instant connect

ICE Data Dictionary

Product guide for prerelease

Copyright © 2024, Instant Connect Software, LLC. All rights reserved. Document version 1841, produced on Friday, September 06, 2024.

main 90adc8bf40040649230176bbdd465f6261a2d8e0

ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. STA GROUP DISCLAIMS ALL WAR-RANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL INSTANT CONNECT LLC OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF STA GROUP OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Trademarks mentioned in this document are the properties of their respective owners.

Contents

1	Document History			
2	Intro	oductio	n	12
3	Entities			12
	3.1	Base e	ntity	13
		3.1.1	Base attributes	13
		3.1.2	Base methods	14
	3.2	Organi	zation	14
		3.2.1	Organization attributes	14
		3.2.2	Organization methods	17
		3.2.3	Organization events	17
		3.2.4	Organization exceptions	17
	3.3	License	eFeatureBlock	18
		3.3.1	LicenseFeatureBlock attributes	18
		3.3.2	LicenseFeatureBlock methods	18
		3.3.3	LicenseFeatureBlock exceptions	19
	3.4	Externa	alServer	19
		3.4.1	ExternalServer attributes	20
		3.4.2	ExternalServer methods	22
		3.4.3	ExternalServer exceptions	23
	3.5	Assem	blyPoint	23
		3.5.1	AssemblyPoint attributes	23
		3.5.2	AssemblyPoint methods	26
		3.5.3	AssemblyPoint exceptions	26
3.6 P25CryptoKe		P25Cry	/ptoKey	27
		3.6.1	P25CryptoKey attributes	27
		3.6.2	P25CryptoKey methods	28
		3.6.3	P25CryptoKey events	29
		3.6.4	P25CryptoKey exceptions	29
	3.7	P25ISS	IGRadioGroup	29
		3.7.1	P25ISSIGRadioGroup attributes	29
		3.7.2	P25ISSIGRadioGroup methods	31
		3.7.3	P25ISSIGRadioGroup exceptions	31
	3.8	TextMe	essageSession	31
		3.8.1	TextMessageSession attributes	31

	3.8.2	TextMessageSession methods	32
	3.8.3	TextMessageSession events	33
	3.8.4	TextMessageSession exceptions	34
3.9	Person		34
	3.9.1	Person attributes	34
	3.9.2	Person methods	36
	3.9.3	Person events	38
	3.9.4	Person exceptions	38
3.10	Patch		38
	3.10.1	Patch attributes	39
	3.10.2	Patch methods	39
	3.10.3	Patch exceptions	40
3.11	Person	Group	40
	3.11.1	PersonGroup attributes	41
	3.11.2	PersonGroup methods	41
	3.11.3	PersonGroup events	42
3.12	Webho	ok	42
	3.12.1	Webhook attributes	42
	3.12.2	Webhook methods	43
3.13	Archive	edRecording	44
	3.13.1	ArchivedRecording attributes	44
	3.13.2	ArchivedRecording methods	45
3.14	Chann	el	46
	3.14.1	Channel attributes	46
	3.14.2	Channel methods	50
	3.14.3	Channel events	51
	3.14.4	Channel exceptions	52
3.15	Workfl	ow	53
	3.15.1	Workflow attributes	53
	3.15.2	Workflow methods	54
3.16	FileDat	a	54
	3.16.1	FileData attributes	54
	3.16.2	FileData methods	55
3.17	License	2	56
	3.17.1	License attributes	56
	3.17.2	License methods	57
3.18	Alert .		57
	3.18.1	Alert attributes	58

		3.18.2 Alert methods
		3.18.3 Alert events
		3.18.4 Alert exceptions
	3.19	KenwoodNexedgeRadioGroup
		3.19.1 KenwoodNexedgeRadioGroup attributes
		3.19.2 KenwoodNexedgeRadioGroup methods
		3.19.3 KenwoodNexedgeRadioGroup exceptions
	3.20	Role
		3.20.1 Role attributes
		3.20.2 Role methods
	3.21	Reflector
		3.21.1 Reflector attributes
		3.21.2 Reflector methods
		3.21.3 Reflector events
		3.21.4 Reflector exceptions
	Com	iron
4		Assembly Point Service
	4.1	Assembly Point Service methods
	12	
	4.2	4.2.1 LicenseFeaturePlockService methods
	12	4.2.1 LicensereatureblockService methods
	4.3	A 2.1 Archived Recording Service methods
	1 1	4.5.1 AlchivedRecordingService methods
	4.4	4.4.1 KonwoodNovedgeDadieService methods
	1 E	
	4.5	4.5.1 ChannelService methods
	16	
	4.0	AdditLogService
		4.6.1 AuditLogService methods
	47	
	4.1	A.7.1 DataManagementService 7.1
		4.7.1 DataManagementService methods
	4.0	
	4.8	$P25CryptoService \dots \dots$
	4.0	4.6.1 P25CryptoService methods
	4.9	
		4.9.1 KOIESERVICE METHODS

4.10	ChannelGroupService	73
	4.10.1 ChannelGroupService methods	74
4.11	FileDataService	74
	4.11.1 FileDataService methods	74
4.12	PersonGroupService	75
	4.12.1 PersonGroupService methods	75
4.13	ExternalServerService	75
	4.13.1 ExternalServerService methods	75
4.14	OrganizationService	76
	4.14.1 OrganizationService methods	76
4.15	SessionService	77
	4.15.1 SessionService methods	77
	4.15.2 SessionService events	78
4.16	LicenseService	79
	4.16.1 LicenseService methods	79
	4.16.2 LicenseService events	80
4.17	AlertService	80
	4.17.1 AlertService methods	81
4.18	P25ISSIGRadioService	81
	4.18.1 P25ISSIGRadioService methods	81
4.19	PersonService	82
	4.19.1 PersonService methods	82
	4.19.2 PersonService events	84
4.20	P25DFSIGRadioGatewayService	85
	4.20.1 P25DFSIGRadioGatewayService methods	85
4.21	ReflectorService	85
	4.21.1 ReflectorService methods	86
4.22	WorkflowService	86
	4.22.1 WorkflowService methods	86
4.23	TextMessageSessionService	86
	4.23.1 TextMessageSessionService methods	87
4.24	MetricService	87
	4.24.1 MetricService methods	87
4.25	WebhookService	88
	4.25.1 WebhookService methods	88
4.26	TelephonyService	88
	4.26.1 TelephonyService methods	88
	4.26.2 TelephonyService events	90

	4.27	CiscoIPPhoneService
		4.27.1 CiscoIPPhoneService methods
	4.28	PatchService
		4.28.1 PatchService methods
5	Туре	91
	5.1	TextMessageSessionInfo 92
		5.1.1 TextMessageSessionInfo attributes
	5.2	AttachmentDescriptor
		5.2.1 AttachmentDescriptor attributes
	5.3	DefaultExternalServerConfig
		5.3.1 DefaultExternalServerConfig attributes
	5.4	WorkflowEventDescriptor
		5.4.1 WorkflowEventDescriptor attributes
	5.5	HistoryLog
		5.5.1 HistoryLog attributes
	5.6	KenwoodNexedgeRadioSystemConfig 96
		5.6.1 KenwoodNexedgeRadioSystemConfig attributes
	5.7	EventSubscription
		5.7.1 EventSubscription attributes
	5.8	EntityTemplate
		5.8.1 EntityTemplate attributes
	5.9	BackupConfigDescriptor
		5.9.1 BackupConfigDescriptor attributes
	5.10	LicenseInfo
		5.10.1 LicenseInfo attributes
	5.11	CallDetailedRecordDescriptor
		5.11.1 CallDetailedRecordDescriptor attributes
	5.12	OrganizationConfig
		5.12.1 OrganizationConfig attributes
	5.13	Registrar
		5.13.1 Registrar attributes
	5.14	SortOrder
		5.14.1 SortOrder attributes
	5.15	LicenseFeatureBlockInfo
		5.15.1 LicenseFeatureBlockInfo attributes
	5.16	KenwoodNexedgeRadioGatewayDescriptor
		5.16.1 KenwoodNexedgeRadioGatewayDescriptor attributes

5.17	DefaultRadioGatewayDescriptor)5
	5.17.1 DefaultRadioGatewayDescriptor attributes)5
5.18	WebhookHistoryDescriptor)6
	5.18.1 WebhookHistoryDescriptor attributes)6
5.19	LicenseConsumer)7
	5.19.1 LicenseConsumer attributes	70
5.20	CallDescriptor	28
	5.20.1 CallDescriptor attributes)9
5.21	WorkflowEventWebhookDescriptor	10
	5.21.1 WorkflowEventWebhookDescriptor attributes	11
5.22	PresenceChannelStatusDescriptor	11
	5.22.1 PresenceChannelStatusDescriptor attributes	11
5.23	DfsigRadioGatewayConfig	12
	5.23.1 DfsigRadioGatewayConfig attributes	12
5.24	P25ISSIGRadioGatewayDescriptor	13
	5.24.1 P25ISSIGRadioGatewayDescriptor attributes	13
5.25	JobStatusDescriptor	13
	5.25.1 JobStatusDescriptor attributes	14
5.26	FixedStationConfig	14
	5.26.1 FixedStationConfig attributes	14
5.27	KenwoodNexedgeRadioGatewayConfig	15
	5.27.1 KenwoodNexedgeRadioGatewayConfig attributes	15
5.28	CallDurationRecordDescriptor	16
	5.28.1 CallDurationRecordDescriptor attributes	16
5.29	RegistrarConfig	16
	5.29.1 RegistrarConfig attributes	17
5.30	P25ISSIGRadioSystemConfig1	17
	5.30.1 P25ISSIGRadioSystemConfig attributes	18
5.31	LogDescriptor	18
	5.31.1 LogDescriptor attributes	18
5.32	WorkflowActionDescriptor	19
	5.32.1 WorkflowActionDescriptor attributes	19
5.33	PatchAgentConfig	20
	5.33.1 PatchAgentConfig attributes	20
5.34	GpsLocation	21
	5.34.1 GpsLocation attributes	21
5.35	Geofence	21
	5.35.1 Geofence attributes	21

5.36	StreetAddress
	5.36.1 StreetAddress attributes
5.37	WorkflowEventContext
	5.37.1 WorkflowEventContext attributes
5.38	GeofenceDescriptor
	5.38.1 GeofenceDescriptor attributes
5.39	PresenceDescriptor
	5.39.1 PresenceDescriptor attributes
5.40	PersonDescriptor
	5.40.1 PersonDescriptor attributes
5.41	LicenseFeature
	5.41.1 LicenseFeature attributes
5.42	DialNumber
	5.42.1 DialNumber attributes
5.43	AlertResponseDescriptor
	5.43.1 AlertResponseDescriptor attributes
5.44	TimeZone
	5.44.1 TimeZone attributes
5.45	ReflectorProfileDescriptor
	5.45.1 ReflectorProfileDescriptor attributes
5.46	EmailRecipient
	5.46.1 EmailRecipient attributes
5.47	WorkflowEventLocationDescriptor
	5.47.1 WorkflowEventLocationDescriptor attributes
5.48	PlatformClientDescriptor
	5.48.1 PlatformClientDescriptor attributes
5.49	P25ISSIGRadioGatewayConfig
	5.49.1 P25ISSIGRadioGatewayConfig attributes
5.50	GeoPolygon
	5.50.1 GeoPolygon attributes
5.51	WorkflowHistoryDescriptor
	5.51.1 WorkflowHistoryDescriptor attributes
5.52	LicenseFeatureDescriptor
	5.52.1 LicenseFeatureDescriptor attributes
5.53	PresenceLocationDescriptor
	5.53.1 PresenceLocationDescriptor attributes
5.54	WorkflowEventScheduledDescriptor
	5.54.1 WorkflowEventScheduledDescriptor attributes

5.55	LicenseFeatureInfo
	5.55.1 LicenseFeatureInfo attributes
5.56	ChannelSubscription
	5.56.1 ChannelSubscription attributes
5.57	ChannelDescriptor
	5.57.1 ChannelDescriptor attributes
5.58	GeoRadius
	5.58.1 GeoRadius attributes
5.59	RadioTalkGroupDescriptor
	5.59.1 RadioTalkGroupDescriptor attributes
5.60	CallingPartyDescriptor
	5.60.1 CallingPartyDescriptor attributes
5.61	MetricDescriptor
	5.61.1 MetricDescriptor attributes
5.62	ExtSerElectionDescriptor
	5.62.1 ExtSerElectionDescriptor attributes
5.63	AuditLogDescriptor
	5.63.1 AuditLogDescriptor attributes
5.64	PhoneContact
	5.64.1 PhoneContact attributes
5.65	InetAddress
	5.65.1 InetAddress attributes
5.66	ReflectionDescriptor
	5.66.1 ReflectionDescriptor attributes
5.67	Preferences
	5.67.1 Preferences attributes
5.68	TextMessageDescriptor
	5.68.1 TextMessageDescriptor attributes

List of Tables

1 Document History

Publication Date	Product Release	Notes
May 29, 2024	3.5.1	No updates.
April 15, 2024	3.5.0	No updates.
September 20, 2023	3.4.0	Document created.

2 Introduction

This comprehensive document serves as a guide to understanding the structure, content, and relationships within the dataset of Instant Connect. Whether you are a data analyst, developer, stakeholder, or curious user, this document will provide you with valuable insights into the data elements, their definitions, sources, formats, and any relevant constraints.

The Data Dictionary is designed to promote clear communication and facilitate effective data management. By defining and documenting each data element in a standardized manner, we aim to ensure consistency, accuracy, and transparency in data interpretation and usage. This, in turn, enhances collaboration, reduces ambiguity, and contributes to better decision-making processes.

In the following sections, you will find a comprehensive list of data entities, attributes, and their associated metadata. Each entry includes a clear description, data type, potential values, and any constraints applicable. This document will evolve alongside the dataset, reflecting changes and updates as the product is improved and revised.

Whether you are seeking to better understand the dataset, integrate it into your applications, or analyze it for valuable insights, the Data Dictionary will serve as your go-to reference. We encourage you to explore, ask questions, and utilize this document to harness the full potential of the data at hand.

3 Entities

An entity represents an addressable object in the system that is analogous to an object in an objectoriented programming language. A model encapsulates data (*attributes*) and a set of operations (*methods*) that can be performed on the data.

