



gRPC API

proto-:

1. **SecurityService.proto** .
2. **GlobalPermissions.proto** .
3. **ObjectsPermissions.proto** .

SecurityService.proto:

- message **ListConfigRequest** .
- message **ChangeConfigRequest** // .
- message **ListGlobalPermissionsRequest** .
- message **SetGlobalPermissionsRequest** .
- message **ListObjectPermissionsRequest** .
- message **SetObjectPermissionsRequest** .

SecurityService.proto:

(message Role):

index	GUID
name	
comment	
timezone_id	,

(message ConnectionRestrictions):

web_count	Web-
mobile_count	

(message User):

index	GUID
login	
name	
comment	
date_created	
date_expires	
enabled	
ldap_server_id	LDAP
ldap_domain_name	LDAP
ConnectionRestrictions restrictions	message ConnectionRestrictions (.)

(message UserAssignment):

user_id	
role_id	

LDAP (message LDAPServer):

index	GUID
server_name	IP-
friendly_name	
port	
base_dn	DN
login	
password	
use_ssl	SSL
search_filter	
login_attribute	
dn_attribute	DN

GlobalPermissions.proto:

PTZ (enum ETelemetryPriority):

TELEMETRY_PRIORITY_UNSPECIFIED	PTZ
TELEMETRY_PRIORITY_NO_ACCESS	
TELEMETRY_PRIORITY_LOWEST	
TELEMETRY_PRIORITY_LOW	
TELEMETRY_PRIORITY_NORMAL	
TELEMETRY_PRIORITY_HIGH	
TELEMETRY_PRIORITY_HIGHEST	

(enum EMapAccess):

MAP_ACCESS_UNSPECIFIED	
MAP_ACCESS_FORBID	
MAP_ACCESS_VIEW_ONLY	
MAP_ACCESS_VIEW_SCALE	
MAP_ACCESS_FULL	

(enum EFeatureAccess):

FEATURE_ACCESS_FORBID_ALL	
FEATURE_ACCESS_DEVICES_SETUP	(.)
FEATURE_ACCESS_ARCHIVES_SETUP	(.)
FEATURE_ACCESS_DETECTORS_SETUP	(.)
FEATURE_ACCESS_USERS_RIGHTS_SETUP	(.)
FEATURE_ACCESS_CHANGING_LAYOUTS	(.)
FEATURE_ACCESS_EXPORT	(.)

FEATURE_ACCESS_LAYOUTS_TAB	(.)
FEATURE_ACCESS_SETTINGS_SETUP	(.)
FEATURE_ACCESS_MINMAX_BUTTON_ALLOWED	(. X)
FEATURE_ACCESS_SYSTEM_JOURNAL	(.)
FEATURE_ACCESS_DOMAIN_MANAGING_OPS	(.)
FEATURE_ACCESS_ADD_CAMERA_TO_LAYOUT_IN_MONITORING	(.)
FEATURE_ACCESS_SEARCH	(.)
FEATURE_ACCESS_EDIT_PTZ_PRESETS	/ (.)
FEATURE_ACCESS_PROGRAMMING_SETUP	(.)
FEATURE_ACCESS_WEB_UI_LOGIN	Web- (. X Web-)
FEATURE_ACCESS_COMMENT	(.)
FEATURE_ACCESS_ALLOW_BUTTON_MENU_CAMERA	(.)
FEATURE_ACCESS_ALLOW_SHOW_TITLES	(. POS -)
FEATURE_ACCESS_SHOW_ERROR_MESSAGES	(.)

(enum EAlertAccess):

ALERT_ACCESS_UNSPECIFIED	
ALERT_ACCESS_FORBID	
ALERT_ACCESS_VIEW_ONLY	
ALERT_ACCESS_FULL	

(enum EUnrestrictedAccess):

UNRESTRICTED_ACCESS_UNSPECIFIED	
UNRESTRICTED_ACCESS_NO	
UNRESTRICTED_ACCESS_YES	

ObjectsPermissions.proto:

(enum ECameraAccess):

CAMERA_ACCESS_UNSPECIFIED	
CAMERA_ACCESS_FORBID	
CAMERA_ACCESS_MONITORING_ON_PROTECTION	,
CAMERA_ACCESS_MONITORING	.
CAMERA_ACCESS_ARCHIVE	./
CAMERA_ACCESS_MONITORING_ARCHIVE_MANAGE	.
CAMERA_ACCESS_FULL	

(enum EMicrophoneAccess):

MICROPHONE_ACCESS_UNSPECIFIED	
MICROPHONE_ACCESS_FORBID	.

MICROPHONE_ACCESS_MONITORING	().
MICROPHONE_ACCESS_FULL	

PTZ (enum ETelemetryAccess):

TELEMETRY_ACCESS_UNSPECIFIED	PTZ
TELEMETRY_ACCESS_FORBID	
TELEMETRY_ACCESS_CONTROL	

(enum EArchiveAccess):

ARCHIVE_ACCESS_UNSPECIFIED	
ARCHIVE_ACCESS_FORBID	
ARCHIVE_ACCESS_FULL	

(EVideoWallAccess):

VIDEOWALL_ACCESS_UNSPECIFIED	
VIDEOWALL_ACCESS_FORBID	
VIDEOWALL_ACCESS_FULL	