

		Feature list per editions (v1.25.0 Sept. 29 2023)		
App	Features	Premier Essentials	Premier Edition	Global Edition
General	Licensing type	Single Server / Multi Client		Central & Multi-Server / Multi Client
	Installation versions	32Bit & 64Bit		
	Core license offerings	9 - 16	24 - 48 - 72 - 96	50 - 100
	Server Connections: Number of connected Clients Supported	Unlimited		
	Version updates - Major releases are quarterly and maintenance releases typically one to two months after a major release	Free during active subscription		
	Warranty: Core License - Offers access to major and maintenance releases during the active subscription coverage. <i>(Life time technical support &amp; resources)</i>	2 Year core license		
	Renewal / Extension: Core License	1, 2, 3, 4, 5, 6, 7, 8 Year renewal options		
	Channel upgrade options - Single channel add-on with an MOQ (minimum order quantity) of 6 channels in Premier and Global editions	N/A	Channel additions	
	Warranty: Channel Add-ons - Automatically covered under the remaining 2 year core license warranty <i>(Core license renewal/ extension coverage not included)</i>	N/A	Covered under remaining 2-yr Core License warranty	
	Renewal /Extension: Channel Add-ons - Renewal /Extension license required if past the core license 2-yr coverage <i>(Core License renewal/ extension not included)</i>	N/A	1, 2, 3, 4, 5, 6, 7, 8 Year renewal options	
App	Features	Essentials	Premier	Global
General	Archive Backup Wizard (Includes support for Visual Groups)	Available	Available	Available
	Advanced Window Settings: Video Wall Composite Screen (Tiles)			
	Automatic stream selection for archive playback			
	User Buttons: List of User Buttons (Support of Visual Folders, Server Association, Merged Resources)			
	Command Mapping: Archive, Device, Layout, Playback, Window			
	Channels: List of Channels (Support of Visual Folders, Server Association, Merged Resources)			
	Channel Status: Green/White - Online, Red/Grey - Offline			
	Client Full Screen / Minimize / Restore / Exit			
	Client Tree: Collapse / Minimize			
	Client Configuration Import/Export			
Connections: Multi-Server connection grouping ***New in 1.25.0***				
GPU hardware decoding for H.264 & H.265 codec, and performance test utility				
HTTP based API commands				
Layouts: List of Layouts from Built-in (60), Custom, Sequence, Shared (Requires CORTROL Global)				
Layout Synchronization Setting - Enable/Disable Live/Playback Layout synchronization				
Login - Two factor authentication				
Multi-Cast Support				
Maps: List of Maps (Support of Visual Folders, Server Association, Merged Resources)				
Multi-Monitor Support: No limit to Number of Monitors (Hardware Limitation Only)				
Multi-Monitor Instant Playback support for "Go to Playback" button send to Playback				
Notification Panel: Font size adjustment setting, Show images (Thumbnail) for external service results, Dynamic position and scaling				
ONVIF metadata support: Bounding box & classification overlay in Live and Playback				
Plugin integration: I-PRO Active Guard OSS ***New in 1.25.0***				
Show child nodes when searching in Client application tree view				
Search (Includes associated Child Nodes): Client Search of Layouts, Channels, Maps, Buttons				
Snapshot Export: File Name Template / Subtitles / To PDF Report				
Status: Online / Offline Server Associated Layouts, Channels, Maps, Buttons				
Theme: Use Color to Highlight Important Functions/Features				
Time Presentation: Toggle Between Local / UTC / Server Time (Scroll Server List)				
User Guide: Client User Guide				
Live	Action/Status Icons: Recording Status, Recording Type, Codec, Resolution, FPS, Bitrate	Available	Available	Available
	Aspect Ratio Toggle: Toggle between Auto / Stretch / Original			
	Bookmark Add: Date/Time, Title, Description, Severity level by color			
	DP1Z and Dewarping: Region (PIP + Zoom In/Out) & PTZ (Virtual Pan/Tilt, 180° Pano, 360° View)			
	Fisheye, hardware accelerated dewarping			
	Instant playback: Go to Date/Time, Audio, Motion status, Bookmark, Snapshot, Video Export			
	Layout Save Properties: Title, Presets, Shared (Shared layouts requires Global)			
	Layout Pop-up Quick Select: multi-item selection, cameras/maps, live stream layout popup			
	Lock Viewport: Prevents Pop-up Superseding Existing Channel			
