

CAN YOUR VMS DO THIS?

December 6, 11am EST



CAN YOUR VMS DO THIS?

About our speaker, Brian Denmeade

Brian has been with CBC for over 16 years. He is our Field Application Engineer and has a passion for all things high-tech and for modern security solutions.

Agenda

1. What's different about CORTROL?
2. Key advantages of CORTROL to streamlining your workflow
3. The importance of VMS two-factor authentication
4. Case export with asynchronous clip management
5. Using advanced VNC options
6. Chromium embedded framework explained

WHAT DIFFERENTIATES CORTROL AS A VMS?



- Industry-competitive per channel costs
- Encrypted communications and storage
- Meets industry standards in core functionality
- Lower cost of ownership, with a two-year warranty
- 15K+ devices supported (*5k natively integrated + 10K devices, cameras, and video servers*)
- 190+ vendors/manufacturers supported
- Fast fulfillment of customer feature requests
- Push updates for the Client, Management Console, and Recording Server
- Utilizes low resource overhead, surpassing industry leaders
- Stream VNC, URL, RTSP, ONVIF, Video clips, and images
- RESTful API communications with non-integrated devices, & access control



Unique WOW FACTOR features:

- The mobile app offers body cam-like functionality and includes GPS metadata
- Live podcasts: Stream channels to RTMP services like YouTube
- Configured CORTROL Global as
 - A licensing & recording server
 - A licensing server with deployed recording servers



GANZ CONTROL: A VIDEO SOLUTIONS PLATFORM

What is Ganz CONTROL?

CORTROL offers two platforms:

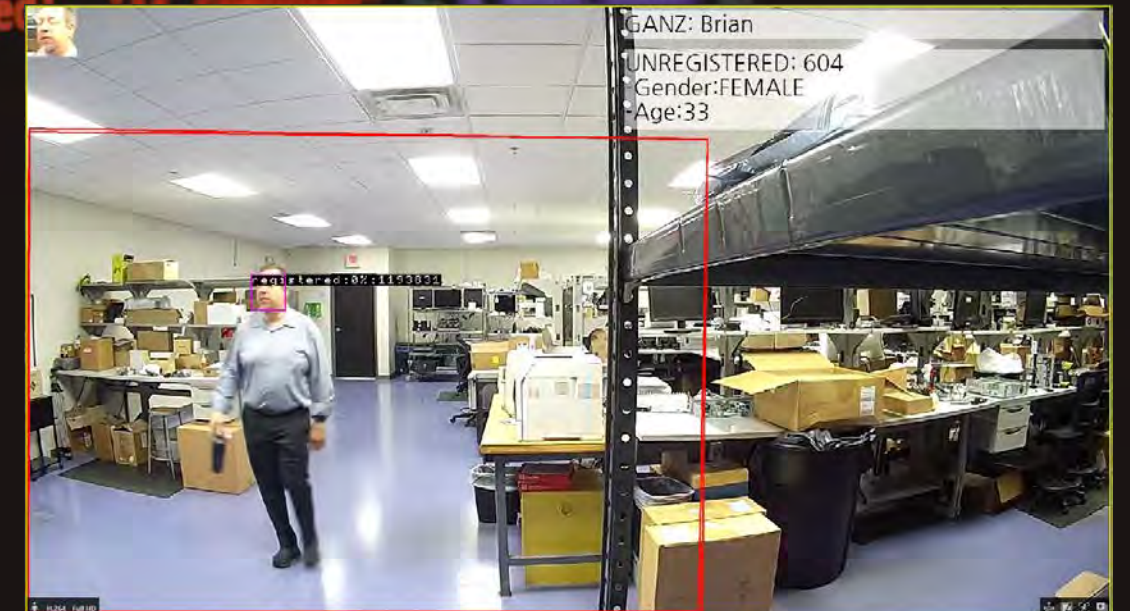
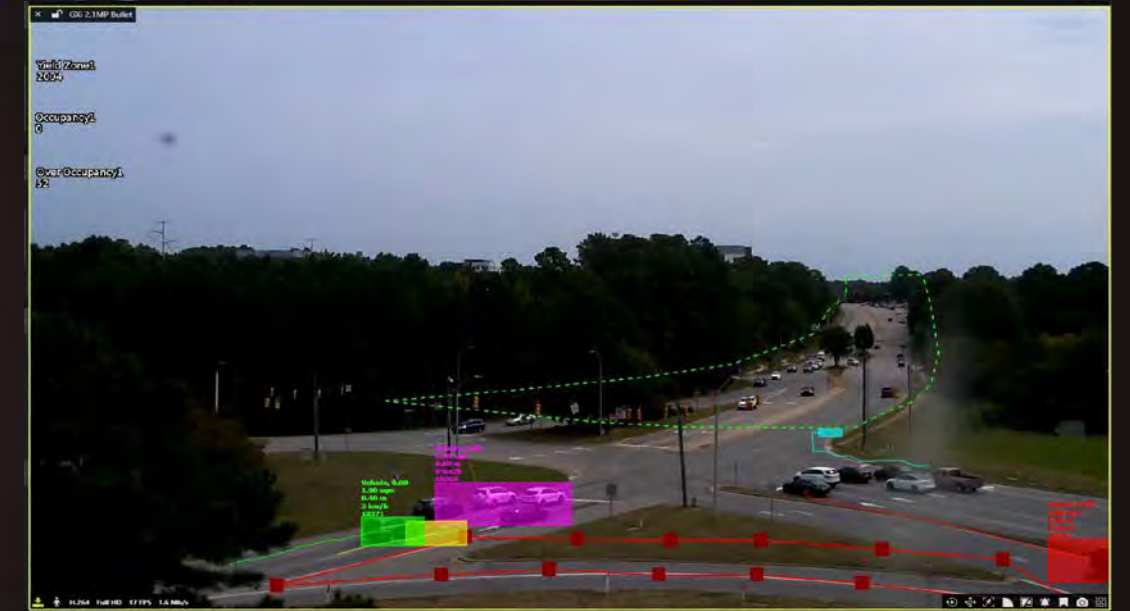
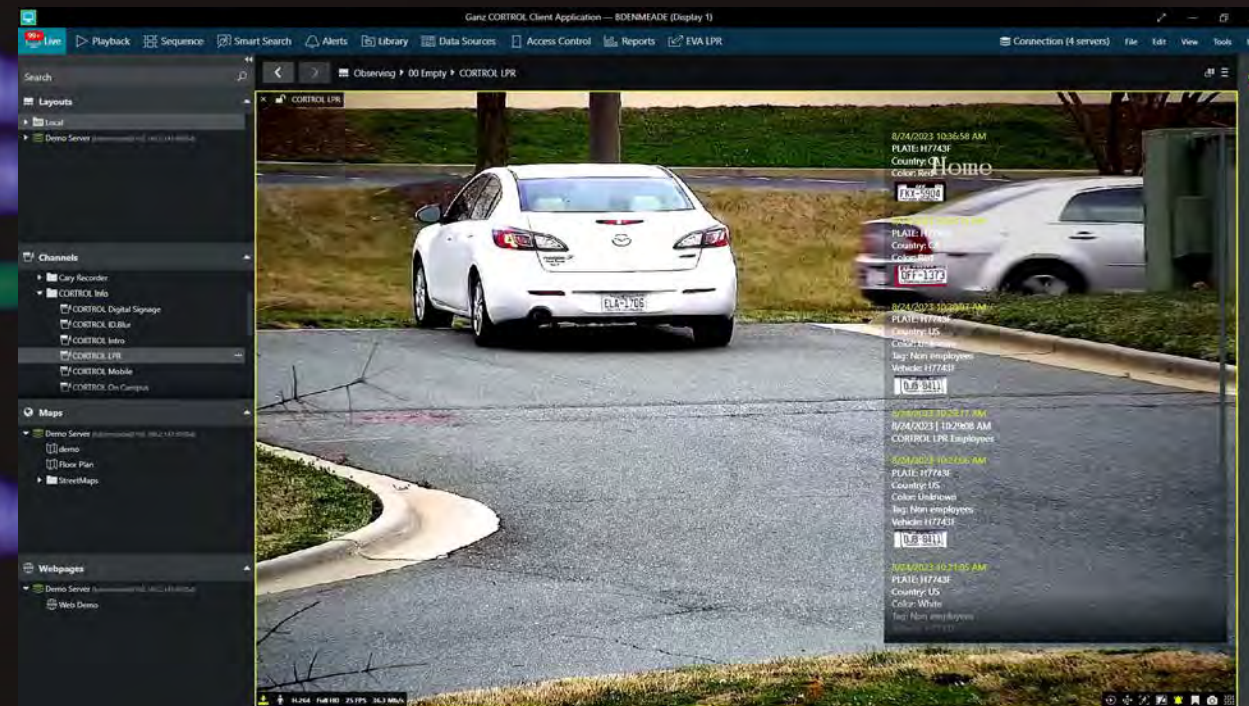
- CORTROL Premier – Single Server solution
- CORTROL Global – Single to Multi-Server solution