As is common in object-oriented programming languages, Instant Connect entities all *inherit* from a base entity (described below) that provides a set of attributes and methods that are common to every

entity.

3.1 Base entity

The base entity defines common attributes and methods common to every entity. These attributes and methods are implicitly available in every other entity.

3.1.1 Base attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
id	string	An ID that uniquely identifies the entity from all other entities in the system, typically a UUIDv4 but not guaranteed to be so.
address	string	The address of this entity used when addressing messages to it. Typically defined as the string SERV: concatenated with the type (i.e., person) concatenated with the ID.
created	timestamp	The time this entity was created.
modified	timestamp	The time this entity was last modified.
type	string	A string representing the type of entity.
caps	set <string></string>	A set of capabilities defined on this entity, typically includes base (this entity) plus the type of the entity.
instances	map <set< string>></set< 	Reserved for future use.

3.1.2 Base methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
GetAttributes	Return all attributes associated with this entity.
SetAttributes	Set one or more attributes in this entity.

3.2 Organization

A model of an organization. An organization is loosely equivalent to a tenant in a multi-tenant system. All resources and entities are associated with an Organization.

3.2.1 Organization attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
name	string	The human-readable name of this Organization.

Name	Туре	Description
contacts	map <list<string>></list<string>	A mapping of contact-type to Person ID used to store the organization's business and system administration contact. This field has no operational impact. It exists as an a note for other administrators.
domain	string	The domain name used to identify this Organization. When LDAP authorization is enabled, usernames matching this domain will be authenticated via LDAP.
authMechanism	enum	The mechanism used for authenticating users logging into the system. BASIC means that credentials will be validated only against the local database of Person entities. LDAP means that usernames whose domain portion (everything to the right of the '@' symbol) match the Organization's domain will be authenticated using the configured LDAP integration. All other usernames will be authenticated using the BASIC mechanism. When not specified, BASIC is assumed. One of BASIC, LDAP, or SSO_AZURE_AD.
authProfile	map <string></string>	A mapping of attribute-value pairs specific to configuring the authentication mechanism. See written documentation for details.

Name	Туре	Description
serverAddresses	list <inetaddress></inetaddress>	An array of InetAddress objects (IP address/hostname, port and GPS coordinate) representing endpoints that a client can use to reach the server. In geo-redundant setups multiple endpoints may exists; each representing the ingress and physical location of a cluster. When client's lose their connection to the platform, they will reconnect by choosing an endpoint from this list using the 'serverConnMechanism' as the selection strategy.
serverConnMechanism	enum	 Specifies the algorithm that clients should use when choosing an endpoint where to reconnect to the platform. RANDOM means to choose an endpoint at random. ROUNDROBIN means to choose the first endpoint first, the second endpoint when the first cannot be reached, and so on (returning to the first endpoint when all options have been exhausted). LOCATION means that clients should connect to endpoints in order of their physical distance from the client. When location is unavailable, this method behaves as ROUNDROBIN. IDENTITY means that clients should always reconnect to the server they initially connected to. One of RANDOM, ROUNDROBIN, LOCATION, or IDENTITY.
config	OrganizationConfig	Organization-specific configuration.

3.2.2 Organization methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
AddContact	Add a contact to this Organization.
UpdateAuthentication	Modify the active authentication mechanism used by the Organization.
UploadCertStoreData	Upload 3 certificate store data to the ICE Server.

3.2.3 Organization events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
CertStoreUploaded	Emitted when a new set of CertStore data has been uploaded successfully.

3.2.4 Organization exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
OrgInvalidCertstoreData	The CertStore data did not pass the validation.

3.3 LicenseFeatureBlock

A model of a LicenseFeatureBlock.

3.3.1 LicenseFeatureBlock attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
licenseFeature	LicenseFeature	The LicenseFeature for which the block is created for.
blockAllowedCount	int	The maximum number of licenses allowed to be in use at any one time for the block.
name	string	The name of the license block.
description	string	The description of the license block.
expirationDate	timestamp	A timestamp representing the latest time and date that this block is allowed. It can not be later than the expirationDate of the LicenseFeature.

3.3.2 LicenseFeatureBlock methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
Delete	Delete the LicenseFeatureBlock entity.
GetCurrentLicenseConsumers	Retrieve detailed information about the consumers of a given license.
GrantLicense	Grant a license for a license consumer.
ReleaseLicense	Release a license for a license consumer.

3.3.3 LicenseFeatureBlock exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
LicblkCountReached	License count for this LicenseFeatureBlock has reached the limit.
LicblkAlreadyExpired	The expiration date for this LicenseFeatureBlock has reached.
LicblkInUse	Failed to delete the LicenseFeatureBlock entity because there are licenses activated.
LicblkConsumerUnknown	License consumer (the combination of ownerId and ownerType) can not be found for this license block.

3.4 ExternalServer

A model of an external server. An external server is an ICE Server software component that can communicates with the platform's services using the same APIs that a user agent would (that is, an external server does not access the database or message bus directly). However, unlike an end user, an external server has organization-level access to all services and entities in the system.

3.4.1 ExternalServer attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
name	string	The human-readable name of this ExternalServer.
serverType	enum	The type of server component being created. SIP refers to an 'ICE Telephony' SIP gateway. RCS refers to an ICE Radio gateway. REGISTRAR is a SIP/PBX registration endpoint. REST is a REST web services bridge. PATCHAGENT is a Patch Agent. One of DFSIG, FIXEDSTATION, NEXEDGE_RADIO_GATEWAY, NEXEDGE_RADIO_SYSTEM, PATCHAGENT, REFLECTOR, REGISTRAR, REST, SIP, P25ISSIG_RADIO_GATEWAY, P25ISSIG_RADIO_SYSTEM, or RECORDING_AGENT.
state	enum	The operational state of the external server. Does not affect operation of the external server but exists as a status field for system administrators. One of NEW, ACTIVE, HIDDEN_ACTIVE, INACTIVE, HIDDEN_INACTIVE, or STANDBY.

Name	Туре	Description
authMechanism	enum	The mechanism by which the external server authenticates itself with the platform. When not specified, AUTHTOKEN will be used. NONE means that the external server has no ability to access the platform (these kinds of servers do not need to communication with the system directly). AUTHTOKEN means the server will issued a token that it can use to 'log into' the system. One of AUTHTOKEN, or NONE.
description	string	A human-readable description of this ExternalServer.
url	string	The URL-formatted endpoint of the server, where applicable.
profile	map <string></string>	A map of attribute/value pairs used to describe or configure the server. The exact use of this field is specific to the external server.
platformClientId	string	The ID of the PlatformClient associated with this ExternalServer.
organizationId	string	The ID of the Organization that this ExternalServer belongs to.
serverAddress	InetAddress	The IP address or hostname and port of the server (and, optionally, its geographic location), where applicable. Note that geoLocation is not supported for this API; any value provided in this field will be ignored.

Name	Туре	Description
status	string	The online/offline status of this ExternalServer. Updated automatically based on this ExternalServer having an active web socket connection to the platform.
reportedStatus	string	A status reported by an external server.
customConfig	map <dynamic></dynamic>	A custom configuration object that is specific to external server type. i.e. For NEXEDGE_RADIO_SYSTEM, it is KenwoodNexedgeRadioSystemConfig.
deletable	bool	If false, this external server can not be deleted after it is created.
logLevel	enum	Logging level of the external server. One of OFF, SEVERE, WARNING, INFO, FINE, FINER, FINEST, or ALL.

3.4.2 ExternalServer methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
GenerateNextAuthToken	Generate the next authorization token that this ExternalServer should use when authenticating itself with the ICE Server platform. Revokes the current (last) authentication token.
Delete	Delete this ExternalServer.
ReportStatus	Report status in a JSON format.

Name	Description
GetLatestReport	Return the latest report associated with the external server.

3.4.3 ExternalServer exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
ExtserverAuthMechanismNotAuthtoken	The 'authMechanism' used by this ExternalServer does not support authentication tokens.
ExtserverInuse	Can not delete the ExternalServer because it is used or referenced while cascade parameter is false.
ExtserverNotDeletable	This ExternalServer is not deletable.
ExtserverDependentDeleteFail	Can not delete the ExternalServer because failing to delete any of the dependent entities. This should be thrown only if cascade is true.

3.5 AssemblyPoint

A model of an Assembly Point. An Assembly Point refers to one or more 'meshed' RallyPoints functioning as a logical point for bridging communications across multicast domains.

3.5.1 AssemblyPoint attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining

data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
name	string	The human-readable name of this AssemblyPoint.
description	string	A human-readable description of this AssemblyPoint.
state	enum	The operational state of the AssemblyPoint. Does not affect operation of the AssemblyPoint but exists as a status field for system administrators. One of NEW, ACTIVE, HIDDEN_ACTIVE, INACTIVE, HIDDEN_INACTIVE, or STANDBY.
organizationId	string	The ID of the Organization that the new AssemblyPoint should be associated with. When not specified, the default organization is implied.
apAddress	InetAddress	Deprecated: An InetAddress object representing the client-accessible endpoint of the AssemblyPoint. Used only by v1.0.0 clients that do not support multiple endpoints. When not specified, this value will automatically inherit the first endpoint value in 'endpoints'.
platformClientId	string	The ID of the PlatformClient that this AssemblyPoint has been assigned.
metadata	map <string></string>	A set of client-defined custom key/value attribute pairs that can be used to describe the configuration or use of this AssemblyPoint.

Name	Туре	Description
endpoints	list <inetaddress></inetaddress>	An array of InetAddress objects representing the public endpoints of the AssemblyPoint that a client may use to connect to it. Clients will choose a specific connection endpoint based on the value of 'strategy'.
strategy	enum	 The connection strategy that ICE clients will use to choose an endpoint when connecting to the AssemblyPoint. Once a successful connection has been established, the client will remain bound to the chose endpoint until it detects a connection loss and must reconnect (at which point it will choose a new endpoint). When an 'apAddress' is provided and 'endpoints' are not, the AssemblyPoint implicitly operates in IDENTITY mode. IDENTITY: Clients should only connect to the first defined endpoint. ROUNDROBIN: Clients should connect and reconnect to endpoints in the order they are listed. RANDOM: Clients should randomly choose an endpoint each time they connect. LOCATION: Client should attempt to connect to the endpoint geographically nearest them. When location information isn't available or the nearest endpoint cannot be reached the client will follow ROUNDROBIN semantics for choosing an alternate endpoint. One of RANDOM, POUNDROBIN LOCATION.

Name	Туре	Description
status	string	The online/offline status of this AssemblyPoint. Updated automatically based on this AssemblyPoint having an active web socket connection to the platform.
deletable	bool	If false, this AssemblyPoint can not be deleted after it is created.

3.5.2 AssemblyPoint methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
Delete	Deletes the AssemblyPoint endpoint from the system.
ListUsedByChannels	List the set of Channels that are provisioned to use this AssemblyPoint for their communications.

3.5.3 AssemblyPoint exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
ApNotDeletable	This AssemblyPoint is not deletable.

3.6 P25CryptoKey

A model of a P25 Crypto key.

3.6.1 P25CryptoKey attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
organizationId	string	The ID of the organization that this patch belongs to.
name	string	The name of this P25 Crypto key.
description	string	The description of this P25 Crypto key.
algId	enum	The system shall support both DES and AES keys, but not both in any given installation. This value will be assigned based on the system configuration and can not be updated. One of DES, or AES.
keyId	int	Range is 1 thru 65,535 (16 bits). The combination of algId and keyId should be unique throughout the system.
sln	int	Storage Location Number with 16 bits length. The 4 most significant bits contain the Crypto Group, the least sig 12 bits contain the actual SLN value. 0 thru 4,095 (12 usable bits). Every sln value shall be unique throughout the system.

Name	Туре	Description
keyType	enum	Only a keyType enum value of TEK shall be supported. Hence all keys will have keyType of TEK. If we ever support OTNR, a second keyType of KEK will be required. , or TEK.
keyData	string	AES keys requires no validation other than the key length (64 hex chars). For DES keys, a length of 16 hex chars (64-bits) shall be enforced.

3.6.2 P25CryptoKey methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
Delete	Delete this P25 Crypto key, and disassociate the key to each and every existing channel currently associated with this key.
AssignToChannels	Associate the encryption key to existing Channels. Only channels assigned a P25 DFSI fixed station or ISSI radio talk group can be assigned such a key.
UnassignFromChannels	Disassociate the encryption key to existing Channels.
PageChannelsWithP25CryptoKey	Page all channels assigned with this P25 Crypto key.

3.6.3 P25CryptoKey events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
ChannelsAssignedToCryptoKey	Emitted when a channels were assigned to crypto key.
ChannelsUnassignedFromCryptoKey	Emitted when a channels were un-assigned from crypto key.

3.6.4 P25CryptoKey exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
ChannelInvalid	At least one of the specified channel is not qualified to be assigned such a key.

3.7 P25ISSIGRadioGroup

A model of a P25 ISSIG radio talk group. Note this definition should to be refactored to extend from DefaultRadioTalkGroup, but is not done because inheritance is not supported in client generators (js, dart, cpp and etc...) and openapi generator.

3.7.1 P25ISSIGRadioGroup attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
organizationId	string	The ID of the Organization that this radio talk group belongs to.
groupId	int	This is a 16 bit value (decimal) that is manually entered and unique to the radio system.
radioSystemId	string	The ID of the radio system the group belongs to.
radioGatewayId	string	The ID of the radio gateway the group belongs to currently.
name	string	A human-readable name associated with this Radio talk group entity.
description	string	A human-readable description of this Radio talk group entity.
entityId	string	The ID of the Instant Connect entity (i.e., Channel) that this Radio talk group entity has been assigned.
entityType	string	The type of entity this Radio talk group entity has been assigned to. i.e. 'channel'.
status	enum	Keep track of its registration status to the radio system. One of NEW, REGISTERED, REGISTER_FAILED_NOT_FOUND, REGISTER_FAILED_NO_RESPONSE, REGISTER_FAILED_BUSY, REGISTER_FAILED_SERVICE_UNAVAILABLE, REGISTER_FAILED, or REGISTER_FAILED_FORBIDDEN.
reportedStatus	string	A status reported by the talk group.