	Multi-Display: Startup Layout, Sequence, Channel & Map or Layout Pop-ups			
Map Support: eMaps, Geo-Maps (Linked Mobile GPS Meta Data), Visual Indicators, Action Links, Visual Camera Marker Live Preview pop-up				
Microphone: Transmit Audio to Device (Device Support/Configuration Required)				
Motion Grid: On/Off Detection Status Overlay				
Notification Pane: Display E&A Notifications of Events, and or Alerts				
PTZ: Presets, Tours, Iris & Focus, Joystick Support, HUD/Classic UI				
Pop-Up Support: Pop-up Windows, Layouts, Notifications, Dialog Boxes				
Substream Toggle: Toggle between Substream, Primary Stream, and Auto				
Speaker: Receive Audio from Device (Device Support/Configuration Required)				
Undo/Redo: Historical navigation of layout changes within liveview				
Viewport button to send channel to Sequence Explorer				
Viewport button to send channel to Smart Search				
View non-interactive websites				
Viewport Title: Channel Title, Channel Swap by Drag & Drop, User Button(s)				
Visual Shortcuts: Visual support for fast channel navigation				
Playback	Archive Search Navigation:	Available	Available	Available
	Archive Search Bookmarks: Search Record Limit 1,000 Bookmarks			
	Archive Search Video Analytics Meta Data: Object, Counter, Event, Class			
	Archive Search Calendar (Month/Day/Time): All Visible Channels, or Per channel			
	Archive Search: Data Protection / Deletion (User Authentication Required)			
	Visual Shortcuts: Visual support for fast channel navigation			
	Copy Exported Video to user defined media, option of Portable player			
	Export: Case management video - multiple channels with custom date and time ranges ***New in 1.25.0***			
	Export List Entry Events to a CSV File (Bookmarks, VCA)			
	Export Video: With/Without Audio - Selected Channel, All Channels Combined, All Channels Separate			
Export Video: VP8 and JPEG compression includes dewarped images and VA metadata overlay				
Export Snapshot: Sub-Titles, Selected Channel, Multi-Channel (All Visible Channels)				
Geo-Maps Playback with Mobile GPS meta data support				
Motion Blur Upon Export (Identity Protection)				
Playback speed controls: regular, slow and fast (Up to 8x speed)				
Playback Channel Statistics: Recording Type, Codec, Resolution				
Search bookmarks across all channels				
Timeline and bookmarks thumbnail preview				
Timeline Presentation Mode: Summary, Selected Channel, Separate Timeline per channel				
Undo/Redo: Historical navigation of layout changes within playback view				
Sequence	Export Snapshot per Single Channel Selection	Available	Available	Available
	Export Video Clip: Entire Start to End Date/Time Selection, One or More Channels			
	Make New Sequence (Select Two or More Channels)			
	Select Start & End Date/Time			
	Send to Playback: Entire Start to End Date/Time Selection, One or More Channels			
	Sequence Layout 3x4 - 5x5			
Split Prior / Next Footage (Based on Selected Measure of Time)				
Undo/Redo: Historical navigation of layout changes within sequence view				
Smart Search	Send to Playback	Available	Available	Available
	Add Bookmark			
	Export Video Clip			
	Live Preview			
	Search by Date/Time			
	Set Region of Interest with Additive Function Supported			
Multi Layout support 3x3 - 6x6				
Prior / Next Result Move to Function				
Export List Entry Events to a CSV File				
Alerts	Logon/Logout Alerts	Available	Available	Available
	Camera Events			
	Operational errors			
	Stream Errors			
	Server & Device - Connectivity Errors			
System Level Alerts				
Library	Open Exported Snapshot/Video Based on Select Entry	Available	Available	Available
	Show in Windows Explorer (Open Folder Containing Exported Media)			
	Copy to... (Copy Exported Media to Selectable Device, Local Folder, Thumb Drive, External Hard Drive)			
	Delete Selected Exported Snapshot / Video Entry from Library			

		Feature list per editions (v1.25.0 Sept. 29 2023)			
App	Features	Premier Essentials	Premier Edition	Global Edition	
CORTROL Client	Video Wall			Available	
	Data Sources	Available	Available	Available	
	Reports	Available	Available	Available	
	Access Control	Available	Available	Available	
	Face Recognition	Available	Available	Available	
	LPR Module	Available	Available	Available	
	External Service	Available	Available	Available	