With a global presence of over 3 million channels

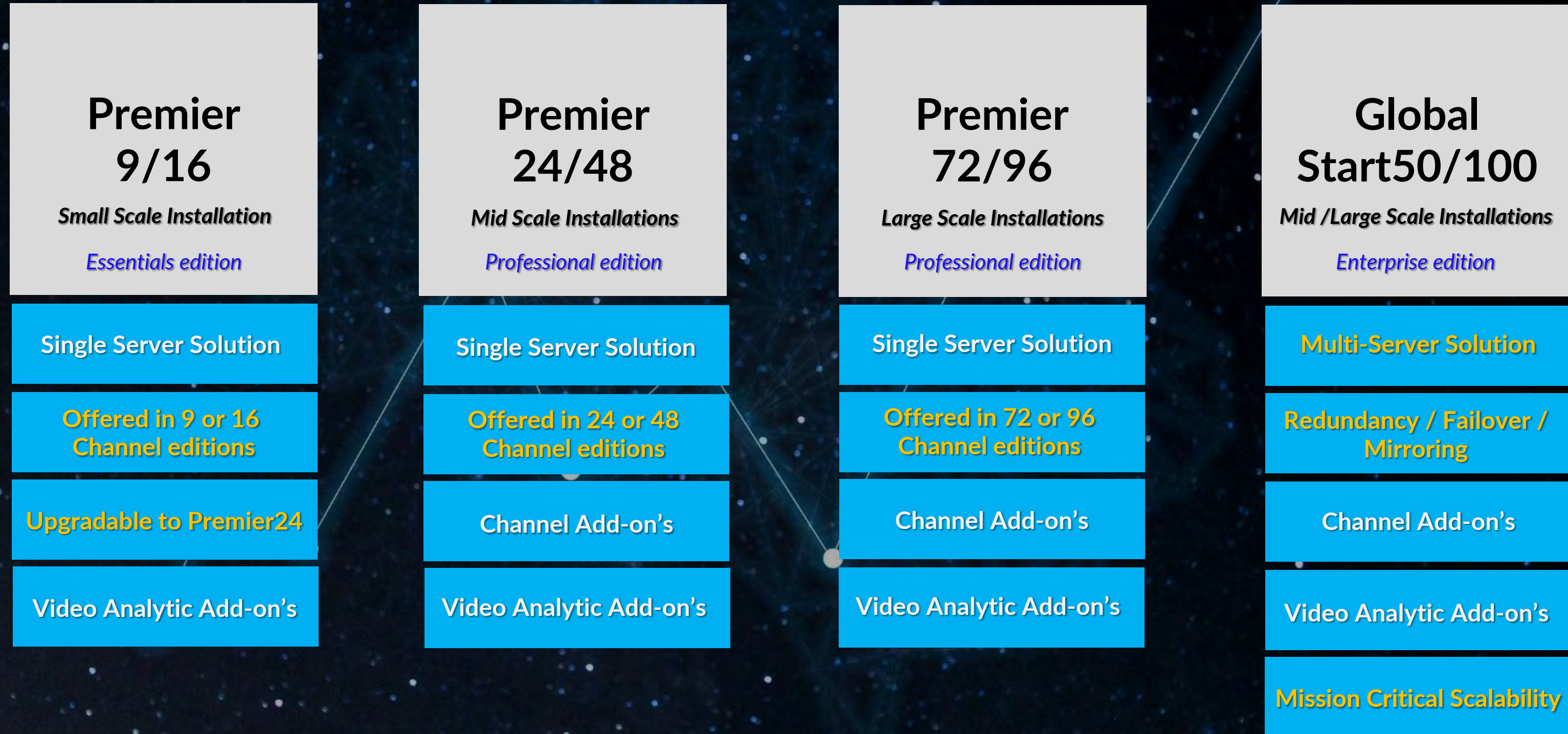
WHAT YOU NEED FOR STREAMLINING YOUR WORKFLOW

Easily Integrate 3rd Party Applications & Devices

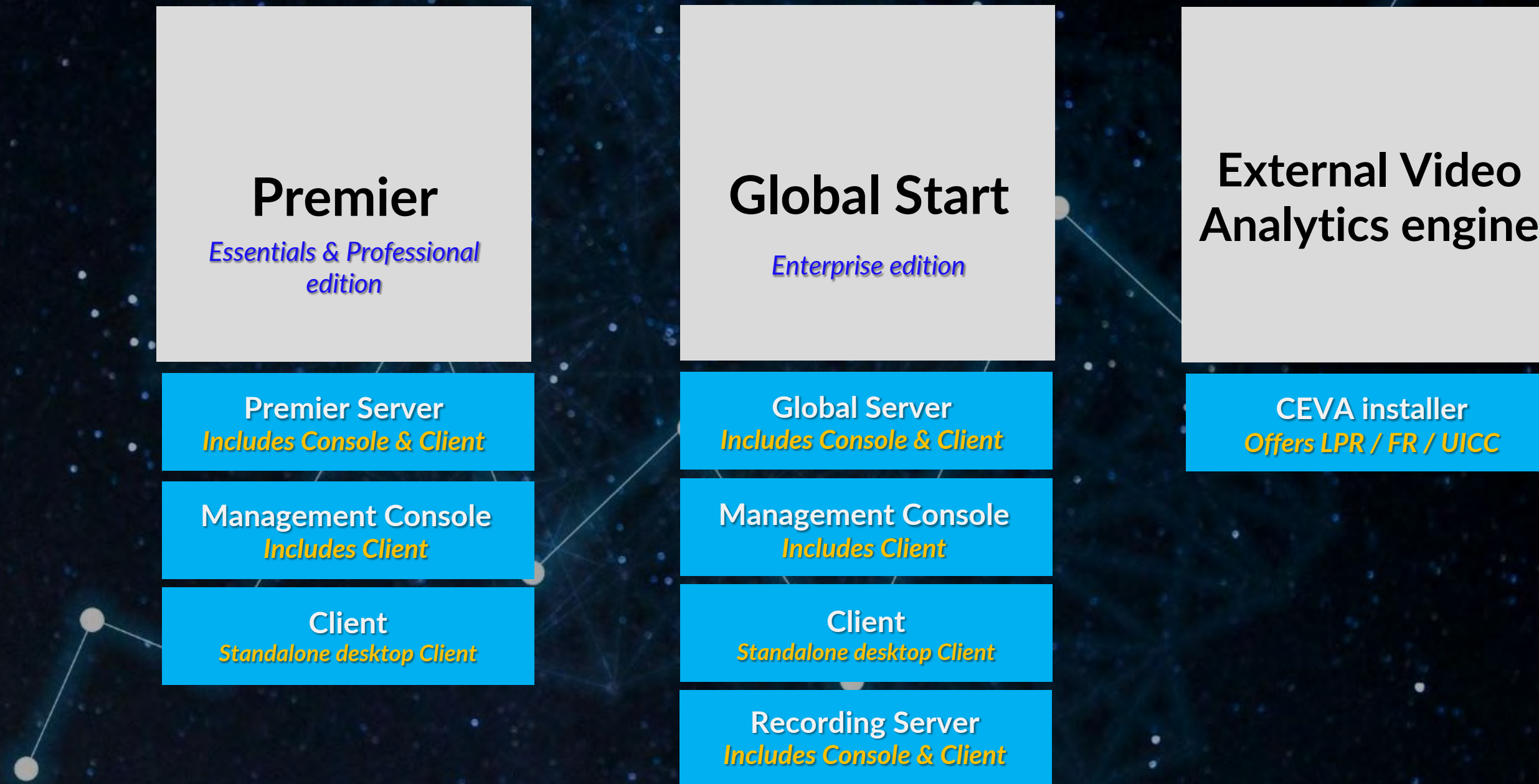
- Video Analytics: Server, Edge, Net Appliance
- Point of Sale / Data Sources
- Access Control Integrations
- License Plate Recognition
- Facial Recognition
- UICC Recognition
- OPC Client
- Cloud AI
- MQTT
- IoT



