

Boundless Security Systems, Inc.

the communications bandwidth experts

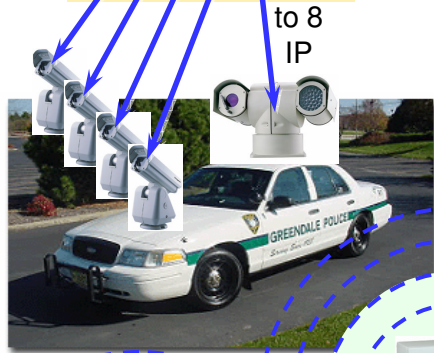
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Boundless' Ultra Low Bandwidth Outdoor and Mobile, *Multi-Stream Video Servers* Create WiFi Cloud and Transcode Video from Wireless IP-Cameras, Expanding Reach of Outdoor Surveillance

to 4
CCTV



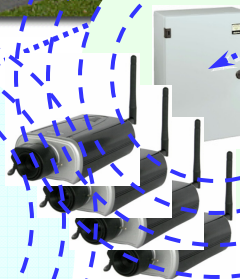
Indoor and mobile models of Boundless' *Transcoding Multi-Stream Video Server™* handle CCTV cameras and/or IP-cameras



to 8
IP

Boundless' *Outdoor Transcoding Video Server* has up to four IP-inputs, up to 1 TB of internal disk storage, thermal and power management systems, and shutdown UPS.

It is a *transcoding*, outdoor digital video surveillance *base station* that avoids overloading wide area networks. It creates a secured 802.11n WiFi cloud for external wireless IP-cameras. Its two-stage heat exchanger cools internal equipment and protects it from dust and pollutants. Not just a NVR, high bandwidth, high quality video from nearby IP-cameras is decoded, many different video streams with a 100:1 range of data rates are formed for each camera, all streams are compressed with MPEG-4, and recorded internally.



Boundless' outdoor *PanoView™* with two internal PTZ cameras gives wide-angle situation assessment and closeup views at the same time, solving the, "Where do I Point the Camera?" problem. Internally recorded video can be encrypted with secure remote dynamic authentication. Covert models are available. It creates a secured WiFi cloud for external wireless IP-cameras.

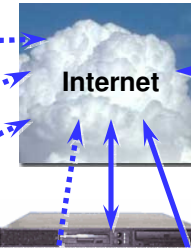
Internal Boundless' *Multi-Stream Video Server* creates three to eight internal IP-video streams *per camera* simultaneously, with different resolutions, frame rates and data rates, optimizing video for live and recorded remote viewing by teams for *situation assessment*, *monitoring* and *investigations*. Three resolutions are produced simultaneously for each internal camera. Live video can be viewed with as little as 8 Kbps.

Exposed domes of two PTZ cameras provide wide views



VGA, QVGA, QQVGA

Sept. 15, 2011 Preliminary and subject to change without notice. Some features opt.



Boundless' *Transcode Broadcast Media Server* provides an encrypted virtual private network for Boundless' *Multi-Stream Video Servers*, converts live and recorded video for viewing in a browser by many viewers at once without overloading field uplinks, and implements Boundless' *Rapid Event Notification System*. *Map-View* enables quickly and easily searching for and viewing cameras via Google maps.



Mobile task forces view live and recorded video, control PTZ cameras on smartphones including *iPhone*, *Droid* and *BlackBerry 7630* in a browser without any special software. Rapid alert messages with live and recorded video, not just snapshots, are pushed to viewers so they can respond quickly.



Mobile Data Terminals with Boundless' *Control Panel* client viewing and searching software access Boundless' *Multi-Stream Video Servers* for live and recorded video, and search recorded video. Low bandwidth streams enable recorded video to be viewed at up to 8X normal speed for fast review.



Command Centers have Boundless' *Control Panel* live and recorded viewing, and motion searching software, and web browsers on PC's. Dispatchers can push video messages to mobile task forces and broadcast video to public.