	Alarm Pane	Available	Available	Available	
	Settings	Available	Available	Available	
	Features	Available	Available	Available	
					Available
					Available
			Per Server		Centralized: Multi Server Management
			Available	Available	Available

Feature list per editions (v1.25.0 Sept. 29 2023)				
App	Features	Premier Essentials	Premier Edition	Global Edition
Server / Networks	Audit Policy: Access Control events Lock/Unlock/Temp Unlock actions performed within Client application	-	-	-
	Audit Policy: Max Records 10K, Max Days Unlimited - Server/User Events, Uncategorized	-	-	-
	Authentication: Two factor via Email & SMS, CIAM: OAuth 2.0 - Apple, Custom, Google, Microsoft, Okta	-	-	-
	Auto Discover: Same Network Recording Server Discovery	-	-	-
	Bookmark Policy: Max Records 500K, Max Days - 5 Years, Pre-configurable severity levels with colors indicator	-	-	-
	Browser Support: Chrome, and Firefox	Available	Available	-
	Complex Password Security Policy Supported, with account lockout on N attempts	-	-	-
	Encryption: Server/Client Communications, Storage, Archival Recording 128-bit and 256-bit AES encryption	-	-	-
	Encryption: Server Configuration Database, Audit Logs, & Other Software Data	-	-	-
	External Audit: External database support for PostgreSQL, MySQL, Microsoft SQL Server	-	-	-
	Fallover Node Role - Used by CORTROL Recording Server	-	-	-
	HTTP/HTTPS Support: Mobile App, Web GUI, and API Applications	Available	Available	Available
	Membership / Permissions Assignment Support	-	-	-
	Mirroring Licensing Server (Global Support Only)	-	-	-
	NAS Support: Network & Remote Storage	-	-	-
	NTP Server support. Ability to synchronize Windows time settings	-	-	-
	Password Protection: Proprietary Archive	-	-	-
	RTSP/SMTP/NTP/FTP	Available	Available	-
	Security Policy: Disconnect user when disabled, PW change, expired, or OAuth token reset ***New in 1.25.0***	-	-	-
	Storage Configuration Management: Directories, Duration Quota, Retention, Fallback	-	-	-
Server Side Multi-Cast Support	-	-	-	
VCA Analytics License Management (Assigned Licenses)	-	-	-	
Web & Mobile Client Connections Supported	-	-	-	
Watchdog: Operations, Performance, and Maintenance	Unlimited			
FR (Face Recognition) - Single CPU Support	Available	Available	Available	
FR Support of ODBC/MSSQL External Databases	-	-	-	
FR Embedded local SQLite Database - 5Million Record Limitation	-	-	-	
GANZ AI Box: Event notification upon AI event action	-	-	-	
GANZ Cloud AI service and storage	-	-	-	
LPR (License Plate Recognition) - Dual CPU Support	Available	Available	Available	
LPR Support of ODBC/MSSQL External Databases	-	-	-	
LPR Embedded local SQLite Database - 5Million Record Limitation	-	-	-	
LPR Engine Support for Centralized CSV database	-	-	-	
LPR Engine Support for Virtual Environments	-	-	-	
External Services support now on Recording Server	-	-	-	
Failover Clusters	Auto Recovery: Failover Deactivation after Corresponding Recording Server is Online	-	-	-
	Central Server Connection Timeout	-	-	-
	Fallover Cluster 1:1, 1:Many support	-	-	-
	Fallover Timeout	-	-	-
	Recovery Timeout	-	-	-
VCA functionality on failover server	-	-	-	
Users	Account: Activation / Expiration per a specified date and time ***New in 1.25.0***	-	-	-
	Active Directory & LDAP: Import Users, Users Groups, Foreign Security Principals	Available	Available	-
	Administration Profile Permissions Support	-	-	-
	Membership / Resources Assignment Support	-	-	-
	Permissions: Per Resource Permissions	-	-	-
Per Organization / Resource / Component User Permissions	-	-	-	
PTZ Prioritization Level	-	-	-	
Recent Archive Interval Permissions Support	Available	Available	Available	
User Grouping Assignment	-	-	-	
Devices	Auto Discovery Devices	-	-	-
	Bulk Edit (Devices): Server, Port, User, Password	-	-	-
	Device Grouping Assignment	-	-	-
	CrossLink Basic - Per channel chromium embedded framework (CEF) mini browser for an interactive HTML5 based URL w/H.264 support	-	-	-
	CrossLink Advanced - Remote Desktop via VNC	-	-	-
	Device Duplication Creation	-	-	-
	Device Support 5,000+ with Manufacture Support 140+	-	-	-
	External Device Support: Unlimited (Tablets, Mobile Phones - Dynamically Assigned to Available Channels)	-	-	-
	Fast Navigation: Device Related Items Navigation to Associated Channel(s)	-	-	-