3.7.2 P25ISSIGRadioGroup methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
Remove	Remove this radio talk group.
AssignRadioTalkGroup	Assign a group to an addressable entity. If the group is already assigned, this will unassign and assign to the given entity.
UnassignRadioTalkGroup	Unassign a talk group.

3.7.3 P25ISSIGRadioGroup exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
GroupIssiNotAssigned	The radio talk group is not assigned to the entity(Channel) specified.

3.8 TextMessageSession

A model of an TextMessageSession entity.

3.8.1 TextMessageSession attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
organizationId	string	The ID of the Organization that this TextMessageSession is associated with.
creator	string	The platform address of the creator entity. This could be a person or external server or any other platform client enabled entity.
associatedEntities	list <string></string>	The list of entity addresses with which the text session is associated.
name	string	Name of the text message session.

3.8.2 TextMessageSession methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
ReportUserLastMessageRead	Update the last text message id read by the user.
GetUserLastMessageRead	Get the last text message id read by the user.
Delete	Delete the TextMessageSession along with its text messages.
AddTextMessage	Add a new text message to the session.

Name	Description
UpdateTextMessage	Update an existing text message in the session.
DeleteTextMessage	Delete a text message from the session.
PageTextMessages	Enumerate the TextMessage objects in reverse chronological order of the texts.
UpdateUserTextingStatus	Update user texting status to let others to know.

3.8.3 TextMessageSession events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
LastTextMessageReadUpdated	Emitted when a TextMessage is updated.
TextMessageAdded	Emitted when a new TextMessage is added to the session.
TextMessageUpdated	Emitted when a TextMessage is updated.
TextMessageRemoved	Emitted when a TextMessage is deleted by the author.
UserTextingStatusUpdated	Emitted when a user sends a UpdateUserTextingStatus.
ParticipantsAdded	Emitted when new participants are added to the session. Currently this happens when: 1. The chat session is created for a Channel, and participants are added to the Channel. 2. The chat session is created for Person/PersonGroup, and users are added to the PersonGroup.

Name	Description
ParticipantsRemoved	Emitted when participants are removed from the session. Currently this happens when: 1. The chat session is created for a channel, and participants are removed from the channel. 2. The chat session is created for Person/PersonGroup, and users are removed from the PersonGroup.

3.8.4 TextMessageSession exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
NotPermitted	The actor is not authorized to update a TextMessageDescriptor because he is not associated with the TextMessageSession.

3.9 Person

A model of a user. A Person is a user of the Instant Connect Enterprise system who can log into ICE Server and access resources. A Person exists for every user of the system, even if their identity or credentials are based on LDAP. Note that 'tactical'-mode users do not necessarily have or require a Person entity in ICE Server as these users do not have to log in for access to tactical channels.

3.9.1 Person attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
organizationId	string	The ID of the organization that this Person belongs to.
platformClientId	string	The ID of the PlatformClient that is associated with this Person.
userName	string	A unique username that identifies this Person in the system.
firstName	string	The first name of this Person.
lastName	string	The surname of this Person.
alias	string	An alias or screen name associated with this Person.
transmitPriority	int	Transmission priority.
email	string	The primary email address of this Person.
dialNumber	DialNumber	A DialNumber object describing the telephony endpoint that callers can use to reach this Person.
hasLogin	bool	True to indicate that this user can log into the system, false otherwise.
hasPin	bool	True indicates that this Person has PIN, false otherwise.
state	enum	The platform-owned operational state of this Person. One of NEW, ACTIVE, HIDDEN_ACTIVE, INACTIVE, HIDDEN_INACTIVE, or STANDBY.
securityAnswerCount	int	The number of security answers this user has provided. Unused.

Name	Туре	Description
status	string	The online/offline status of this Person. Updated automatically based on this Person having an active web socket connection to the platform.
userStatus	string	A user-definable global status message such as 'I'm busy', 'On vacation', etc.
roles	set <string></string>	A set of Roles assigned to this Person which each value is the name of a Role defined through the Role Service. Represents the aggregate set of access permissions granted to this user.
metadata	map <string></string>	A set of user-definable attribute-value pairs that may be used to provide additional information about the user like the job assignment, desk phone number, title, etc.
managed	bool	When true, this Person's identity is provided by LDAP. When false, this Person is a 'local' user whose identity is managed by Instant Connect.
inCall	bool	True = person in call now; False = person not in call.
reportLocation	bool	When true, person's presence location should be reported, otherwise it should not be reported.

3.9.2 Person methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.
Name	Description
GetLatestPresence	Get this Person's current presence information.
Delete	Delete this Person.
ListAvailableChannels	List the Channels that this Person has been assigned.
ListPersonGroups	List the PersonGroups to which this person belongs.
SetSecurityAnswers	Provides answers to the account security questions. The first question and answer are required, those for the second and third are optional. Not supported.
GetSecurityAnswers	Retrieves a user's answers to their security questions. Not supported.
ChangePin	Modifies the PIN assigned to the user.
RemoveFromPlatformClient	Remove a Person from a PlatformClient entity.
ReportPresenceChannelStatus	Report a Person's per-channel status information.
ReportPresenceLocation	Report the Person's current geographic location.
ReportPresenceUserStatus	Report the Person's current status.
LeaveChannel	Disassociate a Person from a Channel.
UpdatePassword	Change the password used by this Person to log into the platform. Not applicable when this user is 'managed' via LDAP.
ListParticipatingGeofences	List all the Geofence definitions the person is participating in.
ReportGeofenceCrossed	Report a location under specified Geofence for which the person has either entered or exited.
ReportClientLogsUploadStatus	Request to notify log requestor that logs have been uploaded.

3.9.3 Person events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
AuthorizationRemoved	Emitted when authorization to a PlatformClient is revoked for a user. For internal use only.
PresenceLocationUpdated	Emitted when the Person's location information is updated.
PresenceChannelStatusUpdated	Emitted when the Person's latest channel-specific status information is updated.
GeofenceAssigned	Emitted when the Person has been assigned to a geofence definition.
GeofenceUnAssigned	Emitted when the Person has been unassigned from a geofence definition.
ClientLogUploadStatusUpdated	Emitted when the Person has uploaded logs.

3.9.4 Person exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
PinNotValid	The format of the PIN is invalid.
PersonNotexist	Can not find person.
PinNewPinSame	The new PIN is the same as the old PIN.
JobNotexist	Can not find job.

3.10 Patch

A model of a patch.

3.10.1 Patch attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
organizationId	string	The ID of the organization that this patch belongs to.
name	string	The name of this Patch.
description	string	The human-readable description of this Patch.
ownerId	string	The patch owner (creator).
status	enum	The status of patch. One of NEW, START_REQUESTED, ACTIVE, STOP_REQUESTED, INACTIVE, or DELETE_REQUESTED.
channels	set <string></string>	A list of channels participated in the patch.
patchAgents	list <string></string>	A list of patch agents that can be used to process the patch. Only one can be selected at one time, thus the order matters.

3.10.2 Patch methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
DeletePatch	Delete this patch.
StartPatch	Turn on patch.
StopPatch	Turn off patch.
AddChannelsToPatch	Add channels to patch.
RemoveChannelsFromPatch	Remove channels from patch.
UpdatePatchStatus	Update patch status.

3.10.3 Patch exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
PatchChannelInvalid	At least one or more channel id are invalid.
PatchChannelEncryption	Channel's encryption settings do not match.
PatchInvalidStatus	Invalid patch status. Only non active patches can be deleted.
PatchChannelAlreadyInPatch	At least one or more channel already participate in another patch.
PatchChannelSecure	Secure channel is not allowed to be patched.
PatchChannelFdx	Channel's full duplex settings do not match.

3.11 PersonGroup

A model of a group of people. Person groups allow an administrator to perform certain 'bulk' operations on Person entities. That is, a group of Persons can be treated as a single entity.

3.11.1 PersonGroup attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
name	string	The human-readable name of this PersonGroup.
organizationId	string	The ID to which this PersonGroup belongs.
state	enum	The platform-owned operational state of this PersonGroup. One of NEW, ACTIVE, HIDDEN_ACTIVE, INACTIVE, HIDDEN_INACTIVE, or STANDBY.
description	string	The human-readable description given to this PersonGroup.
metadata	map <string></string>	A set of user-definable attribute-value pairs that may be used to provide additional information about the person group.
managed	bool	A flag indicating that PersonGroup is associated with an AD UserGroup.
ldapGroup	string	Ldap group this person group is assigned to.

3.11.2 PersonGroup methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully

and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
AddPersons	Add Persons to a PersonGroup.
RemovePersons	Remove Persons from a PersonGroup.
ListPersons	List Persons belonging to this PersonGroup.
PagePersons	List Persons belonging to this PersonGroup.
Delete	Delete a PersonGroup. Does not delete the Persons comprising the PersonGroup.

3.11.3 PersonGroup events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
PersonsAssignedToPersonGroup	Emitted when persons are added to a PersonGroup.
PersonsRemovedFromPersonGroup	Emitted when persons are removed from the PersonGroup.

3.12 Webhook

A model of a outbound webhook.

3.12.1 Webhook attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
organizationId	string	The ID of the organization that this webhook belongs to.
name	string	The name of this Webhook.
description	string	The human-readable description of this Webhook.
ownerAddress	string	The webhook owner (creator)'s platform address.
status	enum	The status of webhook. When a webhook is first created, the default status is INACTIVE. One of ACTIVE, or INACTIVE.
uri	string	Webhook uri.
method	enum	Webhook request method. One of GET, POST, DELETE, or PUT.
headers	map <string></string>	A map of headers to be used for the http request.
body	string	Http request body.

3.12.2 Webhook methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description	
Delete	Delete this webhook.	
Activate	Activate this webhook.	
Deactivate	Deactivate this webhook.	
Execute	Execute this webhook.	

3.13 ArchivedRecording

A model of an archived recording.

3.13.1 ArchivedRecording attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
organizationId	string	The ID of the Organization that this archived recording belongs to.
startTime	timestamp	Unix timestamp in milliseconds when the event began.
endTime	timestamp	Unix timestamp in milliseconds when the event ended.
channelId	string	The Arcus channel ID that this recording is associated with.
audioStreamId	string	The audio stream id that this recording is associated with.

Name	Туре	Description
personId	string	The Arcus person ID that this recording is associated with.
eventId	string	Unique event identifier provided by engage engine.
traceId	string	Call trace Id that is an identifier for grouping together all related records.
fileStorageName	string	The name of the file in file storage.
personAlias	string	The person alias that this recording is associated with.
contentType	string	The content type of the recording. Standard MIME types such as "audio/wav", "image/gif", etc.
expireAt	timestamp	Time when recording will be expired.
metadata	map <string></string>	A set of client-defined custom key/value attribute pairs that can be used to describe the configuration or use of this recording.

3.13.2 ArchivedRecording methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
Delete	Delete the Archived recording Data.
GetDownloadUrl	Get a pre-signed URL that is valid for an expiration time and only allows to download a file.

3.14 Channel

A model of a channel. A Channel represents the configuration of a half or full-duplex voice pathway and includes attributes like codec, encryption, and network connectivity. Channels are assigned to users (Person entities) who then have access to read the channel configuration and join the talk group.

3.14.1 Channel attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
organizationId	string	The ID of the Organization that this Channel belongs to.
name	string	The human-readable name of this Channel.
dialNumber	DialNumber	A DialNumber object representing the dial number with which callers can 'dial into' the channel.
fixedStation	ExternalServer	A ExternalServer object representing the fixed station.
p25CryptoKeyId	string	The id of the P25CryptoKey entity assigned to the channel to be used by the assigned fixed station. Only channel with fixed station may have this value depending on the encryption setting.

Name	Туре	Description
description	string	A human-readable description of the channel or its purpose.
channelType	enum	The type of channel, which ICE clients will use as a hint to determine how to render the channel in their UI. ASSIGNED indicates that the channel was created and configured by a user. INTERCOM means that this channel was created 'ad-hoc' between users and is automatically destroyed as soon as no users are assigned to it. DYNAMIC indicates that the channel was created programmatically or in response to a triggering event. TELEPHONY indicates that the channel is being used as the bearer of a telephone call. One of ASSIGNED, INTERCOM, DYNAMIC, or TELEPHONY.
txMcAddress	InetAddress	An InetAddress object representing the multicast group address and port to transmit on, when not communicating via an AssemblyPoint. Note that geoLocation is not supported for this API; any value provided in this field will be ignored.
rxMcAddress	InetAddress	An InetAddress object representing the multicast group address and port on which to listen for received audio, when not communicating via an AssemblyPoint. Note that geoLocation is not supported for this API; any value provided in this field will be ignored.

Name	Туре	Description
encoder	enum	The voice codec used to when transmitting audio. 1=G.711 uLaw; 2=G.711 aLaw; 3=GSM; 10=AMR 4.75Kbps; 11=AMR 5.15Kbps; 12=AMR 5.9Kbps; 13=AMR 6.7Kbps; 14=AMR 7.4Kbps; 15=AMR 7.95Kbps; 16=AMR 10.2Kbps; 17=AMR 12.2Kbps; 20=Opus 6Kbps; 21=Opus 8Kbps; 22=Opus 10Kbps; 23=Opus 12Kbps; 24=Opus 14Kbps; 25=Opus 16Kbps; 26=Opus 18Kbps; 27=Opus 20Kbps; 28=Opus 22Kbps; 29=Opus 24Kbps; 50=MELPe 0.6Kbps; 51=MELPe 1.2Kbps; 52=MELPe 2.4Kbps. One of 1, 2, 3, 10, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 50, 51, or 52.
framingMs	int	Milliseconds of audio encoded in each voice frame.
maxTxSecs	int	Maximum allowable single-burst transmit time, in seconds.
noHdrExt	bool	When false, non-standard RTSP headers are added to identify talkers and signal end-of-transmission. Should be true only when interoperability prevents header extensions.
fdx	bool	When true, channel is full duplex (parties can transmit and receive at the same time).
encryptKey	string	A key, phrase, or other identifier used to enable encrypted communications.
visible	bool	A hint to clients suggesting whether this channel should be hidden from the end user.