GANZ CONTROL TARGET INSTALLATIONS



GANZ CONTROL INSTALLATION PACKAGES



GANZ CONTROL: 2-YEAR CORE WARRANTY

Warranty two years

- Technical resources
- *Software updates supported*

Warranty expired

- Server function continues
- Technical resources supported
- *Software updates expired*

Warranty renewal

- Select 1, 2, 3, 4, 5, 6, 7, or 8-year renewal
- No back-dating required
- Technical resources continue
- *Software updates continue*

CORTROL
Premier

CORTROL
Global

GANZ CONTROL: CHANNEL ADD-ON WARRANTY

Warranty two years

- Channel add-ons have no inherent warranty
- Inherits balance of initial 2yr core warranty

Warranty Expired

- Channel expansion expired

Renewal, extension of core warranty

- Select 1, 2, 3, 4, 5, 6, 7, or 8-year renewal
- No back dating required
- Requires matching CORE warranty balance

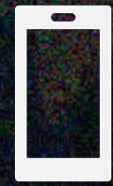
Premier 1Ch

Small to Large-Scale Installs

Global 1Ch

Mid to Large Scale and Mission
Critical Installs

GANZ CONTROL: NEW FEATURES & KEY ADVANTAGES



- Two-factor authentication
- OAUTH 2.0 Customer Identity and Access Management
- Crosslink advanced: The benefits of VNC viewer



- Crosslink basic: Interactive HTML channel based on the Chromium embedded framework



- Case Export video of multiple channels with custom time ranges
- i-PRO Active Guard OSS Plugin integration
- Visual shortcuts – Link functionality and shape

GANZ CONTROL: NEW FEATURES

Two-Factor Authentication

Multi-factor authentication
Two forms of identification
Authenticating 2x for access

- 2FA by SMS
- 2FA by email

Benefits

- Extra layer of protection
- Security of online Accounts
- Not just ID and password

Ganz CONTROL Management Console - 192.168.2.141:60554 - Global Server

Configuration > Servers

admin | Search

Configuration

- + New server
- Edit
- Assign group
- 1 selected

TITLE	FAILOVER CLUSTER	NETWORK	LOCAL IP	LOCAL VMS PORT	LOCAL HTTP PORT	INTERNET IP	INTERNET VMS PORT	INTERNET HTTP PORT	RECOGNITION HISTORY DB
Cary VM	none					198.24.69.46	60554	8081	Built-in
Global Server		Global Server network	192.168.2.141	60554	8080	173.42.78.61	60554	8080	Built-in
Mebane RS		Global Server network	192.168.2.251	60553	8082	173.42.78.61	60553	8082	Built-in
TSD Failover		Global Server network	192.168.2.169	60554	8080	173.42.78.61	60552	8083	Built-in
Failover Servers									
Recording Servers									

Recently added 0 | Recently Updated 0 | Warning 0 | Groups, 2 | Servers, 4



Video

GANZ CONTROL: NEW FEATURES

CIAM: OAuth 2.0

Customer Identity and Access Management

3rd Party authentication options

- Apple ID
- Custom (generic) ***
- Google account
- Microsoft account
- Okta ***

Benefits

- Global credential management
- Used by nation-wide corporations
- Token based credentials

Configuration > Servers

TITLE	FAILOVER CLUSTER	NETWORK	LOCAL IP	LOCAL VMS PORT	LOCAL HTTP PORT	INTERNET IP	INTERNET VMS PORT	INTERNET HTTP PORT	RECOGNITION HISTORY
Cary Recording	none					198.24.69.46	60554	8081	Built-in
Del Recorder	Global Server network	192.168.2.251		60553	8082	173.42.78.61	60553	8082	Built-in
Global Server	Global Server network	192.168.2.141		60554	8080	173.42.78.61	60554	8080	Built-in

Video



GANZ CONTROL: NEW FEATURES

Crosslink Basic: HTML Ch.

