



# Boundless Security Systems, Inc.

sharper images with better access and easier installation

© 2006 Boundless Security Systems, Inc. (BSSI)  
3 Simm Lane, Unit #1F • Newtown, CT 06470 USA  
tel. 203-445-0562 • fax 203-445-0564  
sales(at)BoundlessS.com • www.BoundlessS.com

## Ultra Low Bandwidth, *Boundless Security System™* Provides Live Remote Viewing of 27 Cameras Simultaneously at 10 Frames per Second in Only 800 Kbps

The screenshot displays the 'Control Panel and Video Player' interface. The main area is a grid of 27 camera thumbnails. Each thumbnail has a green label at the top indicating the camera name and its current bandwidth (e.g., 'Live 17 Kbps Garage', 'Live 26 Kbps Grinding Ro', 'Live 15 Kbps Loading Doc'). The left sidebar contains controls for 'Live' and 'Recorded' views, zoom levels, and a tree view of the camera hierarchy under 'Mfg., CT'. The tree view lists 'Garage', 'Grinding Room', 'Loading Dock', 'Oil Heater', 'Out Back Par', and 'Out Drive Shi' with various resolution options like 'Live 160x', 'Live 320x', and 'Live 640x480'. The bottom left corner shows 'Mfg., CT Prod1 Ship End Live 160x120, 10 fps, 64 Kbps'.

Complex, rapidly changing remote situations, can be analyzed quickly.

Total remote situation awareness is provided in a single view.

No time wasted cycling through multiple cameras.

Multiple frames per second per camera capture rapid change even over relatively slow cellular and satellite wireless networks.



The ultra low bandwidth, *advanced* IP-based, multi-stream, *Boundless Security System™* provides unprecedented remote access to live and recorded video, and rapid searching. This screen shot of Boundless' *Control Panel* client live and recorded viewing, and searching software shows remote live viewing on a laptop PC of 27 QQVGA video streams simultaneously with 10 fps/camera of a factory. The total bandwidth is only 731 Kbps (varies) in this example. The name of the site, names of some of the 28 cameras at this site, and multiple resolution, frame rate and data rate, IP-video streams for each of the CCTV cameras, are shown at left. The instantaneous live bandwidth of each video stream is shown in green.