Name	Туре	Description
assemblyPoints	set <string></string>	A set of assembly points.
metadata	map <string></string>	An array of IDs representing the AssemblyPoint entity or entities that this channel should connect to. When empty, this Channel operates exclusively over multicast.
multicastTtl	int	This property should be an integer type and should only accept values in the range 1…255 (inclusive).
maxReplayTime	int	Max replay time for channel. This property should be an integer type.
melpeCodec	enum	MELPe codec in kbps. One of 600, 1200, or 2400.
radioTalkGroup	RadioTalkGroupDesc	riptorA RadioTalkGroupDescriptor object representing the talk group.
audioStreamId	string	A tactical channel ID where the channel can be assigned to other enterprise users. Allow any value except all whitespace.
color	string	The color of this Channel.
secure	bool	When true, the channel is used for sensitive communications, not merely encrypted.
recorded	bool	When true, the channel is recorded, false otherwise.
translationProfi	leenum	Translation profile of the channel. The Default translationProfile value is Default. One of Default, Trellisware, PersistentSystem, Cistech, or Vocality.
txPayloadType	int	Property representing the transmit payload type.

Name	Туре	Description
rxExtPayloadType	int	Property representing an inbound payload type.
rxIntPayloadType	int	Property representing the Engage-native payload type.

3.14.2 Channel methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
AssignClientsToChannel	Assign a set of IDs representing the PlatformClients that will participate in this channel. When assigned the channel, clients will be notified (via a 'PersonAssignedToChannel' event) that they have joined this Channel and will be granted access. Any PlatformClient already participating remains a participant. Not supported.
RemoveClientsFromChannel	Disassociate a set of PlatformClients from this Channel.
ListClients	List the set of PlatformClient IDs currently assigned to this channel.
AssignPersonsToChannel	Assign a group of Person entities to participate in this Channel.
GetParticipantCounts	Return total number of participants, current online participants and current active participants.

Name	Description
RemovePersonsFromChannel	Disassociate a set of Person entities from this Channel.
ListPersons	List the set of Persons assigned to this Channel.
ListPersonPresences	List the PresenceDescriptors associated with each Person assigned to this Channel.
AssignPersonGroupsToChannel	Assign all the Persons associated with one or more PersonGroups to this Channel. Equivalent to assigning each Person in each PersonGroup to this Channel.
RemovePersonGroupsFromChannel	Disassociate all the Persons associated with one or more PersonGroups from this channel. Equivalent to disassociating each Person in each PersonGroup from this Channel.
ListPersonGroups	List the set of PersonGroups assigned to this Channel.
Remove	Delete this Channel.
PlaybackAudio	Playback a saved audio on the channel.
MarkRecordingSetting	Mark the channel to be recorded or not recorded ('chan:recorded' attribute). A RECORDING_CHANNELS license will be consumed or released accordingly.
AssignTranslationProfile	Assign the channel with a new translation profile. This will result in changes in 'chan:txPayloadType', 'chan:rxExtPayloadType' and 'chan:rxIntPayloadType'.

3.14.3 Channel events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
PersonAssignedToChannel	Emitted when a Person is associated with a channel.
PersonRemovedFromChannel	Emitted when a Person is disassociated from a channel.
PersonGroupAssignedToChannel	Emitted when 'chan:AssignPersonGroupsToChannel' is called and PersonGroups is associated with a channel. One event is emitted for each PersonGroup.
PersonGroupRemovedFromChannel	Emitted when 'chan:RemovePersonGroupsFromChannel' is called and PersonGroups are disassociated from a channel. One event is emitted for each PersonGroup.
PersonPresenceUpdated	Emitted when any Person belonging to this Channel has updated their presence.
EntityAssignedToChannel	Emitted when a Non Person entity is associated with a channel, such as a radio talk group, dial number.
EntityRemovedFromChannel	Emitted when a Non Person entity is removed from a channel, such as a radio talk group, dial number.

3.14.4 Channel exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Ν	а	m	е
•••	~		-

Description

ChanPlaybackFileNotexists

File not found.

Name	Description
ChanRecordingLicenseReached	Can not mark the channel to be recorded because RECORDING_CHANNELS license count has been reached.

3.15 Workflow

A model of a workflow.

3.15.1 Workflow attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
organizationI	dstring	The ID of the organization that this workflow belongs to.
name	string	The name of this Workflow.
description	string	The human-readable description of this Workflow.
ownerAddress	string	The workflow owner (creator)'s platform address.
status	enum	The status of workflow. One of NEW, ACTIVE, HIDDEN_ACTIVE, INACTIVE, HIDDEN_INACTIVE, or STANDBY.

Name	Туре	Description
event	WorkflowEventDescriptor	The workflow event that triggers the workflow. Event cannot be updated if status is ACTIVE.
actions	list< WorkflowActionDescriptor>	A list of actions to be executed when the condition is met. actions cannot be updated if status is ACTIVE.

3.15.2 Workflow methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description	
Delete	Delete this workflow.	
Activate	Activate this workflow.	
Deactivate	Deactivate this workflow.	
Execute	Execute this workflow.	

3.16 FileData

A model of a file metadata.

3.16.1 FileData attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
organizationId	string	The ID of the Organization that this file belongs to.
creator	string	The platform address of the creator entity.
name	string	The human-readable name of this file.
fileStorageName	string	The name of the file in file storage.
description	string	The human-readable description of this file.
contentType	string	Standard MIME types such as "audio/wav", "image/gif", etc.
dataType	enum	The internal type of file data. One of AUDIO_GREETING, AUDIO_PIN_PROMPT, AUDIO_ENTITY_NAME, AUDIO_ALERT, AUDIT_LOG_REPORT, TEXT_MESSAGE_ATTACHMENT, or DATA_BACKUP_ARCHIVE.
expiredAt	timestamp	Time when file will be expired.
metadata	map <string></string>	A set of client-defined custom key/value attribute pairs that can be used to describe the configuration or use of this file.

3.16.2 FileData methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

NameDescriptionDeleteDelete the File Data.

3.17 License

A model of an Instant Connect Enterprise software license.

3.17.1 License attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
organizationId	string	The ID of the Organization that this license belongs to.
licenseFile	string	The text contents of the Instant Connect-generated license file.
initiationDate	timestamp	A timestamp representing the earliest time and date that features granted by this License can be used.
expirationDate	timestamp	A timestamp representing the latest time and date that features granted by this License can be used.

Name	Туре	Description
installationId	string	The installation-unique ID that this License applies to. A License grants access to features only for the ICE Server installation identified by this value.
metaInfo	map <string></string>	A map of attribute-value pairs providing extra information about this License.
gracePeriod	int	The number of days after 'expirationDate' that a consumer will be allowed to continue using the licensed feature, with a warning.
enterprise	bool	A flag indicating if the license is an enterprise license to be used across installations within an organization.
organizationName	string	Will provide an organization name in case of enterprise license.
licenseId	int	License id.

3.17.2 License methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description	
Delete	Delete this License.	

3.18 Alert

A model of an Alert entity.

3.18.1 Alert attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
organizationId	string	The ID of the Organization that this Alert is associated with.
creator	string	The platform address of the creator entity. This could be a person or external server or any other platform client enabled entity.
priority	enum	Alert priority. Default is MEDIUM. One of LOW, MEDIUM, HIGH, or CRITICAL.
title	string	Alert title.
body	string	Body of the alert.
responses	list <string></string>	List of possible responses to the alert by the recipients.
recipients	list <string></string>	The list recipient addresses which can be a person or any other platform client enabled entity.

3.18.2 Alert methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
Delete	Delete the Alert.
RespondAlert	Response the alert.
ListAllResponses	Return a list of responses.

3.18.3 Alert events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
ResponseAdded	Emitted when a new response is received.

3.18.4 Alert exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
AlertInvalidResponse	Invalid response string. Alert doesn't contain this response.

3.19 KenwoodNexedgeRadioGroup

A model of a Kenwood Nexedge radio talk group. Note this definition should to be refactored to extend from DefaultRadioTalkGroup, but is not done due to backward compatibility issue. Inheritance is not supported in client generators (js, dart, cpp and etc...) and openapi generator.

3.19.1 KenwoodNexedgeRadioGroup attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
organizationId	string	The ID of the Organization that this radio talk group belongs to.
groupId	int	This is a 16 bit value (decimal) that is manually entered and unique to the radio system.
radioSystemId	string	The ID of the kenwood nexedge radio system the group belongs to.
radioGatewayId	string	The ID of the kenwood nexedge radio gateway the group belongs to currently.
name	string	A human-readable name associated with this KenwoodNexedgeRadioGroup.
description	string	A human-readable description of this KenwoodNexedgeRadioGroup.
entityId	string	The ID of the Instant Connect entity (i.e., Channel) that this KenwoodNexedgeRadioGroup has been assigned.
entityType	string	The type of entity this KenwoodNexedgeRadioGroup has been assigned to. i.e. 'channel'.

Name	Туре	Description
status	enum	Keep track of its registration status to the radio system. One of NEW, REGISTERED, REGISTER_FAILED_NOT_FOUND, REGISTER_FAILED_NO_RESPONSE, REGISTER_FAILED_BUSY, REGISTER_FAILED_SERVICE_UNAVAILABLE, REGISTER_FAILED, or REGISTER_FAILED_FORBIDDEN.
reportedStatus	string	A status reported by the talk group.

3.19.2 KenwoodNexedgeRadioGroup methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
Remove	Remove this radio talk group.
AssignNexedgeRadioTalkGroup	Assign a group to an addressable entity. If the group is already assigned, this will unassign and assign to the given entity.
UnassignNexedgeRadioTalkGroup	Unassign a talk group.

3.19.3 KenwoodNexedgeRadioGroup exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
GroupNotAssigned	The radio talk group is not assigned to the entity(Channel) specified.

3.20 Role

A model of a role. A role represents a named collection of access permissions. When a role is assigned to a user (Person), that user inherits all the permissions of the role in addition to whatever permissions that user may already have.

3.20.1 Role attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
name	string	A human-readable name for this Role.
description	string	A human-readable description of the purpose of this Role.
state	enum	The platform-owned operational state of this Role. One of NEW, ACTIVE, or INACTIVE.
organizationId	string	The ID of the Organization that this Role belongs to.
permissions	set <string></string>	An array of permission strings describing the permissions granted by this Role.

3.20.2 Role methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
AddPermissions	Add permissions to the Role.
RemovePermissions	Remove permissions from the Role.
ListPermissions	List permissions belonging to the role.
Delete	Delete the Role.
AssignRoleToEntities	Assign the Role to a set of entities (people or servers). Assigned entities inherit all the permissions of this Role.
RemoveRoleFromEntities	Remove this Role from one or more entities. Removing the role revokes permissions granted by this role from the identified entities. Note that other roles assigned to an entity may grant all or some of the same permissions. Removing this Role does not imply that the entity will no longer have all the permissions of this Role (as some may be granted through other Roles).

3.21 Reflector

A model of a static reflector.

3.21.1 Reflector attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
name	string	The human-readable name of this Reflector.
state	enum	The operational state of the static reflector. One of ACTIVE, or INACTIVE.
description	string	A human-readable description of this Reflector.
profile	ReflectorProfileDescripto	A map of attribute/value pairs used to describe or configure the server. The exact use of this field is specific to the static reflector.
platformClientId	string	The ID of the PlatformClient associated with this Reflector.
organizationId	string	The ID of the Organization that this Reflector belongs to.
status	string	The online/offline status of this Reflector. Updated automatically based on this Reflector having an active web socket connection to the platform.
assemblyPoints	set <string></string>	A set of assembly points.
logLevel	enum	Logging level of the Reflector. One of OFF, SEVERE, WARNING, INFO, FINE, FINER, FINEST, or ALL.

3.21.2 Reflector methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully

and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
ReportStatus	Report status in a JSON format.
GetLatestReport	Return the latest report associated with the reflector.
ListReflections	Return a list of reflections belonging to this reflector.
AddReflection	Add a new reflection for a given channel.
RemoveReflection	Remove reflection for a given channel.
DeleteReflector	Delete this static reflector.

3.21.3 Reflector events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
ReflectionAdded	Emitted when a Reflection has been added to reflector.
ReflectionRemoved	Emitted when a Reflection has been removed from reflector.
ReflectionChanged	Emitted when a Reflection has been modified.

3.21.4 Reflector exceptions

An exception is a response returned in response to invoking a method that represents a special error condition. Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each exception.

Name	Description
ReflReflectionNotExists	Reflection not exists.
ReflChannelInvalid	Channel not exists.

4 Services

A service is collection of methods that can be invoked at a *global* scope and represent Instant Connect's top-level application programming interface (API).

An API method is a predefined function or procedure that offers a standardized way for developers to access specific functionalities, services, or data provided by the API. Each method serves as a well-defined entry point, accepting input parameters and often returning output, allowing applications to communicate and exchange information seamlessly. API methods play a pivotal role in enabling the integration of diverse software components, enhancing interoperability, and facilitating the development of robust and interconnected applications.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

4.1 AssemblyPointService

Service APIs for managing AssemblyPoint entities. An AssemblyPoint models a logical RallyPoint in the system. An AssemblyPoint may consist of one RallyPoint or a group of RallyPoint instances that are meshed together and operating as a single point of unicast voice inter-operation. Refer to product guide documentation for API details.

4.1.1 AssemblyPointService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
CreateAssemblyPoint	Create a new AssemblyPoint entity for a given Organization.
ListAllAssemblyPoints	List all AssemblyPoint entities belonging to a given Organization.

4.2 LicenseFeatureBlockService

Service APIs for managing ICE Server license Feature Blocks. Refer to product guide documentation for API details.

4.2.1 LicenseFeatureBlockService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
CreateLicenseFeatureBlock	Create a license feature block for the given featureKey and organizationId.
PageLicenseFeatureBlocks	Page licenseFeatureBlock entities for the given organizationId and featureKey.
ListLicenseFeatureBlocks	List all the licenseFeatureBlock entities for the given organizationId and featureKey.
ListLicenseFeatureBlockInfos	List all the licenseFeatureBlockInfo entities for the given organizationId and featureKey. It is an expensive operation.

4.3 ArchivedRecordingService

Service APIs for managing archived recordings. Refer to product guide documentation for API details.

4.3.1 ArchivedRecordingService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreateArchivedRecording	Create a new archived recording data record and return a presigned URL for recording uploading.
PageArchivedRecordings	Enumerate the ArchivedRecording objects sorted by startTime in DESC order.

4.4 KenwoodNexedgeRadioService

Entry points for global operations on the Kenwood NEXEDGE Radio Systems. Refer to product guide documentation for API details.