	Generic Device Drivers: ONVIF (Profile S), RTSP, PSIA, HTTP, WASAPI	Available	Available	Available
	GSM generic modem: Support of SMS notification sending and receiving	-	-	-
	JPEG / Video File as a Device Support	-	-	-
	Smart Device Deletion (Inclusion of Active Channel & Rules)	-	-	-
Single/Multi Device Creation	-	-	-	
View Associated Device Channels	-	-	-	
Video Stream Resolution: Up to 8K Support	-	-	-	
Video capture board support	-	-	-	
Channels	Analogue PTZ protocols (via RS-232,422,485 ports)	Available	Available	-
	Archive Channel Replication: Archive Duplication to a 2nd/3rd Recording Device(s)	-	-	-
	Audio Channel: Shareable Audio Channel Selection, with support for device APLONVIF, One-Way / Two-Way audio driver specific	-	-	-
	Bulk Edit (Channel): Organization, Recording Configuration, Storage Assignment	-	-	-
	Edge Recording: Device specific API, and or ONVIF Profile G Supported	-	-	-
	Fast Navigation: Channel Related Items Navigation to Associated Device(s)	-	-	-
	Fisheye Dewarp engine for 6MP and larger resolutions	-	-	-
	Group Channel, Membership, Permissions assignment supported	-	-	-
	Image properties: Focus / Brighten / Saturation / Contrast / Sharpness / White balance / Backlight / Wide dynamic / Exposure / Infrared Cutoff	-	-	-
	I/O Support: Device API/ONVIF Driver Specific Input / Output Supported	-	-	-
	Multi-Stream Support: Primary, Secondary, (RTSP: High Stream / Low Stream)	-	-	-
	Motion Detector: Device or Server (HP/AP) side support	-	-	-
	Multi-Cast Camera Side Support (Dependent upon Device Integration)	-	-	-
	Per Channel Passive mode - Pause communications and video streaming until requested	-	-	-
	Per Channel Video Overlay Configuration	-	-	-
	Recording Configuration Assignment: Main Stream, Substream, Bulk & Single Channel Assignment	Available	Available	Available
	Storage Assignment: Per Channel Stream Recording Storage Assignment	-	-	-
Show Video: Per Channel Display of Video Stream (Multi Channel Selection not Supported)	-	-	-	
Supplementary Streams: Audio, Motion, VCA, External Data Stream - Alternatively record with substream over mainstream	-	-	-	
Video Analytics Configuration per Assigned Channel (License Assignment & Configuration)	-	-	-	
Video Analytics: CNNE Zones / Settings object time for presence, absence, and intersection by object threshold	-	-	-	
Video Analytics: CNNE Zones Rules - enter/exit, appear/disappear, Lines/Tripwires - A/B, B/A, any direction	-	-	-	
Video Analytics: CNNE dedicated database for analytics results history (External recognition results)	-	-	-	
Video Analytics Engine: Advanced motion & object detection w/Classification	-	-	-	
Video Analytics Detector: Personal Protective Equipment Detector, 1024x600, 512x512, 320x320, 300x300	-	-	-	
Video Overlay: Visual shortcuts - Link functionality, Polygonal shaping, advanced options ***New in 1.25.0***	-	-	-	
Recording	Recording Schedule: Graphical & List Configuration	-	-	-
	Recording Profile: Continuous - (Video & Frame Rate / Audio / Motion / Data / VCA)	Available	Available	Available
	Recording Profile: Motion - (Video & Frame Rate / Audio / Post Recording / Motion Alert)	-	-	-
	Recording Configuration: Pre, Quota (Amount / Duration) / Custom Days / User Calendars	-	-	-
Maps	Map image: PNG, JPG, TIF, BMP, and Static Gif	-	-	-
	Map image: Grid enable/disable and Lock grid enable/disable	-	-	-
	Map icon: Channel, Icon (type, color, size), Icon outline (color), Title (color, size), Title outline (color), Radius, Sector, Rotate, Coordinates, Track	-	-	-
	Geo-Map: OpenStreetMap based Geo-Maps, with selected longitude, latitude location based lock option	-	-	-
	Map Grouping: Map / Geo-Map	-	-	-
	Linking - Selectable iconification, icon size, icon color, icon title color, icon title size	-	-	-
	Linking - Camera: Selectable icon & title: Color & Size, Rotation, Angle, Radius, GPS, Status	Available	Available	Available
	Linking - Map: Selectable icon & title: Color & Size	-	-	-
	Linking - User Button: Selectable icon & title: Color & Size	-	-	-
	Linking - Layout: Selectable icon & title: Color & Size	-	-	-
	Linking - Doors: Access Control based readers / Door	-	-	-
	Linking - Indicator (Status): Indicator of status function associated	-	-	-
	Linking - CrossLink Basic: Channel specific chromium embedded framework (CEF) based mini browser	-	-	-
