

LiveFeed Mobile Streaming Blade



> Applications

- Streaming IP video to Mobile devices over 3G/4G/LTE networks to mobile smartphones, tablets, or laptop PCs.
- Edge appliance providing video across network boundaries
- Securely delivering Intelligence Security and Surveillance (ISR) video from airborne vehicles to mobile users

> Benefits

- Seamless integration with LiveFeed Channel Manager allows operators to quickly provision video streams for multiple wired and wireless devices, such as smartphones and tablets, from within EZ TV
- Automatically identifies wired and wireless device types and serves the appropriate stream format
- A selection of existing IPTV streams can be made available to devices at any time
- Supports up to 10 unique sources and up to 100 concurrent viewers with a single blade
- Integrated iPhone, iPad and Android LiveFeed Player apps with full channel guide synchronization and user authentication
- Live reporting of blade status including current usage, maximum usage, active streams and hardware status
- Provides video service to remote users that connect over a VPN or IP tunnel

> Overview

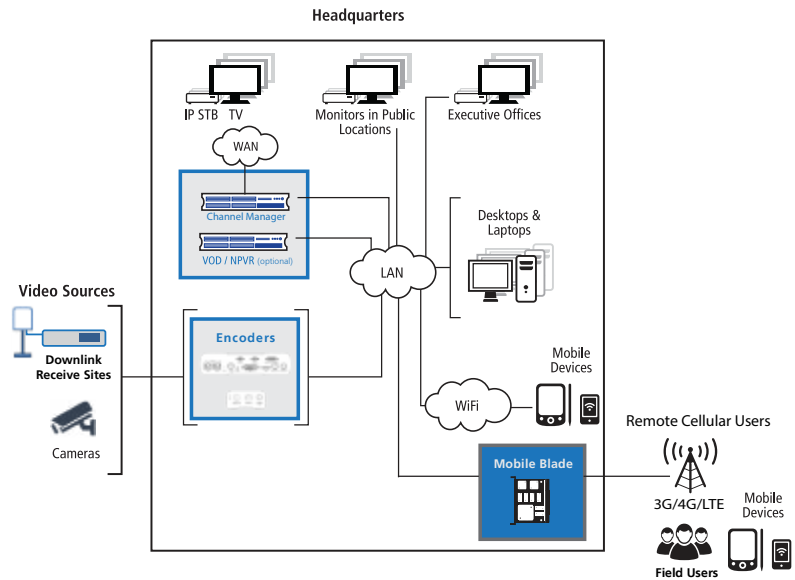
The LiveFeed Streaming Blade provides unicast video on demand to hundreds of users connecting from outside your LAN over connections which do not support multicast video, including VPNs, IP Tunnels and even dial-up connections.

The LiveFeed Streaming Blade for the MGW X100 line of modular carrier grade chassis products is the most flexible and scalable solution available for delivering video over LAN and WAN enterprise networks. The system is designed for reliability and cost efficiency, and is future-proof to last in the evolving video market place.



> Key Features

- Support for all widely available smart phones, tablets and other mobile devices Real-time video delivery using all major formats:
 - Microsoft Smooth Streaming (SSL)
 - Apple HTTP Live Streaming (HLS) RTP/RTSP
 - Adobe Flash video
- Seamless integration with LiveFeed Channel Manager
- Access control through Active Directory
- Dynamic channel availability for VOD and live feeds Central portal control of all stored and live content
- Compact PCI hot swappable design allows integration with any MGW chassis for maximum flexibility and 365x24x7 reliability
- Live report of current usage, maximum usage, active streams and hardware status
- Optimized for MPEG-4 H.264 HD and SD video to deliver the best quality for each device or platform Independent network interfaces separate traffic outbound to mobile devices from the source network
- 19" racking rails kit included with server



Technical Specifications

Video Codec

- MPEG-4 Part-10 ISO / IEC 14496-10 (H.264/AVC) baseline, main and high profiles CBR, VBR
- MPEG-2 and MPEG-4 Part-10 H.264
- Color system: NTSC, PAL
- Resolutions: QCIF up to full HD 1920x1080 Frame rates: 1 - 60
- Aspect ratio: 4:3, 16:9
- Encapsulation: MPEG-2 transport over UDP multicast/unicast

Audio Codec

- MPEG-1 Layer II, AAC, AAC+, AAC LC, AAC HC, AC3, AC3+
- Bit-rates: 8 to 384 Kbps
- Mono, Stereo

Output Streams

- Apple HTTP streaming (HLS)
- Microsoft Smooth Streaming (Silverlight) Adobe Flash H.264
- Standard and high definition up to Full HD 1920x1080

Network Interfaces

- 2 x 10/100/1000 Base-T

Video Processing Capacity

- Up to 10 unique IP stream sources (SD or HD) Up to 200 concurrent mobile viewers
- Up to 500 Mbps total streaming capacity

Compliance

- CE EMC standards: 2004/108/EEC CE safety standards: 2006/95/EC
- FCC standards: FCC Part 15 Subpart B Class A

Management

- HTTP web management and monitoring dashboard
- Integration with LiveFeed Channel Manager IPTV System for cluster management and remote configuration