4.4.1 KenwoodNexedgeRadioService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
CreateNexedgeRadioTalkGroup	Create a Nexedge radio talk group object.
PageChannelsWithKenwoodNexedgeGroup	Page all channels assigned a KenwoodNexedgeRadioGroup.
PageKenwoodNexedgeGroups	Page Kenwood Nexedge talk groups. This method is used to enumerate all PageKenwoodNexedgeGroups defined in the system. Because the set of PageKenwoodNexedgeGroups may be very large this service acts as a generating function, returning a sequence of PageKenwoodNexedgeGroup 'pages' similar to a database cursor.
AssignRadioSystemToRadioGateway	In rare occasion, assign a different radio system to a radio gateway entity.

4.5 ChannelService

Service APIs for managing Channel entities. A Channel represents the configuration of a half or fullduplex voice pathway and includes attributes like codec, encryption, and network connectivity. Channels are assigned to users (Person entities) who then have access to read the channel configuration and join the talk group. Refer to product guide documentation for API details.

4.5.1 ChannelService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name

Description

CreateChannel

Create a new channel in a given Organization.

Name	Description
ListAllChannels	List all channels within a given Organization.
OpenIntercomChannel	Open an INTERCOM-typed Channel with an assigned group of participants. Note that the channel configuration is provided by the template associated with INTERCOM-typed channel. An INTERCOM-type channel template must be defined (via the ConfigureChannelDefaults service) prior to invoking this service method.
ConfigureChannelDefaults	Specify a configuration template for a given type of Channel entity. If a template already exists for the channelType and organizationId, this template will overwrite the existing one. A channel template is used to provide configuration defaults when creating new Channels.
GetChannelDefaults	Retrieve the channel template for a given organization and channelType.
PageChannels	Fetch a 'page' of channels. This method is used to enumerate all channels defined in the system. Because the set of channels may be very large this service acts as a generating function, returning a sequence of channel 'pages' similar to a database cursor.
FindChannels	Search for Channels by name.

4.6 AuditLogService

Entry points for global operations on the audit logs. Refer to product guide documentation for API details.

4.6.1 AuditLogService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
PageAuditLogs	Page audit logs for a timeframe and optional filters.
GenerateAuditLogReport	Submit a task to generate audit log report.
PurgeAuditLogs	Purge audit logs for a timeframe and optional filters.

4.6.2 AuditLogService events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
AuditLogAdded	Emitted when event audit log is persisted in Data Base.
AuditLogReportReady	Emitted when report is generated and persisted in MinIo.
AuditLogPurgeStatusUpdated	Emitted when the purge audit log job is completed.

4.7 DataManagementService

Entry points for global operations on the data management. Refer to product guide documentation for API details.

4.7.1 DataManagementService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
BackupData	Backup system data.
GetBackupStatus	Return current backup process status.
GetBackupConfig	The backup configuration for organizationId.
RestoreData	Restore system data.
BulkImportFromActiveDirectory	Bulk import users from a directory server.

4.7.2 DataManagementService events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
DataBackupStatusUpdated	Emitted when data backup is ready and persisted in MinIo.
DataRestoreStatusUpdated	Emitted when system restore is completed.
SystemStateChanged	Emitted when the system state is changed.
BulkImportStatusUpdated	Emitted when bulk import from AD is completed.

4.8 P25CryptoService

Entry points for global operations on the P25 Crypto Key. Refer to product guide documentation for API details.
4.8.1 P25CryptoService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreateP25CryptoKey	Creates a P25 Crypto key.
ListAllP25CryptoKeys	Returns the list of all P25CryptoKeys.

4.9 RoleService

Service APIs for managing user roles. A Role represents a set of granted permissions. Persons are assigned (one or more) Roles and inherit, additively, the permissions granted by each Role. Refer to product guide documentation for API details.

4.9.1 RoleService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreateRole	Create a new role.
ListAllRoles	List all roles defined within an organization.

4.10 ChannelGroupService

Service APIs for managing channel groups. Channel groups are not yet supported in ICE Server. Refer to product guide documentation for API details.

4.10.1 ChannelGroupService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreateChannelGroup	Create a new channel group within a given Organization.
ListAllChannelGroups	List all channel groups within a given Organization.

4.11 FileDataService

Service APIs for managing file's metadata. Refer to product guide documentation for API details.

4.11.1 FileDataService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
GetPresignedUrl	Get a pre-signed URL that is valid for an expiration time and only allows certain actions on file.
CreateFileData	Create a new file data record.
PageFileData	Enumerate the FileData objects sorted by file name in ASC order.

4.12 PersonGroupService

Service APIs for managing person groups. A PersonGroup is a collection if Person entities that can be aggregated together for common administrative purposes. Refer to product guide documentation for API details.

4.12.1 PersonGroupService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreatePersonGroup	Create a new person group.
PagePersonGroups	Enumerate the PersonGroup objects.
FindPersonGroups	Search for PersonGroups by name.

4.13 ExternalServerService

Service APIs for managing external servers. An external server is an ICE Server software component that can communicates with the platform's services using the same APIs that a user agent would (that is, an external server does not access the database or message bus directly). However, unlike an end user, an external server has organization-level access to all services and entities in the system. Refer to product guide documentation for API details.

4.13.1 ExternalServerService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
CreateExternalServer	Create a new external server entity.
CreateExternalServerV3	Create a new external server entity. This version supports leader election.
CreateExternalServerV2	Create a new external server entity version 2. Instead of providing profile, customConfig parameter is provided that is specific for each serverType.
ListAllExternalServers	List all external servers.
GenerateToken	Generate a new authentication token. This service 'rolls' the auth token used to connect to the platform by issuing a new token and invalidating the previous one.

4.14 OrganizationService

Service APIs for managing Organizations (tenants) in an ICE Server system. Note that as of release 1.1.0, Instant Connect Enterprise clients (ICE Mobile and ICE Desktop) do not support multi-tenant deployments. These clients will always use the default Organization. Refer to product guide documentation for API details.

4.14.1 OrganizationService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
CreateOrganization	Create a new organization.
ListAllOrganizations	List all organizations.

4.15 SessionService

Service APIs for managing user sessions. Refer to product guide documentation for API details.

4.15.1 SessionService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
SetActivePlatformClient	Set the platform client entity that this session is associated with. A 'platform client' represents a abstract user of the system, typically a Person but may be a ExternalServer or other entity. When connecting via web socket, this method must be invoked immediately (as the first platform call) to establish the role and authorizations associated with the user. This method has no purpose for RESTful web service consumers.
AddChannelsToWatch	Register one or more Channels as being 'watched' by the client. When a channel is being watched by a client, broadcast messages (like 'base:ValueChange', indicating that a property has changed) will be delivered to the client. The 'watch' is only valid for the duration of the session, and only channels that have been assigned to a user may be 'watched' (that is, a user cannot observe channels they are not entitled to participate in). This method is deprecated as of API Level 2; channels are now automatically 'watched' by users assigned to them.

Name	Description
RemoveChannelsToWatch	Remove one or more channels from the watch list. Deprecated as of API Level 2. See 'AddChannelsToWatch' for details.
UpdateChannelSubscriptions	Add or update one or more Channels as being 'watched' by the client. When a channel is being watched by a client, broadcast messages (like 'base:ValueChange', indicating that a property has changed) will be delivered to the client. The 'watch' is only valid for the duration of the session, and only channels that have been assigned to a user may be 'watched' (that is, a user cannot observe channels they are not entitled to participate in).
RemoveChannelSubscriptions	Register one or more Channels as being 'watched' by the client. When a channel is being watched by a client, broadcast messages (like 'base:ValueChange', indicating that a property has changed) will be delivered to the client. The 'watch' is only valid for the duration of the session, and only channels that have been assigned to a user may be 'watched' (that is, a user cannot observe channels they are not entitled to participate in).
ListSubscriptions	Return the current list of ChannelSubscription objects and EventSubscription the current client session is subscribed to.
Log	Log an event to the server.
GetCertStore	Retrieve the latest CertStore(s) for the client.

4.15.2 SessionService events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
SessionExpired	Emitted when a user is logged out (manually or automatically), and their session has been destroyed.

4.16 LicenseService

Service APIs for managing ICE Server licenses. Refer to product guide documentation for API details.

4.16.1 LicenseService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
UploadLicenseFile	Upload and install a license file to the ICE Server. License files are generated by Instant Connect and are cryptographically signed to prevent tampering.
GetLicenseInfo	Retrieve information about the set of features licensed on this system.
GetLicenseInfoV2	Retrieve information about the set of features licensed on this system.
GetAllowedLicenseCount	Retrieves the licensed count of a given feature.
GetConsumedLicenseCount	Retrieves the number of licenses consumed (or in use) for a given feature.
GetCurrentLicenseConsumers	Retrieve detailed information about the consumers of a given license.

Name	Description
PageLicenseConsumers	Retrieve detailed information about the consumers of a given license.
GetInstallationId	Get the unique installation ID for this Instant Connect Enterprise installation. The installation ID uniquely identifies this installation; licenses are tied to an installation ID to prevent a license files from being shared across customers or deployments.
GrantLicenseFeatureForEntity	Grant a license feature for an entity such as person, external server, etc.
RemoveLicenseFeatureFromEntity	Remove a license feature for an entity such as person, external server, etc.
ReleaseLicenseAssignments	Cleanup licenses for a given featureKey and assignmentCount.

4.16.2 LicenseService events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
LicenseUploaded	Emitted when a license file has been uploaded successfully.
LicenseUploadFailed	Emitted when a license file fails to be uploaded.

4.17 AlertService

Entry points for global operations on the alerts. Refer to product guide documentation for API details.

4.17.1 AlertService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreateAlerts	Create an alert for an entity.
ListAlertsForEntity	List all alerts for a given entityId and entityType.
ListAlertsForPerson	List alerts for a given person. It should include all the organization, and channel alerts that this person is part of.
RespondAllAlerts	Respond to all non-responded alerts. Mark alerts as read.

4.18 P25ISSIGRadioService

Entry points for global operations on the P25 ISSI Radio Systems. Refer to product guide documentation for API details.

4.18.1 P25ISSIGRadioService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
CreateP25ISSIGRadioTalkGroup	Create a P25 ISSIG radio talk group object.

Name	Description
PageChannelsWithP25ISSIGRadioGroup	Page all channels assigned a P25ISSIGRadioTalkGroup.
PageP25ISSIGRadioGroups	Page P25ISSIG Radio talk groups. This method is used to enumerate all PageP25ISSIGRadioGroups defined in the system.
AssignRadioSystemToRadioGateway	In rare occasion, assign a different radio system to a radio gateway entity.

4.19 PersonService

Service APIs for managing persons. A Person is a user of the Instant Connect Enterprise system who can log into ICE Server and access resources. A Person exists for every user of the system, even if their identity or credentials are based on LDAP. Note that 'tactical'-mode users do not necessarily have or require a Person entity in ICE Server as these users do not have to log in for access to tactical channels. Refer to product guide documentation for API details.

4.19.1 PersonService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
CreatePerson	Create a new person in the same Organization as the caller, including login credentials and default authorization and channel grants. This is a deprecated, native 'REST' API intended for self-service creation of new users and may be removed in the future. Use 'CreatePersonForOrganization' instead.
CreatePersonForOrganization	Create a new person in a specified Organization, including login credentials and default authorization and channel grants.
SendPasswordReset	Generate a password reset token and notify the user. Not supported.
ResetPassword	Reset a user's password via a password reset token retrieved from 'SendPasswordReset'. Not supported.
UpdatePasswordForPerson	Change the password for a given person.
PagePersons	Retrieve a 'page' of users in the system. Because the set of people may be very large, this service acts as a generating function, returning a sequence of Person-entity 'pages' similar to a database cursor. See 'PagePersonsEs' for a more advanced version of this service.
FindPersons	Find Person entities matching a search query.
PagePersonsEs	Enumerate Person entities for a given organization. Because the set of people may be very large, this service acts as a generating function, returning a sequence of Person-entity 'pages' similar to a database cursor.

Name	Description
GenerateRestToken	Generate an API key that can be used to access ICE Server through RESTful web services. A user may have only a single token active active at any given time. If a access token was previously created for this user, the old token will be invalidated.
DisableRest	Revoke access to the REST APIs that was previously granted through a call to 'GenerateRestToken'. Has no effect if the given user does not have a REST API access token assigned to them.
RetrieveSecretMetadata	Retrieve a Person's 'secret' metadata, like RestToken, IP Telephony Digit ID, etc.
ExpireUserSessions	Force the termination of a Person's active user sessions. This effectively logs a user off from the ICE Server. Any session tokens previously issued to the user will be revoked and the user will need to use their username and password credentials to reconnect to the system.
UploadClientLogs	Request a client to upload client side logs.
VerboseLogging	Request a client to on verbose logging.

4.19.2 PersonService events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
LogsInquired	Emitted when administrator inquired client logs.
VerboseLoggingRequested	Emitted when administrator request new verbose logging state.

4.20 P25DFSIGRadioGatewayService

Entry points for global operations on the P25 DFSIG radio gateway and fixed stations. Refer to product guide documentation for API details.

4.20.1 P25DFSIGRadioGatewayService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreateDFSIGRadioGateway	Creates a new P25 radio gateway capable of DFSI (Digital Fixed Station Interface) for conventional radio systems and ISSI (Inter Sub-System Interface) for trunked radio systems.
ListAllDFSIGRadioGateways	List all P25 DFSIG radio gateway.
CreateFixedStation	Create a fixed station.
SetDefaultDFSIGRadioGateway	Set the given DFSIG radio gateway as the default one for the organization. If there is already a default, will replace the existing one as the default.
ListAllFixedStations	Returns the list of all fixed stations.
AssignFixedStation	Assign a fixed station to an addressable entity.
UnassignFixedStation	Unassign a fixed station.
PageChannelsWithFixedStation	Page all channels assigned a fixed station.

4.21 ReflectorService

Entry points for global operations on the static reflectors. Refer to product guide documentation for API details.

4.21.1 ReflectorService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreateStaticReflector	Creates a new static reflector.
ListAllStaticReflectors	List all static reflectors.

4.22 WorkflowService

Service APIs for managing workflows. Refer to product guide documentation for API details.

4.22.1 WorkflowService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreateWorkflow	Create a new workflow entity.
CreateSystemWorkflow	Create a new system level workflow entity.
ListAllWorkflows	List all workflows.