Linking - Data channel: Channel specific visualization of textual data from a linked Data source - Data ID, selectable channel recording destination	-	-	-	

App		Feature list per editions	(v1.25.0 Sept. 29 2023)		
		Features	Essentials	Premier	Global
CORTROL Server Management Console	Layout Templates	Custom: Layout Support			
		Channel Grid Support: 1x1 ~ 20x5 (Up to 100 Channels)	Available	Available	Available
	Merge / Unmerge of Selected Channel(s)				
	Layouts	Layout Group: Group Selected Layouts	Available	Available	Available
		Membership / Permissions Assignment Support			
	Video Walls	Membership / Permissions Assignment Support			
		Video Wall Support: 1x1 ~ 20x5 (Up to 100 Channels)			Available
		Video Wall Group: Group Selection of Video Walls			
		Video Wall Management Assignable to Recording Server			
	User Buttons	Membership / Permissions Assignment Support			
		User Buttons: User Selectable Event Generator	Available	Available	Available
		User Buttons: Stand Alone or Channel Assignable			
		User Button Group: Group Selection of User Buttons			
	Visual Groups	Membership / Permissions Assignment Support	Available	Available	Available
		Visual Groups: Visual Representation of Grouped Objects			
	Webpages	Multi-Level Visual Groups: Nested Visual Representation of Grouped Objects			
		Crosslink Basic - Channel based webpage navigation (Requires license Crosslink Basic license per channel)			
		Web address and URL supported	Available	available Requires license	Available Requires license
		Certificate error tolerance			
	Live Podcasts	User access permissions support			
		Channel Video Stream: Primary or Substream		Unlimited	
	Data Sources	Channel Audio Stream Supported			
		Real-Time Messaging Protocol Support: YouTube, Wowza, Generic RTMP			
		Unlimited RTMP Channel Support			
	Data Channels	Data Source: Profile - Encoding, Mappings, Map Variable Supported	Available	Available	Available
		Data Source Type: TCP - Client / Server; Host - Port, UDP - Port, ComPort - Com Port / Baud Rate / Data Bits / Stop Bits / Parity			
		Time Series Database - Days, Intervals, Tables			
	Mail Servers	Data channel: Provides a visualization of textual data from a linked Data source - Data ID, selectable channel recording destination			
		New Data channel: Details / Members / Membership / Permissions			
		New Data channel group: Details / Members / Membership / Permissions	Available	Available	Available
Aggregation Support: Count / Time					
GSM Modems	Server Address: Host URL, IP Address				
	Security Mode: None, STRTTLS, SSL/TLS				
	Test function: Send test email notification page to an email recipient				
	Unlimited Email Servers Support				
MQTT	AT command set supported	Available	Available	Available	
	Generic GSM modem support				
	SMS Mode: Text, PDU				
	SMS Encoding: ASCII, UCS2				
Reports	MQTT protocol version: 3.1.1, 5	Available	Available	Available	
	SSL/TLS version: None, 1.1, 1.2, 1.3				
	MQTT Certificate supported				
	MQTT last will and testament support				
	Count Based Reports: External Analytics Meta Data, E&A Counters - Reset, Increment, Decrement				
Access Control	Report Email Auto Send	Available	Available	Available	
	Report Aggregation: Minute, Hour, Day, Week, Month				
	Report Interval: Current Day, Previous Day, Previous Week, Previous Month				
	Report Chart: Bar, Line, Pie				
	Report Filter: Week Days, Time (Minutes, Hours)				
	Access Control: Door, and Door Permissions (Two-way integration)				
	Continental Access Control (One-way integration, Continental pulls in CORTROL video channels)				
	FEENICS "Keep" - Integration of Door controls, Events, People (Two-way integration)				
	Gallagher - Integration of Door controls, Events, People (Two-way integration)				
	GSF Corporation "Visual Access Systems" - Integration of Door controls, Events, People (Two-way integration)	Available	Available	Available	
Events	Keri Systems "Doors.NET" - Integration of Door controls, Events, People (Two-way integration)				
	NEDAP AEOS - Integration of Door controls, Events, People (Two-way integration) - 2023.x supported				
	Paxton - Integration of Door controls, Events, People (Two-way integration)				
	Satel Integra ETHM-1 Access Control Device: Integration is aimed for Alarm Panel ARM/DISARM events and actions				
	Roger RACS 5 - Integration of Door controls, Events, People (Two-way integration)				