Chromium embedded framework

Create Interactive HTML Ch's

- IP camera web GUI
- DVR web GUI
- NVR web GUI
- IoT device web GUI
- Application Cloud web GUI
- Application Host web GUI
- Web Page monitoring

Benefits

- Unified Environmental Monitoring
- Simplified device management
- Device & Web URL centric layouts



Video

CORTROL GLOBAL DEMO



GANZ CONTROL: NEW FEATURES

Crosslink Advanced: VNC

PC/Server with VNC Server
Creates RDP opportunities

- Windows OS management
- Software management
- Device management
- Firmware management
- Manage Access Control
- Remote monitoring
- Remote assistance

• **Benefits**

- Unified Environmental Monitoring
- Simplified remote management
- Device & Remote centric layouts



Video

CORTROL GLOBAL DEMO



GANZ CONTROL: NEW FEATURES

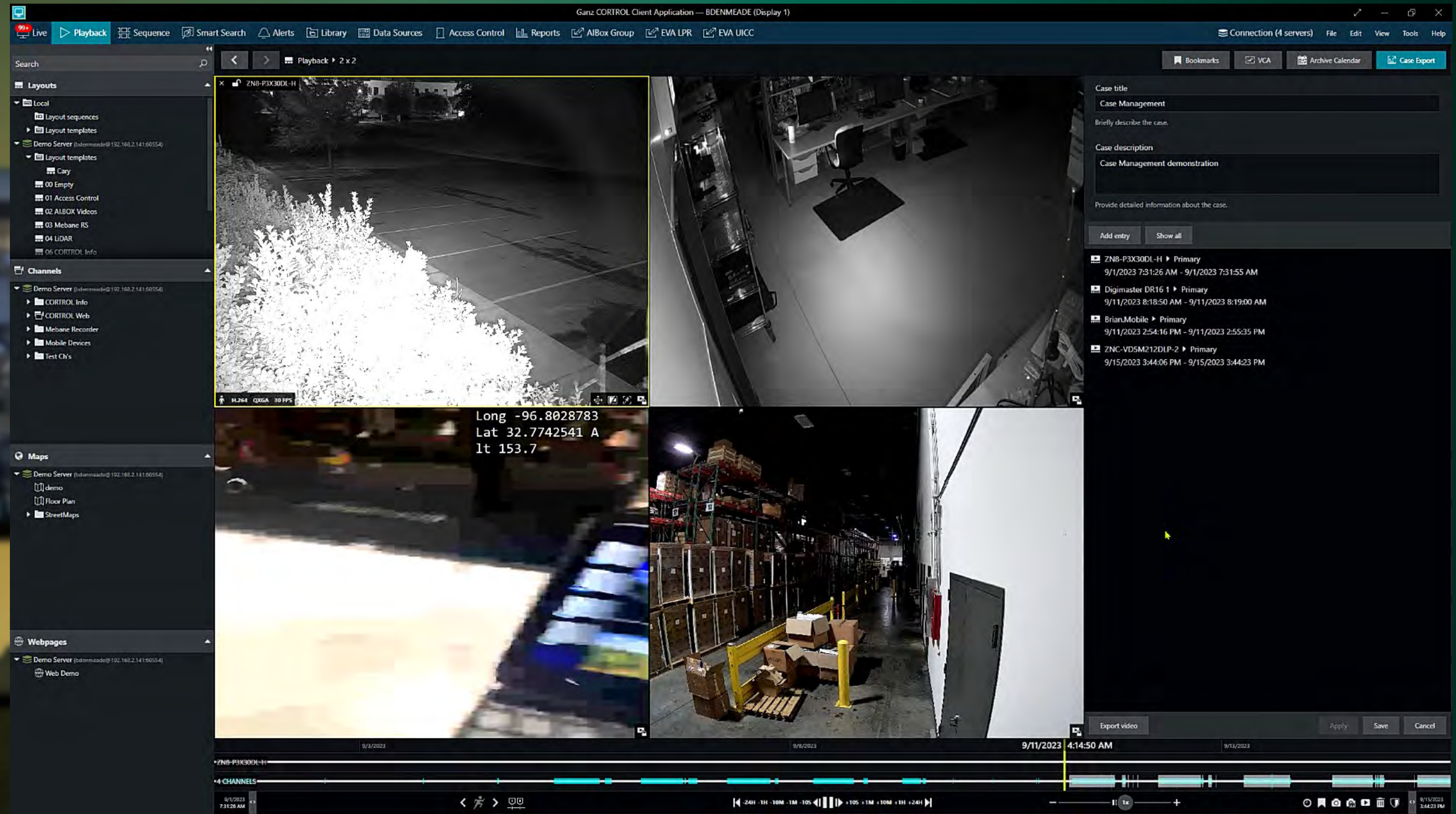
Case Management

Asynchronous video export

- Multiple channels
- Various dates and times
- One video export
- Sequential playback
- Save the case