4.23 TextMessageSessionService

Entry points for global operations on the TextMessageSession and TextMessage. Refer to product guide documentation for API details.

4.23.1 TextMessageSessionService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreateTextMessageSession	Create an TextMessageSession for an entity.
ListTextMessageSessionsForEntity	List all TextMessageSession entities for a given entityId and entityType.
ListTextMessageSessionInfosForEntit	List all TextMessageSessionInfo objects (each includes TextMessageSession, creator, and last TextMessage) for a given entityId and entityType.
PageTextMessageSessions	Fetch a 'page' of text message sessions. This method is used to enumerate all text message sessions defined in the system.

4.24 MetricService

Entry points for global operations on the metrics. Refer to product guide documentation for API details.

4.24.1 MetricService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description
ReportMetrics	Report metrics as attribute/value pair.
ReportLogs	Report metrics as log records.
ReportCdr	Report PTT call data.

4.25 WebhookService

Service APIs for managing outbound webhooks. Refer to product guide documentation for API details.

4.25.1 WebhookService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreateOutboundWebhook	Create an outbound webhook.
ListWebhooks	List all webhooks for a given organization.

4.26 TelephonyService

Service APIs for managing telephony functions. Refer to product guide documentation for API details.

4.26.1 TelephonyService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Name	Description	
AddDialNumber	Add a dial number. A dial number represents dial-able endpoint registered with a PBX/call manager.	
UpdateDialNumber	Update a dial number.	
RemoveDialNumber	Remove a dial number.	
FindDialNumber	Find a dial number.	
AssignDialNumber	Assign a dial number to an addressable entity.	
UnassignDialNumber	Unassign a dial number.	
PageDialNumbers	Page dial numbers. This method is used to enumerate all DialNumbers defined in the system. Because the set of DialNumbers may be very large this service acts as a generating function, returning a sequence of DialNumber 'pages' similar to a database cursor.	
ListAllRegistrars	List all registrars.	
PageDialNumbersForRegistrar	List all dial numbers assigned to a given registr Because the set of DialNumbers associated wit a Registrar may be very large this service acts a a generating function, returning a sequence of DialNumber 'pages' similar to a database curso	
PageChannelsWithDialNumber	Page all channels assigned a dial number.	
MakeCall	Place a call to another Instant Connect user or PSTN number.	
ListAllAssignedDialNumbers	List all assigned dial numbers.	
EndCall	Terminate an in-progress call.	
SendDTMFTone	Each time a dial pad key is pressed, the client will send a request to the server that will in turn be passed on to the gateway hosting the calling id.	

Name	Description	
GetCallDetailedRecord	Each time a dial pad key is pressed, the client will send a request to the server that will in turn be passed on to the gateway hosting the calling id.	

4.26.2 TelephonyService events

An event represents a message sent from the server to a client asynchronously and not in response to a specific method invocation. Events are not supported via the REST web services interface.

Name	Description
DialNumberAdded	Emitted when a DialNumber has been added in the system.
DialNumberRemoved	Emitted when a DialNumber has been removed from the system.
DialNumberAssigned	Emitted when a DialNumber has been assigned to a Person or Channel.
DialNumberUnassigned	Emitted when a DialNumber has been unassigned from a Person or Channel.
DialNumberChanged	Emitted when a DialNumber has been modified.
DTMFToneReceived	Emitted when a dial pad key is pressed.

4.27 CiscolPPhoneService

Entry points for global operations on the Cisco IP Phone. Refer to product guide documentation for API details.

4.27.1 CiscolPPhoneService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
EnableIpPhone	Enable IP Phone for Person.
DisableIpPhone	Disable IP Phone for Person.

4.28 PatchService

Entry points for global operations on the patches. Refer to product guide documentation for API details.

4.28.1 PatchService methods

A method is a function or procedure that can be invoked on the ICE Server. A method accepts zero or more arguments and produces a response indicating whether the procedure executed successfully and, optionally, data produced as a result of executing the function.

Consult the product guide and OpenAPI (Swagger) documentation for details on the syntax and semantics of each method's arguments and response.

Name	Description
CreatePatch	Creates a new patch.
ListAllPatches	List all patches.
CreatePatchAgent	Create a new patch agent.
SetDefaultPatchAgent	Set the given patch agent as the default one for the organization. If there is already a default, will replace the existing one as the default.

5 Types

A type defines the structure of a complex data object used in Instant Connect applicable to an attribute type or method argument or response object attribute.

A type defines the format and nature of data that can be used as inputs or outputs in API methods. It specifies how data is structured, stored, and interpreted, ensuring consistency and accurate communication between different software components. By explicitly defining data types, this information enables developers to understand the expected data format, aiding in proper data handling, validation, and seamless interaction between applications and services.

5.1 TextMessageSessionInfo

Provides detailed information on TextMessageSession, its Creator, and last TextMessage in the session.

5.1.1 TextMessageSessionInfo attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
textMessageSession	TextMessageSession	The TextMessageSession.
creator	PersonDescriptor	The person who had created TextMessageSession.
lastTextMessage	TextMessageDescriptor	The last TextMessage in the TextMessageSession.

5.2 AttachmentDescriptor

Describes an attachment within a TextMessage.

5.2.1 AttachmentDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
fileName	string	File name to display for end user.
contentType	string	File content type.
expiredAt	timestamp	File expiration time.
url	string	URL to download a file. Will be returned only for PageTextMessages request.

5.3 DefaultExternalServerConfig

Describes a base customConfig attributes in the ExternalServer entity.

5.3.1 DefaultExternalServerConfig attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
serverType	enum	The type of server component being created. SIP refers to an 'ICE Telephony' SIP gateway. RCS refers to an ICE Radio gateway. REGISTRAR is a SIP/PBX registration endpoint. REST is a REST web services bridge. PATCHAGENT is a Patch Agent. One of DFSIG, FIXEDSTATION, NEXEDGE_RADIO_GATEWAY, NEXEDGE_RADIO_SYSTEM, PATCHAGENT, REFLECTOR, REGISTRAR, REST, SIP, P25ISSIG_RADIO_GATEWAY, P25ISSIG_RADIO_SYSTEM, or RECORDING_AGENT.
isDefault	bool	True if the entity is the default external server for particular external server type.

5.4 WorkflowEventDescriptor

Describes an event that triggers a workflow.

5.4.1 WorkflowEventDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
eventType	enum	Event type. One of SCHEDULED, LOCATION, or WEBHOOK.
contextData	map <dynamic></dynamic>	Specific event data that describes the event. It should be WorkflowEventLocationDescriptor, WorkflowEventScheduledDescriptor or WorkflowEventWebhookDescriptor.

5.5 HistoryLog

An entry in the system's event history log.

5.5.1 HistoryLog attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
timestamp	timestamp	The time at which the event occurred.
subjectAddress	string	The address (namespace and ID) of the subject entity that performed the action.
subjectName	string	The name of the subject.
shortMessage	string	A short message describing the action.
longMessage	string	A longer message describing the details of the action.

Name	Туре	Description
key	string	A key representing the category of action performed.

5.6 KenwoodNexedgeRadioSystemConfig

 $Describes an custom Config attribute in the {\tt ExternalServer} entity for server type {\tt NEXEDGE_RADIO_SYSTEM}.$

5.6.1 KenwoodNexedgeRadioSystemConfig attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
localTransport	string	The IP port number and protocol of the registrar.
maxAttemptsToRe	e ġnt ter	The maximum number of retry attempts when registering. Defaults to -1, meaning no limit.
ipGatewayNumber	rint	This is a 12 bit value configured on the radio system.
systemCode	int	This is a 20 bit value configured on the radio system.
siteClass	enum	This represents the type of system configured on the radio system; local (1), regional (2), global (0). One of LOCAL, REGIONAL, or GLOBAL.

Name	Туре	Description
assignedRadioGalė∞ays		A list of RadioGateway descriptor.
	KenwoodNexedgeRad	lioGatewayDescriptor
	>	

5.7 EventSubscription

Represents client's event subscription preferences.

5.7.1 EventSubscription attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
subscribedBaseEventEntities	set< string>	A list of entity addresses from whose base events the client is interested in receiving. i.e 'SERV:person:ef3c5bb9-04c9-480c-9c17- 5aa17e352894' for a particular person, or 'SERV:person:' <i>for any person or 'SERV</i> ::*' for any entity related to this channel, or '' for no entities.

Name	Туре	Description
subscribedCustomEventEnt	itieset< string>	A list of entity addresses from whose custom events the client is interested in receiving. i.e 'SERV:person:ef3c5bb9-04c9- 480c-9c17-5aa17e352894' for a particular person, or 'SERV:person:' <i>for any person or</i> <i>'SERV</i> ::*' for any entity related to this channel, or '' for no entities.

5.8 EntityTemplate

Describes the default configurations of an entity.

5.8.1 EntityTemplate attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, int , bool, timestamp, or enum); a
typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
id	string	The ID of the template.
organizationId	string	The ID of the Organization that owns the entity.
contentType	string	The type of content.
content	string	The JSON-serialized representation of the content.
created	timestamp	The timestamp representing when the entity was created.

Name	Туре	Description
modified	timestamp	The timestamp representing when the entity was last updated.

5.9 BackupConfigDescriptor

A description of backup configuration.

5.9.1 BackupConfigDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
maxNumberOfBackups	int	Indicates maximum number of backups allowed.
includeAuditLogs	bool	Indicates either include or exclude audit logs from the system backup.
includeFileAttachments	bool	Indicates either include or exclude text message attachments from the system backup.
includeArchivedRecordings	bool	Indicates either include or exclude archived recordings from the system backup.

5.10 LicenseInfo

A description of licensed features and their consumers.

5.10.1 LicenseInfo attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
licenseConsumers	list <licenseconsumer></licenseconsumer>	An array of LicenseConsumer objects representing the entities actively consuming a license.
licenseFeatures	list <licensefeature></licensefeature>	An array of LicenseFeature objects representing the set of features entitled by the license.
licenses	list <license></license>	An array of License objects.
organizationId	string	The ID of the Organization that this LicenseInfo belongs to.

5.11 CallDetailedRecordDescriptor

Describes a telephony call detailed record.

5.11.1 CallDetailedRecordDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes. Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
id	string	The Arcus id for the call.
created	timestamp	The timestamp when the call is initiated.
modified	timestamp	The last time this record was updated.

5.12 OrganizationConfig

Describes an organization's config.

5.12.1 OrganizationConfig attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
checkSameFdx	bool	Specifies if same fdx checks should be done for channels in same patch.
checkSameEncryptionSettings	bool	Specifies if same encryption settings checks should be done for channels in same patch.
crashReportType	enum	Specifies the type of crash reporting settings for an organization. Can be null or one of the types: [DISALLOW, ALLOW, PER_CLIENT]. One of DISALLOW, ALLOW, or PER_CLIENT.

Name	Туре	Description
dfsigLoadBalanceType	enum	Defines either radio gateway will be assigned to fixed stations manually or automatically. By default manual. One of MANUAL, or AUTO.
singleDevice	bool	Switch on/off single device login mode.
pivLogin	bool	Switch on/off piv-login capability.
textMessageAttachmentExpiration	I riDa tys	Expiration time in days for text message attachment.
auditLogExpirationInDays	int	Expiration time in days for AuditLogs data.
enableMulticastFailover	bool	Enable multicast failover.
archivedRecordingExpirationInDa	y sint	Expiration time in days for archived audio recordings.
enableTextAlert	bool	Enable text alerts.
ldapCacheCreds	bool	Enable caching user's password.
ldapSimulateOffline	bool	Enable flag to assume LDAP server is offline.

5.13 Registrar

A SIP registrar.

5.13.1 Registrar attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
id	string	A unique ID representing this registrar.
serverAddress	InetAddress	The hostname or IP address of the registrar. Note that geoLocation is not supported for this API; any value provided in this field will be ignored.
localTransport	string	The IP port number and protocol of the registrar. For example, '5080/udp'.
maxAttemptsToRegister	int	The maximum number of retry attempts when registering. Defaults to -1, meaning no limit.
realm	string	The authentication realm, for example 'instantconnectexpress.com'. Default is '*'.
scheme	string	The RFC 2617 HTTP digest authentication scheme used by the SIP protocol. For example, 'digest'.

5.14 SortOrder

An ordering on a list.

5.14.1 SortOrder attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes. Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
field	string	The name of the field or attribute by which the list should be ordered.
direction	enum	The direction that the list should be ordered. ASC means ascending order: 09, az. DESC means descending order: 90, za. When not specified, ASC is assumed. One of ASC, or DESC.

5.15 LicenseFeatureBlockInfo

Provides detailed information on LicenseFeatureBlock and consumed count.

5.15.1 LicenseFeatureBlockInfo attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
licenseFeatureBlock	LicenseFeatureBlock	A model of a LicenseFeatureBlock.
consumedCount	int	The current count of licenses in use.

5.16 KenwoodNexedgeRadioGatewayDescriptor

Describes a KenwoodNexedgeRadioGatewayDescriptor type object.

5.16.1 KenwoodNexedgeRadioGatewayDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
customConfig	KenwoodNexedgeRadioGatewayConf	i ⊈his is the same Kenwood-
		NexedgeRadioGatewayConfig object
		in the customConfig attribute for the
		ExternalServer for this radio
		gateway.

5.17 DefaultRadioGatewayDescriptor

This is the Base RadioGatewayDescriptor type object that captures common attributes of any radio gateway descriptor such as KenwoodNexedgeRadioGatewayDescriptor or P25ISSIGGatewayDescriptor.

5.17.1 DefaultRadioGatewayDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
id	string	The ID of the external server entity that represent this radio gateway.
name	string	The human-readable name of this radio system.
status	string	The online/offline status of this ExternalServer. Updated automatically based on this ExternalServer having an active web socket connection to the platform.
reportedStatus	string	A status reported by an external server.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

5.18 WebhookHistoryDescriptor

Describes a webhook's history descriptor.

5.18.1 WebhookHistoryDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
webhookId	string	The ID of the Webhook entity.
webhookHistoryId	string	The time ID of the history record.

Name	Туре	Description
triggeredBy	string	The entity address that triggered the webhook.
status	enum	The status of the request for webhook. One of SUCCESS, or FAILED.
created	timestamp	The time webhook was created.
responseStatus	int	The outbound webhook response status code.
responsePayload	string	The outbound webhook response payload.