	Access Control System Events				
	Auxiliary Device (Non-video) Events				
	Device: BLK247 VCA event "Human" (Requires external AI module)				
	Device: BLK247 VCA event "Non-Human" (Requires external AI module)				
	Channel: Motion, Motion Started / Stopped				
	Channel: Recording Error / Recovered				
	Channel: Video Lost / Restored				
	Channel Group: Motion, Motion Started / Stopped				
	Channel Group: Recording Error / Recovered				
	Channel Group: Video Lost / Restored				
Custom: Variable value (Mapping metadata, POS, from device/camera)	Available	Available	Available		
Custom: Data Source (Text Source triggering)					
Custom: Digital Input - Channels					
Custom: Door - Access Control Door					
Custom: External - HTTP API Trigger, LPR, Face Recognition					
Custom: External Service - Channels					
Custom: OPC Client Event - Variable / Value Type / Conditional Operator					
Custom: Scheduled - Channel (Periodical / Scheduled)					
Custom: Counter value for camera, and Software side counters					
Custom: Variable Condition - Variable / Type / Conditional Operator / Value					
Custom: VCA - Channels					
Custom: Video Wall -					
Global Server: Disc Excluding					
Global Server: Connected / Disconnected					
Global Server: Failover Activating					
Global Server: Fall-Back Activating					
Global Server: Recording Error					
Global Server: Scheduled Event					
SMS Received Event	Available	Available	Available		
User Button: Activation					

Feature list per editions (v1.25.0 Sept. 29 2023)				
App	Features	Essentials	Premier	Global
CORTROL Server Management Console	<b>Actions</b> Access Control - Keri Systems Doors.NET "Events" Access Control - Keep by FEENICS "Events" Channel: Pop-up on Screen Channel: Pop-up Playback on Screen Channel: Generate Alert Substream Channel: Generate Alert Counter: Reset / Increment / Decrement Custom: Activate Main Stream Recording Profile Custom: Activate Substream Recording Profile Custom: Activate PTZ Preset Custom: Activate PTZ Tour Custom: Control Digital Input Custom: Create Bookmark (Optional Request User Description) Custom: Device action (Device specific commands) Custom: Device action "Disable" Custom: Device action "Enable" Custom: Device action "Toggle" Custom: Door Action - Invalid / Lock / Unlock / TempUnlock Custom: External Service - Target Action (Example: FR - Add Subject) Custom: Export Snapshot to Local/Mapped/FTP Directory Custom: Highlight Object on Map - Channel / User Button Custom: OPC Client Action - Variable / Value Type / Value Custom: Popup Object - Channel / Layout / Map / Geo-Map / Video Wall (Specify viewport#) Custom: Run Program Custom: Send Email Custom: Send Email with a Snapshot Custom: Send HTTP/HTTPS request Custom: Send Event to Client - Display a Warning Message Box Custom: Send Event to Client - Display Event in Alerts Custom: Send Event to Client - Display Event in Mobile Application Custom: Send Event to Client - Display Event in Notification Panel Custom: Send Event to Client - Trigger Audio Notification Custom: Send SNMP Trap Custom: Start Playing an Audio File Custom: Stop Playing an Audio File Custom: Write to Application Log Custom: Write to Audit Log Layout: Pop-up on Screen Map: Pop-up on Screen SMS Send action (Requires GSM Modem) Variable Condition Event based on VCA Counters value (more, less, equal) Global Event: Send Global Event Condition: Unset / Set Schedules: Counters: Reset / Increment / Decrement OPC Indicators	available	Available	Available
	<b>Modifiers</b> Servers: Status / Connection / Synchronization / Version / Failover / Resources (CPU, Memory, Network) Devices: Status / Server / Device / IP / Port Channels: Status / Server / Resolution / Codec / Substream Resolution / Substream Codec / Recording / Onlinej / Device model / IP / Port / Error / CVA Resources Streams: Channel / Stream Type / Status / Server / Device / Storage / Directory / Prerecording time Archive Statistics: Channel / Begin Date / End Date / Duration / Size / Protected Storage: Status / Server / Path / Encrypted / Free Space / Used Space / Total Space / Queue length / Last Available Time User Sessions: Title / Remote address / Start Time / Type / Software version / Resources (CPU, Memory, Network) Video Walls: Title / Screen / User / Remote IP Data sources: Title / Status / Server / Data Received Time / Error External Services: Title / Status / Server / User / Remote Address Reports: Title / Status / Time Access Control: Status (Normal/Critical), State (Open/Closed/Locked) Alert Flags, Status Time OPC: Status / Connected / Last (Error/Event Error), Status Time Indicators: Status (Normal-Critical), Connected (Yes/No), Operational State, Status Time GSM modems: Title / Status / Server / Error MQTT clients: Title / Status / Server / Error Databases: Title / Status / Server / Error Export to CSV	Available	Available	Available
