

New or Existing
CCTV Cameras
(IP cameras opt.)

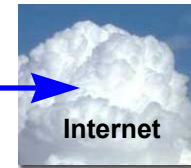


The **Boundless Security System™** digital video management system uniquely meets competing imaging needs for monitoring safety and operations, and the deterrence, intervention and investigation of criminals and terrorists. **It continuously provides three, not just one, different digital video streams per camera.**

All are available both live and recorded. Other systems try to handle this wide range of needs with only one stream per camera, compromising image quality, storage duration, network communications, and video display. **Note:** All video streams are shown below being stored within the Boundless **Streaming DVR** that creates them. However, each stream can be stored elsewhere for additional storage capacity and physical safety of the video data.

Boundless™ Streaming DVR continuously creates and records multiple different, digital, IP-video streams for each camera

Ethernet Switch and Router



Internet

Access control, POS, ATM



Live and recorded video is only sent when needed, minimizing the communications burden on local area networks and Internet. Optimized MPEG-4 video encoding maximizes frame rate for a given data rate.

First-responders can view **Intervention Streams** on hand held devices while enroute to an incident to prepare for engagement, and while at the scene to manage the emergency response.



Investigation Stream has sharpest images with highest resolution and fewest artifacts, 5 fps (typ.), and highest data rate (typ. 1 Mbps, max. 2 Mbps)

Deterrence Stream has medium resolution, smoothest motion at high frame rate (10 fps (Std. model) or 30 fps (Pro model)), and medium data rate (typ. 125 Kbps, max. 250 or 750 Kbps)

Intervention Stream has lowest resolution, 10 fps and lowest data rate (typ. 32 Kbps, max. 64 Kbps)

Simultaneously view one, live or recorded, **Investigation Stream**, four **Deterrence Streams**, 16 **Intervention Streams**, or a combination, from many sites at once, on each CCTV monitor (requires Windows PC with video card and Boundless' **Control Panel** software).



Simultaneously view four, live and/or recorded, **Investigation Streams**, 16 **Deterrence Streams**, or 64 **Intervention Streams**, or a combination, from many sites at once, on each PC using Boundless' **Control Panel**.



Deeper shadow indicates higher data rate

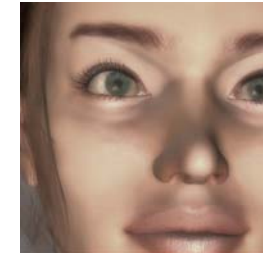
Simultaneously view six, live and/or recorded, **Investigation Streams**, 24 **Deterrence Streams**, 96 **Intervention Streams**, or a combination, from many sites at once, on each HDTV monitor (requires Boundless' **Display Server HDTV** and **Control Panel** software).



Boundless Security Systems

sharper images, better access, easier installation

The Top 12 Reasons You Need the Boundless Security System™ Now !



Get the Boundless
**Multi-Stream
Advantage™:**
We put you there !

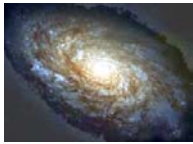
The **Boundless Security System™** is a digital video acquisition, recording, distribution, display and management system. It dramatically improves the quality and storage duration of recorded images, local and remote access and display-formatting of live and recorded images, and system reliability and survivability. It reduces installation costs.

The **Boundless Security System™** is a comprehensive, fully networked **system**. It brings the power of a network to video surveillance without flooding the network. It avoids network interference with core enterprise applications because it was designed from the ground up as a part of a network, not as a component connected to a network.

The **Boundless Security System™** is an interoperable platform for third-party applications. It uses industry standard computers throughout, avoiding supply, maintenance, service and expansion problems.

The **Boundless Security System™** uniquely provides the ease of installation and expansion of IP-based systems, with the smooth-motion video of CCTV systems -- all at **low bandwidth**.

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Boundless Security Systems, Inc.

sharper images with better access and easier installation

The Top 12 Reasons You Need the Boundless Security System™ Now ! to Get the Boundless Multi-Stream Advantage™

- ★ Avoid image quality, storage duration, network traffic, and display compromises of other video security systems by simultaneously and continuously having three, not just one, live and recorded digital video streams for every camera, each optimized for a particular use:
 - **Investigation stream** has highest resolution, sharpest images and longest storage for **investigations** by law enforcement to identify persons, vehicles and objects (typ. 1 Mbps)
 - **Deterrence stream** has medium resolution and smoothest motion to locally and remotely monitor safety and operations, and **deter** criminal and terrorist activity (typ. 125 Kbps)
 - **Intervention stream** has lowest resolution and data rate so first-responders can view video on handheld devices and **intervene** during natural and man-made incidents (typ. 32 Kbps)
 - ★ Ensure that no information is missed by recording all cameras continuously, rather than taking the risk that motion-detecting software fails to record video
 - ★ Search recorded video for motion and transactions using multiple criteria
 - ★ Low network traffic avoids interference with core enterprise applications
 - ★ Quickly, easily and inexpensively retrofit existing CCTV systems
 - ★ Reduce installation costs of new video security systems by 25% in new construction and 50% in old construction
 - ★ Reduce communications costs by 75%, increase frame rate 10x, and increase the number of video streams 5x that can be sent from each site to the Internet, and that can be viewed remotely at once
 - ★ Reduce cost of displaying dozens or more live and recorded video streams at once by 50% by avoiding display-formatting equipment and enabling use of large-screen HDTV monitors
 - ★ Most-flexible video display formatting
 - ★ Avoid sole-source supply, maintenance, expansion & interoperability problems
 - ★ Boundless configures systems remotely so systems integrators do not have to
 - ★ Obtain system-wide fault-tolerance that virtually eliminates system down-time
- ➔ **CALL NOW FOR A FREE SECURITY ASSESSMENT**

The *Boundless Security System™* **puts you there.** There are many commercial and government applications. It is ideal for chains.



Gas Stations,
Convenience Stores,
Restaurants, Retail
Stores



Office Buildings,
Office Parks



Factories,
Warehouses,
Storage Terminals



Banks



Schools, Municipal
Buildings, Public
Transportation,
Perimeters



Hospitals,
Retirement Homes,
Continuous Care
Facilities

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