5.19 LicenseConsumer

A consumer of a licensed feature.

5.19.1 LicenseConsumer attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
organizationId	string	The ID of the Organization the licensed
		feature belongs to.

Name	Тура	Description
	туре	Description
featureKey	enum	The license feature key. One of
		MOBILE_CLIENTS, DESKTOP_CLIENTS,
		WEB_CLIENTS, IP_PHONE_CLIENT,
		RCS_CHANNELS,
		RECORDING_CHANNELS,
		VOICE_PORT_CHANNELS,
		ADVANCED_DESKTOP_USERS,
		ADVANCED_LOCATION_CONFIGURERS,
		BIOMETRIC_SERVICES_READERS,
		ADVANCED_ALERT_SERVICES,
		RESTFUL_SERVICES,
		PATCH_ADMINISTRATOR,
		WORKFLOW_ADMINISTRATOR,
		DFSI_CHANNELS, MELPE_CODEC,
		NEXEDGE_CHANNELS, or
		P25ISSI_CHANNELS.
ownerType	string	The type of license consumer: session
		user, channel, or entitlement grantee.
ownerId	string	The ID of the entity that is consuming the
		license.
acquiredTime	timestamp	A timestamp representing when the
		license was acquired.
metadata	man <string></string>	A map of key-value pairs describing the
ine cada ca	map (Ser Hig)	license consumer. Exact attributes and
		their meaning is specific to the feature
		type and consumer.
licenseBlockId	string	The ID of the license feature block
CICENSED LUCKIU	SUITIE	

5.20 CallDescriptor

Describes a call session between an Instant Connect entity and another party.
5.20.1 CallDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
sipCallId	string	An ID that uniquely represents the call. Used only when facilitated through a SIP gateway/call manager (i.e., a PSTN telephone call).
sipCallIndex	int	In internally-used value that identifies the call within an ICE Telephony server. For internal use only.
callType	enum	The type of call. INCOMING means the call originated from the PSTN and terminates at an ICE entity (Channel or Person). PRIVATE means the call occurs between Instant Connect users and does not use the PSTN. OUTGOING means the call originated from an Instant Connect user (Person entity) and terminates at the PSTN. One of INCOMING, PRIVATE, or OUTGOING.
callTo	PhoneContact	A PhoneContact object that describes the callee (receiving party), either a Person, or Channel.
callFrom	PhoneContact	A PhoneContact object that describes the caller (calling party).

Name	Туре	Description
callState	enum	The current state of the call session. UNREACHABLE means the callee could not be reached because they are offline, or the number can't be reached. This is a terminal state. RECEIVED indicates that the receiving party has been reached (ringing). Transitions to ESTABLISHED if they accept the call, REJECTED if they decline or FAILED if an error occurs. ESTABLISHED means the receiving party has accepted the call and a call session has been establish (the call is in progress). Transitions to HANGUP when either party chooses to end the call. FAILED indicates an error occurred while establishing the call. This is a terminal state. REJECTED means the receiving party was reached, but declined to accept the call. This is a terminal state. HANGUP indicates that one party has requested to end the call. Transitions to ENDED. ENDED means that an ESTABLISHED call was terminated. This is a terminal state. One of UNREACHABLE, RECEIVED, ESTABLISHED, FAILED, REJECTED, HANGUP or ENDED

5.21 WorkflowEventWebhookDescriptor

Describes an inbound webhook based event that triggers a workflow.

5.21.1 WorkflowEventWebhookDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
url	string	URL of the inbound webhook definition. Will be generated by Arcus during 'create' phase.
data	map <string></string>	A map of additional data to feed into the actions which may not come from the external clients.

5.22 PresenceChannelStatusDescriptor

Describes a user's presence status within the context of a single channel.

5.22.1 PresenceChannelStatusDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
channelId	string	The ID of the Channel entity that this status is associated with.
personId	string	The ID of the Person entity that this status is associated with.
associationType	enum	Person to channel association type. PERSON - when person assigned to channel directly, PERSON_GROUP - when person assigned to channel through person group. One of PERSON, or PERSON_GROUP.
deviceId	string	The device ID from the engage engine that uniquely identifies the device from which the user is logged in.
status	set <string></string>	A set of client-defined user statuses: 'muted'/'unmuted', 'active'/'inactive'.
created	timestamp	A timestamp representing when this status was created.
modified	timestamp	A timestamp representing when this status was last updated.
personGroupId	string	The ID of the Person Group entity through which person is associated with channel. Will be NULL in case person assigned directly.

5.23 DfsigRadioGatewayConfig

Describes an customConfig attribute in the ExternalServer entity for server type DFSIG.

5.23.1 DfsigRadioGatewayConfig attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name Type Description

5.24 P25ISSIGRadioGatewayDescriptor

Describes a P25ISSIGRadioGatewayDescriptor type object.

5.24.1 P25ISSIGRadioGatewayDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
customConfig	P25ISSIGRadioGatewayConfig	This is the same P25ISSIGRadioGatewayConfig object in the customConfig attribute for the ExternalServer for this radio gateway.

5.25 JobStatusDescriptor

Describes a job status which is normally emitted as part of an event after a background job is completed.

5.25.1 JobStatusDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
jobId	string	The background job id.
jobStatus	enum	The job status for the DataBackup request. One of RUNNING, EXECUTE_COMPLETED, EXECUTE_FAILED, POST_EXECUTE_COMPLETED, or POST_EXECUTE_FAILED.
errorDescription	string	An error description if the job failed.

5.26 FixedStationConfig

Describes an customConfig attribute in the ExternalServer entity for server type FIXEDSTATION.

5.26.1 FixedStationConfig attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
radioGatewayId	string	The internal ID of the P25 radio gateway. If not specified, the default radio gateway will be used.
unitId	int	This is the talkerId seen by receiving remote radios when an ICE client is transmitting to the FS. Hex value, valid range is 1 thru FFFFFF.
nac	int	Network access code, similar to CTCSS/DCS in the analog world. Hex value, valid range is 0 thru FFF.
talkGroupId	int	Talk group ID. Hex value, valid range is 0 thru FFFF.
channelId	string	The channel ID to which the fixed station is assigned.
channelName	string	The channel name to which the fixed station is assigned.

5.27 KenwoodNexedgeRadioGatewayConfig

Describes an customConfig attribute in the ExternalServer entity for server type NEXEDGE_RADIO_GATEWAY.

5.27.1 KenwoodNexedgeRadioGatewayConfig attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
consoleId	int	This is a 16 bit value configured on the radio system.
radioSystemId	string	The ID of the radio system that the gateway is assigned to.

5.28 CallDurationRecordDescriptor

A description of call duration record.

5.28.1 CallDurationRecordDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
traceId	string	An identifier for grouping together all related records.
name	enum	Represents the logical operation of this record. One of tx, rx, txcall, or rxcall.
timestamp	int	Unix epoch time, in microseconds.
duration	int	Duration of ptt event in microseconds.
tags	map <dynamic></dynamic>	Used for any additional metadata.

5.29 RegistrarConfig

Describes an customConfig attribute in the ExternalServer entity for server type REGISTRAR.

5.29.1 RegistrarConfig attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
apiport	int	Api port.
localTransport	string	The IP port number and protocol of the registrar. For example, '5080/udp'.
maxAttemptsToRegister	int	The maximum number of retry attempts when registering. Defaults to -1, meaning no limit.
realm	string	The authentication realm, for example 'instantconnectexpress.com'. Default is '*'.
рw	string	Password for authentication.
login	string	Login for authentication.
scheme	string	The RFC 2617 HTTP digest authentication scheme used by the SIP protocol. For example, 'digest'.
sipTrunk	bool	Sip trunk.
vendor	string	Vendor.

5.30 P25ISSIGRadioSystemConfig

Describes an customConfig attribute in the ExternalServer entity for server type P25ISSIG_RADIO_SYSTEM.

5.30.1 P25ISSIGRadioSystemConfig attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
localTransport	string	The IP port number and protocol of the registrar.
maxAttemptsToReg	g ist er	The maximum number of retry attempts when registering. Defaults to -1, meaning no limit.
rfssId	int	This is a 8 bit value configured on the radio system (1-254).
systemId	int	This is a 12 bit value configured on the radio system (1 - 4094).
wacnId	int	This is a 20 bit value configured on the radio system (1 - 1048574).
assignedRadioGat	a dwayt≾ P25ISSIGRadioGatewayDescri ≻	A list of RadioGateway descriptor. ptor

5.31 LogDescriptor

A description of Log entry.

5.31.1 LogDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These

attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
timestamp	timestamp	Client suppplied timestamp. If null, will use the log receive timestamp.
severity	enum	Log severity. If null, default INFO. One of DEBUG, INFO, WARN, ERROR, or TRACE.
tags	list <string></string>	A list of tags associated with the log.
message	string	Log content.

5.32 WorkflowActionDescriptor

Describes a workflow action. Multiple actions can be defined within a workflow and will be executed in sequence.

5.32.1 WorkflowActionDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
destination	string	Action destination.
actionType	string	Action type. Supported: chan:OpenIntercomChannel,chan:Remove,chan:AssignPe
attributes	map <dynamic></dynamic>	Action attributes.
includeTriggeredPerson	bool	If true, the triggered person will be included in the action definition if the action supports a triggered person. For chan:OpenIntercomChannel, the person will be included in the participant list; For alert:CreateAlerts, the person will receive the alert; For chan:AssignPersonsToChannel,chan:RemovePersonsFrom the person will be added or removed from the channel.

5.33 PatchAgentConfig

Describes an customConfig attribute in the ExternalServer entity for server type PatchAgent.

5.33.1 PatchAgentConfig attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name Type Description

5.34 GpsLocation

A geographic coordinate consisting of latitude, longitude and elevation.

5.34.1 GpsLocation attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
latitude	double	The latitude of the location.
longitude	double	The longitude of the location.
elevation	double	The elevation of the location.

5.35 Geofence

A geofence that is a virtual perimeter for a real-world geographic area. It can be described as a Geo-Radius or GeoPolygon.

5.35.1 Geofence attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
id	string	The id of the GeoFence object that exists in Arcus.
geoType	enum	GeoFence type. If POLYGON, polygon attribute should be specified; If CIRCLE, circle attribute should be specified. One of POLYGON, or CIRCLE.
circle	GeoRadius	A point and radius to define a geo fencing boundary.
polygon	GeoPolygon	A polygon of points to define a geo fencing boundary.

5.36 StreetAddress

A street address.

5.36.1 StreetAddress attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
line1	string	The first line of the street address.
line2	string	The second line of the street address, when required.
city	string	The name of the city.

Name	Туре	Description
state	string	The 2-character state ZIP abbreviation code. For example, 'MN' for Minnesota.
zip	string	The zip code, either the 5-digit zip (i.e., 60614) or 9 digit zip-plus-4 (60614-5009).

5.37 WorkflowEventContext

Contains dynamic event triggering context.

5.37.1 WorkflowEventContext attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
eventType	enum	Triggered event type. One of SCHEDULED, LOCATION, or WEBHOOK.
triggeredTime	timestamp	The timestamp when the event is triggered.
triggeredBy	string	The platform address of the entity that triggered the event.
workflowId	string	Workflow Id for which the event belongs to.

Name	Туре	Description
triggeredLocation	GpsLocation	The GPS location where the triggeredBy entity is that triggered the event. Only used by LOCATION event.
incomingHeaders	map <string></string>	The request http headers sent via the incoming webhook.
incomingContent	string	The request content sent via the incoming webhook.

5.38 GeofenceDescriptor

A geofence descriptor is a virtual perimeter for a real-world geographic area, which could contain one or more geofence definitions.

5.38.1 GeofenceDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
id	string	The id of the GeoFenceEntity object that exists in Arcus.
geoData	list <geofence></geofence>	Geofence definition.

Name	Туре	Description
trigger	enum	If ENTRY, the workflow will be triggered when any participant enters the geofence boundary; If EXIT, the workflow will be triggered when any participant leaves the geofence boundary. One of ENTRY, or EXIT.
creatorAddress	string	Platform address of the creator entity.

5.39 PresenceDescriptor

Describes a user's global presence status within the Instant Connect application.

5.39.1 PresenceDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
presenceId	string	The ID of the Presence entity.
personId	string	The ID of the Person whose presence is being described.
deviceId	string	The ID of the device from which the person is reporting presence information.
sessionId	string	The ID of the user's session.

Name	Туре	Description
status	enum	The online/offline state of the user. One of online, or offline.
statusTime	timestamp	A timestamp representing when this status was reported.
userStatus	string	A user-defined, human-readable string describing their user's presence. For example, 'On vacation' or 'At lunch'.
channelStatus	sdsist< PresenceChannelStatusDescript >	An array of ChannelStatusDescriptor o objects representing the user's per-channel statuses.
locationHisto	orlyist< PresenceLocationDescriptor>	An array of PresenceLocationDescriptor objects, listed in descending order (most recent location being first) of each reported change in location by the user.
lastLogonTime	etimestamp	A timestamp representing when the person is logon last time.

5.40 PersonDescriptor

Contains a subset of Person data used during a FindPerson or PagePerson during which large number of people maybe returned.

5.40.1 PersonDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
id	string	Person id.
alias	string	An alias or screen name associated with this Person.
email	string	The primary email address of this Person.
firstName	string	The first name of this Person.
lastName	string	The surname of this Person.
managed	bool	When true, this Person's identity is provided by LDAP. When false, this Person is a 'local' user whose identity is managed by Instant Connect.
organizationId	string	The ID of the organization that this Person belongs to.
platformClientI	dstring	The ID of the PlatformClient that is associated with this Person.
roles	set <string></string>	A set of Roles assigned to this Person which each value is the name of a Role defined through the Role Service. Represents the aggregate set of access permissions granted to this user.
status	string	The online/offline status of this Person. Updated automatically based on this Person having an active web socket connection to the platform.
userName	string	A unique username that identifies this Person in the system.
transmitPriorit	y int	The transmit priority.

Name	Туре	Description
latestLocation	PresenceLocationDescriptor	The latest location data reported by the person's device.
latestChannelPre	e sleinsdæ s PresenceChannelStatusDescr >	The latest channel presence data report ed by the person if he is online. No channel presence data will exist if he is offline.

5.41 LicenseFeature

A licensed feature.