	<b>Monitoring</b> Servers: Time / Server / Event / Information / Additional Informaiton Servers: Filter - By Time / By Events / By Servers / By Resources Users: Time / User / Connection Address / Connection Type / Event / Server / Information / Additional Informaiton Users: Filter - By Time / By Events / By Servers / By Users / By Resources Problems: Time / Server / Event / Informatin / Additional Information Event: Internal Server events Event: Resource access - Archive/Bookmark/Live/PTZ/Video Walls/Exported/External (Data/Service)/VCA Event: Server security - Updated/Accessed/Added/Removed/PW Changed/Log (in/out) Event: Uncategorized Event: Access Control Event: Events & Actions Event: External Services - External Service/Service Group (Added/Removed/Updated) Event: Installation - Remote Update Request Event: Recording Configuration/Profile/Schedule (Added/Removed/Updated) Event: Resource Administration (Added/Disabled/Enabled/Removed/Updated) Event: Failover management - Added / Removed / Updated Event: Rule Modifiers, Action/Event/E&A Rule/Global Event/Mail Server (Added/Removed/Updated) Event: Time (All/Day/Week/Month) Event: Resources (Server, User, Channel, Device, Recording, Layout, Organization, Map, Map Group, Event, Action, Mail Server, Layout Template, Failover Cluster, Network, Visual Group, Video Wall, User Button, External Service, Data Source, Counter, Report, Door, Access Control, Digital Certificate, Indicator) Export to CSV	Available	Available	Available
<b>Audit</b> Servers: Time / Server / Event / Information / Additional Informaiton Servers: Filter - By Time / By Events / By Servers / By Resources Users: Time / User / Connection Address / Connection Type / Event / Server / Information / Additional Informaiton Users: Filter - By Time / By Events / By Servers / By Users / By Resources Problems: Time / Server / Event / Informatin / Additional Information Event: Internal Server events Event: Resource access - Archive/Bookmark/Live/PTZ/Video Walls/Exported/External (Data/Service)/VCA Event: Server security - Updated/Accessed/Added/Removed/PW Changed/Log (in/out) Event: Uncategorized Event: Access Control Event: Events & Actions Event: External Services - External Service/Service Group (Added/Removed/Updated) Event: Installation - Remote Update Request Event: Recording Configuration/Profile/Schedule (Added/Removed/Updated) Event: Resource Administration (Added/Disabled/Enabled/Removed/Updated) Event: Failover management - Added / Removed / Updated Event: Rule Modifiers, Action/Event/E&A Rule/Global Event/Mail Server (Added/Removed/Updated) Event: Time (All/Day/Week/Month) Event: Resources (Server, User, Channel, Device, Recording, Layout, Organization, Map, Map Group, Event, Action, Mail Server, Layout Template, Failover Cluster, Network, Visual Group, Video Wall, User Button, External Service, Data Source, Counter, Report, Door, Access Control, Digital Certificate, Indicator) Export to CSV	Available	Available	Available	

Feature list per editions (v1.25.0 Sept. 29 2023)				
App	Features	Essentials	Premier	Global
Portable Player	<b>Functions</b> Dewarp support for Playback of Native Archived Data Proprietary Archive Playback - Playback of CORTROL's Native Archived Data Library listing of CORTROL Exported Archived Data Archive Search Navigation: Archive Search Bookmarks: Search Record Limit 1.000 Bookmarks Archive Search Video Analytics Meta Data: Object, Counter, Event, Class Archive Search Calendar (Month/Day/Time): All Visible Channels, or Per channel Archive Search: Data Protection / Deletion (User Authentication Required) Copy Exported Video to user defined media, option of Portable player Export Video: With/Without Audio - Selected Channel, All Channels Combined, All Channels Separate Export Snapshot: Sub-Titles, Selected Channel, Multi-Channel (All Visible Channels) Format: MP3 audio ***1.25.0*** Geo-Maps Playback with Mobile GPS meta data support Playback speed controls: regular, slow and fast (Up to 8x speed) Playback Channel Statistics: Recording Type, Codec, Resolution	Available	Available	Available