Benefits

- Object path follow video clip
- Retrievable Case record
- Case discription



Video



GANZ CONTROL: NEW FEATURES

3rd Party Analytics Integration

Create a dedicated VA tab

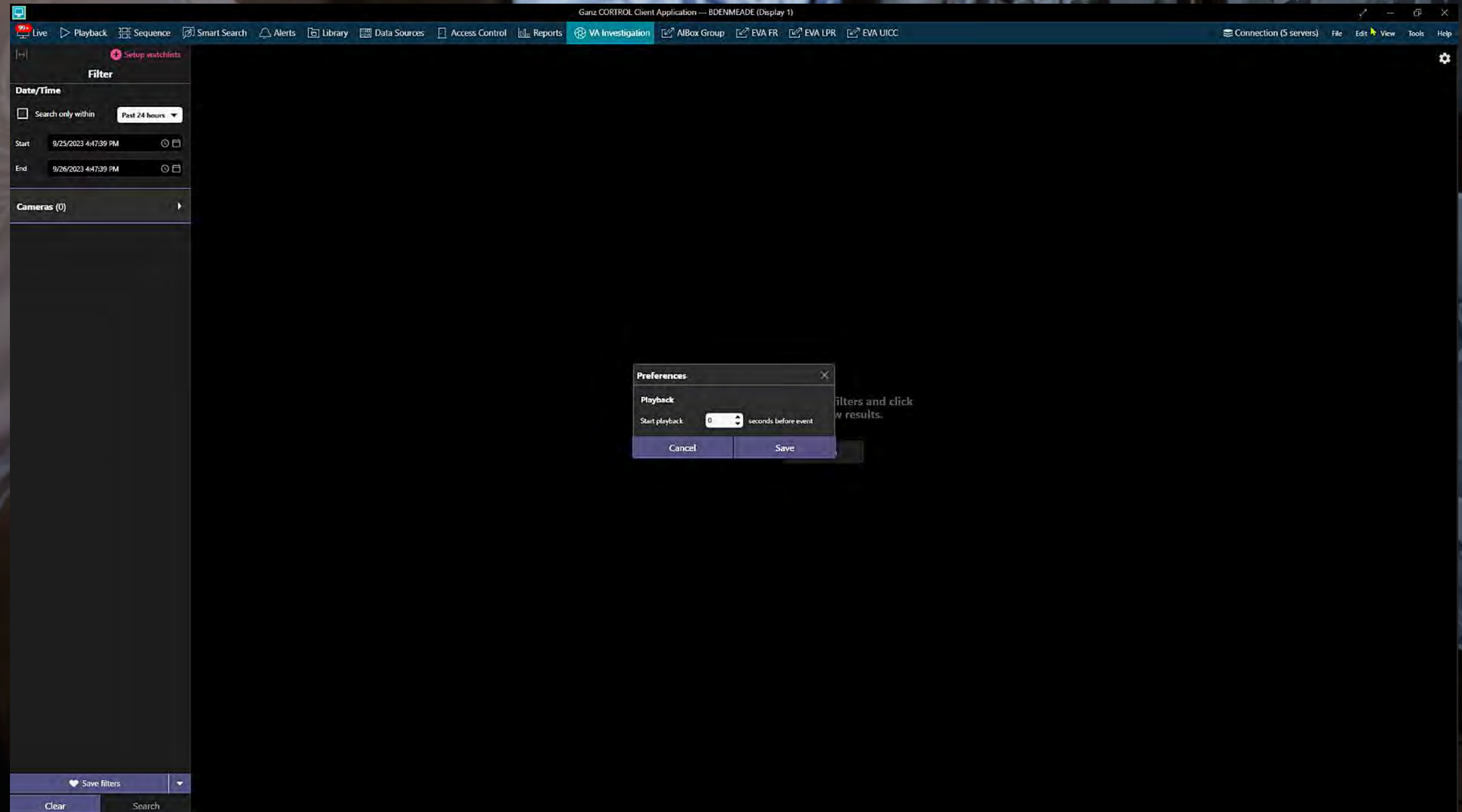
Use 3rd Party VA engines

Example: i-Pro's Active Guard

- Face Detection
- People Detection
- Vehicle Detection

Benefits

- 3rd Party Plugin architecture
- Expanded 3rd Party VA support
- Uniform forensic environment