5.41.1 LicenseFeature attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
created	timestamp	A timestamp representing when the license feature was created.
modified	timestamp	A timestamp representing when the license feature was last modified.
organizationId	string	The ID of the Organization that the license belongs to.

Name	Туре	Description
featureKey	enum	The license feature key. One of MOBILE_CLIENTS, DESKTOP_CLIENTS, WEB_CLIENTS, IP_PHONE_CLIENT, RCS_CHANNELS, RECORDING_CHANNELS, VOICE_PORT_CHANNELS, ADVANCED_DESKTOP_USERS, ADVANCED_LOCATION_CONFIGURERS, BIOMETRIC_SERVICES_READERS, ADVANCED_ALERT_SERVICES, RESTFUL_SERVICES, PATCH_ADMINISTRATOR, WORKFLOW_ADMINISTRATOR, DFSI_CHANNELS, MELPE_CODEC, NEXEDGE_CHANNELS, or P25ISSI_CHANNELS.
controlMode	string	The license control mode: 'session', 'channel', 'entitlement', or 'all_none'.
allowedCount	int	The maximum number of licenses allowed to be in use at any one time.
initiationDate	timestamp	A timestamp representing the earliest time and date that this feature is allowed to be used.
expirationDate	timestamp	A timestamp representing the latest time and date that this feature is allowed to be used.
gracePeriod	int	The number of days after 'expirationDate' that a consumer will be allowed to continue using the licensed feature, with a warning.

5.42 DialNumber

Represents an endpoint that can be reached ('dialed') from from a telephony system.

5.42.1 DialNumber attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
id	string	An Instant Connect-generated string that uniquely identifies the DialNumber object.
organizationId	string	The ID of the Organization that this DialNumber is associated with.
number	string	The dial number.
name	string	A human-readable name associated with this DialNumber.
description	string	A human-readable description of this DialNumber.
userName	string	The userName used to authenticate this DialNumber with the SIP registrar.
password	string	The password used to authenticate this DialNumber with the SIP registrar.
registrarId	string	The ID of the Registrar entity that this DialNumber is associated with.
entityId	string	The ID of the Instant Connect entity (i.e., Person or Channel) that this DialNumber has been assigned.

Name	Туре	Description
entityType	string	The type of entity this DialNumber has been assigned to. One of 'person' or 'channel'.
status	enum	Keep track of its registration status to the call manager. One of NEW, REGISTERED, or REGISTER_FAILED.
accessCode	string	The access code used to control access to the channel a person can dial into.

5.43 AlertResponseDescriptor

Describes an alert response by a recipient.

5.43.1 AlertResponseDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
recipient	string	The platform address of the entity that responded the alert.
response	string	Response content.
responseTime	timestamp	Response timestamp.

5.44 TimeZone

Description of a time zone.

5.44.1 TimeZone attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
id	string	The unique ID of the time zone.
name	string	The human-readable display name of the time zone.
offset	double	The time zone's offset from UTC, in hours.
usesDST	bool	When true, indicates that this time zone follows daylight saving time.

5.45 ReflectorProfileDescriptor

Describes a reflector configuration profile.

5.45.1 ReflectorProfileDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
limits	map< int >	A map of limit definition, i.e. maxClients, maxPeers, maxMulticastReflec- tors,maxRegisteredStreams,maxStreamPaths,maxRxPack
txOptions	<pre>map<string></string></pre>	A map of transmission options.
multicastTxOptions	<pre>map<string></string></pre>	A map of multicast transmission options.

5.46 EmailRecipient

An email recipient.

5.46.1 EmailRecipient attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
email	string	The email address.
firstName	string	The recipient's first name.
lastName	string	The recipient's surname.

5.47 WorkflowEventLocationDescriptor

Describes an Geofence based event that triggers a workflow.

5.47.1 WorkflowEventLocationDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
geofence	GeofenceDescriptor	Geofence definition.
participants	list <string></string>	A list of participants' platform addresses that the event should keep track of. For now only person addresses are supported.

5.48 PlatformClientDescriptor

Describes a platform client.

5.48.1 PlatformClientDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
platformClientId	string	The ID of the PlatformClient entity.
entityType	string	The type of entity assigned to this PlatformClient, for example, 'person'.
entityId	string	The ID of the assigned entity.
roles	set <string></string>	Set of role names.
permissions	set <string></string>	Set of permissions.

5.49 P25ISSIGRadioGatewayConfig

 $Describes an custom Config attribute in the External Server entity for server type {\tt P25ISSIG_RADIO_GATEWAY}.$

5.49.1 P25ISSIGRadioGatewayConfig attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
consoleId	int	This is a 16 bit value configured on the radio system.
radioSystemId	string	The ID of the radio system that the gateway is assigned to.

5.50 GeoPolygon

A geofence polygon is a list of geo points.

5.50.1 GeoPolygon attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
points	list <gpslocation></gpslocation>	A list of points that describes the polygon.

5.51 WorkflowHistoryDescriptor

Describes a workflow's history descriptor.

5.51.1 WorkflowHistoryDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
workflowId	string	The ID of the Workflow entity.
id	string	The time ID of the record.

Name	Туре	Description
triggeredBy	string	The entity address that triggered the workflow.
status	enum	The status of the execution of workflow. One of SUCCESS, or FAILED.
executedOn	timestamp	The time workflow was executed.
eventData	string	The workflow event data.

5.52 LicenseFeatureDescriptor

An abbreviated representation of a licensed feature.

5.52.1 LicenseFeatureDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
featureKey	string	The license feature key.
expirationDate	timestamp	A timestamp representing the latest time and date that this feature is allowed to be used.
gracePeriod	int	The number of days after 'expirationDate' that a consumer will be allowed to continue using the licensed feature, with a warning.

5.53 PresenceLocationDescriptor

Describes a user's physical location in their presence status.

5.53.1 PresenceLocationDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
presenceId	string	The ID of the Presence entity.
location	GpsLocation	The geographic location of the user.
locationTime	timestamp	A timestamp representing when this location was reported.
latest	bool	When true, indicates that this is the most recent location reported.

5.54 WorkflowEventScheduledDescriptor

Describes an event that triggers a workflow.

5.54.1 WorkflowEventScheduledDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes. Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
cronExpression	string	A Quartz cron expression that describes the schedule of the event. It can be either single datetime or recurrent.
startDate	timestamp	Time points for execution according to cron expression will be calculated starting from this date. If not provided then start from now.
endDate	timestamp	Time points for execution according to cron expression will be calculated till this date. If not provided then never ends.

5.55 LicenseFeatureInfo

A licensed features info and their count of consumers.

5.55.1 LicenseFeatureInfo attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
licenseFeatures	LicenseFeature	An array of LicenseFeature objects representing the set of features entitled by the license.

Name	Туре	Description
licenseConsumedCount	int	The count of entities actively consuming a license for each LicenseFeature.
assignedLicenseCount	int	The count of assigned licenses for each LicenseFeature. Exists only for MOBILE_CLIENTS/DESKTOP_CLIENTS features.
blockedLicenseCount	int	The count of blocked licenses for each LicenseFeature. Exists only for MOBILE_CLIENTS/DESKTOP_CLIENTS features.

5.56 ChannelSubscription

Represents client's event subscription preferences for a channel.

5.56.1 ChannelSubscription attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
channelId	string	Channel Id.
subscribeParticipantEvents	bool	Flag to indicate if the client is subscribed to channel participant events such as online/offline status change, location updates, and channel presence updates.

5.57 ChannelDescriptor

Contains a subset of Channel model data used during a FindChannels or PageChannels during which large number of channels maybe returned.

5.57.1 ChannelDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
id	string	Channel id.
organizationId	string	The ID of the Organization that this Channel belongs to.
name	string	The human-readable name of this Channel.
description	string	A human-readable description of the channel or its purpose.

Name	Туре	Description
	туре	
channelType	enum	The type of channel, which ICE clients
		will use as a hint to determine how to
		render the channel in their UI. ASSIGNED
		indicates that the channel was created
		and configured by a user. INTERCOM
		means that this channel was created
		'ad-hoc' between users and is
		automatically destroyed as soon as no
		users are assigned to it. DYNAMIC
		indicates that the channel was created
		programmatically or in response to a
		triggering event. TELEPHONY indicates
		that the channel is being used as the
		bearer of a telephone call. One of
		ASSIGNED, INTERCOM, DYNAMIC, or
		TELEPHONY.
encryptKey	string	A key, phrase, or other identifier used to
		enable encrypted communications.
visible	bool	A hint to clients suggesting whether this
		channel should be hidden from the end
		user.
assemblyPoints	set <string></string>	A set of assembly points.
-		

5.58 GeoRadius

A geofence radius consisting of geo point, radius and distance unit.

5.58.1 GeoRadius attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
center	GpsLocation	Central point.
radius	double	Radius(distance).
distanceUnit	enum	Distance unit. One of miles, yards, meters, or kilometers.

5.59 RadioTalkGroupDescriptor

Describes radio talk group type.

5.59.1 RadioTalkGroupDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
type	enum	Radio talk group type. One of UNKNOWN, KENWOOD_NEXEDGE, or
		P25_ISSIG.

Name	Туре	Description
id	string	Radio talk group id that combined with the type can uniquely identify the talkGroup. For KENWOOD_NEXEDGE, it is KenwoodNexedgeRadioGroup.id.
talkGroup	map <dynamic></dynamic>	Talk group data. For KENWOOD_NEXEDGE, it is KenwoodNexedgeRadioGroup type.

5.60 CallingPartyDescriptor

Describes a party involved in a telephone call.

5.60.1 CallingPartyDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
partyType	enum	The type of entity participating in the call. PERSON means an Instant Connect user. CHANNEL refers to an Instant Connect channel, and PHONE means a telephony caller (from the PSTN). One of PERSON, CHANNEL, or PHONE.
person	Person	Present only when 'partyType' is PERSON. A Person object populated with, at minimum, 'person:id'.
Name	Туре	Description
---------	---------	---
channel	Channel	Present only when 'partyType' is CHANNEL. A Channel object populated with, at minimum, 'chan:id'.

5.61 MetricDescriptor

A description of map metric.

5.61.1 MetricDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
type	enum	Metric type. One of GAUGE, or COUNTER.
name	string	Metric name.
description	string	Metric description.
labels	list <string></string>	Metric labels.
metrics	map< double >	Time series data. Example: tx-success: 12. Key would be splitted by '-' character and metric with 'name' and with 'tx', 'success' labels would be recorded.

5.62 ExtSerElectionDescriptor

Describes election descriptor used by external servers in a leader election process.

5.62.1 ExtSerElectionDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
mode	enum	The name of the network interface used for multicast communication. For example, eth0. One of AUTO, FIXED, or NONE.
transport	enum	Indicating the network transport to use for leader election. Default is both. One of HTTP, IGMP, or BOTH.
periodMs	int	The duration in milliseconds between discovery messages. For example, 15000.
groupAddress	InetAddress	The IGMP group address on which discovery messages are broadcast.
sharedSecret	string	A salt value used to authenticate election broadcast messages. Every agent who may participate in a leader election must be provisioned with the same shared secret.

5.63 AuditLogDescriptor

A description of audit log entry.

5.63.1 AuditLogDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
actor	string	The entity address of the actor/person who triggered an action that results in this audit entry.
actorName	string	The entity name of the actor/person who triggered an action that results in this audit entry.
entity	string	The entity address on which the audit log entry is reported.
entityName	string	The entity name.
eventTime	timestamp	The timestamp of the event.
description	string	Audit log message.
entityType	string	The type of entity which the audit log entry is reported.
action	string	The action which the audit log entry is reported.

5.64 PhoneContact

An entry in a telephone directory.

5.64.1 PhoneContact attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
personId	string	The ID of an Instant Connect Person entity (when this contact refers to a private call between ICE users).
phoneNumber	string	A telephone number that can be dialed.
type	enum	The type of number that 'phoneNumber' represents. CELL refers to a cellular or mobile phone. WORK refers to a business phone. HOME refers to a home phone. DN refers to an internal extension, or 'dial number'. One of cell, work, home, or dn.
description	string	A human-readable description of the contact, typically the callee's name.

5.65 InetAddress

A resolvable IP network endpoint.

5.65.1 InetAddress attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Attributes are typed and can be of a primitive type (string, **int**, bool, timestamp, or enum); a typed-collection (map, list, or set) or a complex object (for example, Channel or Person).

Name	Туре	Description
hostAddress	string	The hostname or IP address (in dotted decimal format) of the endpoint.
hostPort	int	The IP port number of the endpoint.
geoLocation	GpsLocation	The geographic location of the endpoint, when known.

5.66 ReflectionDescriptor

Describes a reflection definition.

5.66.1 ReflectionDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
channelId	string	Channel id.
txAddress	InetAddress	Transmission address. Note that geoLocation is not supported for this API; any value provided in this field will be ignored.
rxAddress	InetAddress	Receiving address. Note that geoLocation is not supported for this API; any value provided in this field will be ignored.
name	string	Reflection name.
description	string	Reflection description.
assemblyPoints	set <string></string>	A set of assembly points.
audioStreamId	string	A tactical channel ID where the channel can be assigned to other enterprise users. Allow any value except all whitespace.

5.67 Preferences

User preferences that can be stored on the platform.

5.67.1 Preferences attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name Type Description

5.68 TextMessageDescriptor

Describes a TextMessage within a TextMessageSession.

5.68.1 TextMessageDescriptor attributes

Data attributes are characteristics or properties that define specific aspects of a data entity. They provide essential information about the entity, such as its characteristics, qualities, or features. These attributes can include numerical values, textual descriptions, dates, or other data types, and collectively, they enable the organization, classification, and analysis of data. Understanding and defining data attributes is crucial for data management, as they shape the structure and meaning of datasets, facilitating effective data interpretation, manipulation, and decision-making processes.

Name	Туре	Description
messageId	string	The platform id that uniquely identifies the TextMessage.
sessionId	string	The platform id of the TextMessageSession this TextMessage belongs to.
created	timestamp	Created timestamp.
modified	timestamp	Modified timestamp.
creator	string	The platform address of the creator for the TextMessage.
content	string	Text content.
fileDataIds	list <string></string>	Ids of attached FileData.
attachments	list <attachmentdescriptor></attachmentdescriptor>	A list of attachments' that can be used to retrieve the file content.