		Feature list per editions (v1.25.0 Sept. 29 2023)					
App	Features	Essentials	Premier	Global			
Client Administration Tool	<b>Functions</b> Client Application UI Restrictions - To hide UI elements Panes: Layouts Panes: Layouts > Local Layout Templates Panes: Layouts > Local Layouts Panes: Layouts > Local Layout Sequences Panes: Layouts > Shared Layouts Panes: Layouts > Server Layout Templates Panes: Channels Panes: Playback Channels Panes: Alarms Tabs: Live Tabs: Playback Tabs: Sequence Explorer Tabs: Smart Search Tabs: Alerts Tabs: Library Tabs: Reports Tabs: Video Wall Tabs: External Services (LPR, FR, and HTTP API modules) Tabs: Data Sources Tabs: Access Control Menu buttons: File Menu buttons: Edit Menu buttons: View Menu buttons: Tools Menu buttons: Help Menu buttons: Connections Menu buttons: Video Analytics Connections Live Toolbar: Multidisplay Setup Button Live Toolbar: Screen Contents Button Server Connection Dialog: Remember Password Option Live Alarm Tabs: Create new tabs Live Alarm Tabs: Lock/unlock existing tabs Live Alarm Tabs: Edit locking tabs Live Alarm Tabs: Edit unlocking tabs Cookies: Clear cookies upon Client application exit (Related to use of Crosslink Basic Web URL)	Available	Available	Available			
	Server/Console/Client	<b>Language Support</b> Chinese (Simplified, PRC) Chinese (Traditional) Czech (Czech Republic) Dutch (Belgium) English (England) English (United States) French (France) German (Germany) Indonesian (Indonesian) Italian (Italy) Korean (Korea) Latvian (Latvia) Malay (Malaysia) Polish (Poland) Portuguese (Brazil) Russian (Russia) Serbian (Cyrillic, Serbia) Slovenian (Slovenia) Spanish (Mexico) Spanish (Spain) Thai (Thailand) Turkish (Turkey) Ukrainian (Ukraine)	Available	Available	Available		
		Mobile and Web	<b>Mobile / MacOS</b> Archive Playback: Per Channel Playback, GoTo Date/Time Battery Intensive Decoding Icon (When Software Decoding is Required) Chrome Cast Supported Codec Decoder: Hardware / Hardware & Software / Per Codec Configuration: JPEG / H.264 / H.265 / VP8 Channel Sets: Create / Modify (User Created Channel Groups) Edge Recording Storage Restrictions: (100/200/500)MB, (1/2/5/10/20)GB, All Available Space Edge Recording support: Offline Recording with Later Upload to Server Event Notification: E&A Notifications Pushed from Server GPS Meta Data: Stream Device Location with Video to Server Language Support: English, French, Italian, Dutch, Polish, Russian Layout Options: 1x1, 2x1, 2x2, 3x2 LDAP/AD Support Local Storage Support: Internal / SD Card (Device dependent) Mobile OS Support: Android / Android TV / iOS / iPadOS Mobile Camera: Back/Front, Codec, Resolution (Up to 4K), Bitrate, FPS, Microphone Maintain Aspect Ratio: On/Off Network: WiFi & Mobile Data (Cellular data), WiFi Only (VPN Supported) Panic Button: One Touch Quick Launch Streaming Panic Server: Target Server Streaming to PTZ: Control / Presets / Tours Server List: List of Servers to connect to (Single Server Connection) Snapshot: Save to Photos iOS / Save to Local Folder Android Time Zone Support: Client, Server TLS 1.2 support added (TLS 1.0/1.1 deprecated) User Buttons: Support for Server Side User Buttons Video Statistics Display: Codec, Bitrate, Frame Rate, Resolution Video Stream: Auto / Main Stream / Sub Stream Widgets: Update Interval - 30Sec, (1/2/5/10/15/30)Minutes, 1 Hour	Available	Available	Available	
			Web	<b>Web</b> Archive Playback Browser Support: Chrome, FireFox (Internet Explorer / Edge / Safari Not Supported) Custom view layouts Layout Options: 1x1, 1x2, 2x1, 2x2 Language Support: English, French, Italian, Dutch, Polish, Russian LDAP/AD Support TLS 1.2 support added (TLS 1.0/1.1 deprecated) Two-way audio support PTZ control, presets Receive audio from Client GUI Substream playback Save snapshots Server connections Video & audio streaming from mobile devices	Available	Available	Available
				Unlimited			
				Available	Available	Available	