Video

GANZ CONTROL: NEW FEATURES

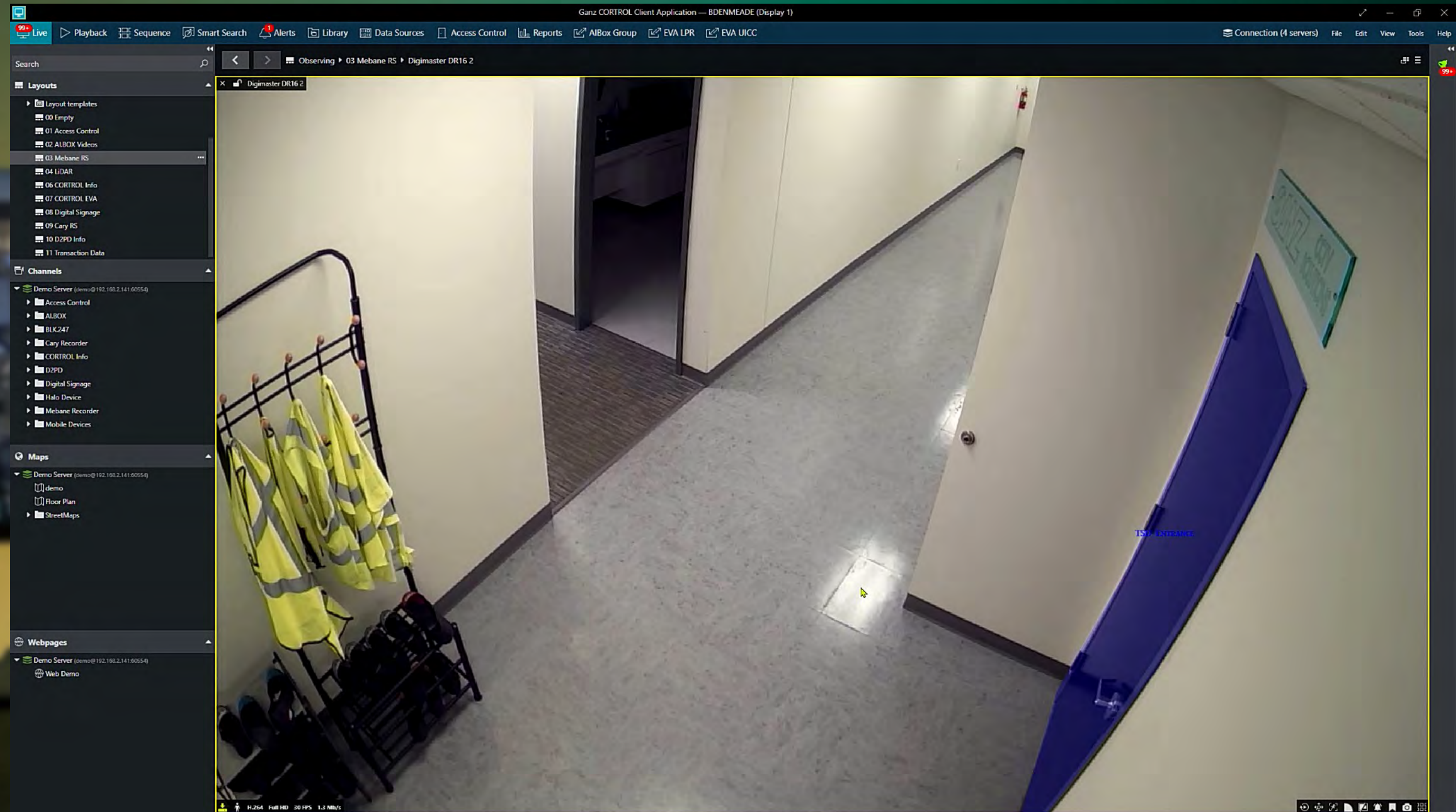
Visual Shortcuts

Shape: Rectangle or Polygon
Link functionality

- Channel
- Data channel
- Map / Geo Map
- Layout
- User button
- Webpage

Benefits

- Shape per requirement
- Improved visual astatic
- Greater flexibility in design



Video

Q & A

 **GANZ**
CORTRON

bdenmeade@cbcamerica.com | tyang@cbcamerica.com

East Coast +1 (919) 230-8700 | West Coast +1 (310) 222-8600

GANZSECURITY.COM

