

WATERFALL FOR IP VIDEO & AUDIO

SECURE IP VIDEO SURVEILLANCE CAMERA STREAMING

A wide range of industries, from energy companies and utilities to transport authorities, use video surveillance to safeguard critical assets, monitor the condition of remote equipment and ensure passenger safety. Video streaming is vulnerable to attacks that compromise both the cameras themselves and the networks to which they are connected. Connecting to IP video directly through firewalls is problematic as all connections through firewalls introduce attack opportunities.

The Waterfall for IP Video & Audio Connector enables safe and continuous IP video and audio streaming without introducing risks of attack on camera networks. Deploying Waterfall's Unidirectional Security Gateways with the Waterfall for IP Video and Audio Connector eliminates the risk of remote cyberattacks on surveillance systems while leveraging high quality video streams to ensure the physical safety of sites and assets.

Waterfall IP Video and Audio connectors are simple to install, with user-friendly configuration and monitoring tools. Comprehensive diagnostics include real-time alarms that alert the user of fault conditions via Syslog, Windows logs, email, SNMP traps, log files and Waterfall's monitoring console.

BENEFITS OF USING WATERFALL FOR IP VIDEO & AUDIO



Secure streaming of IP Video and Audio



Elimination of remote control cyber attacks
and botnets



Facilitating compliance with NERC CIP,
NIST, CFATS, ANSSI, UK DfT and more



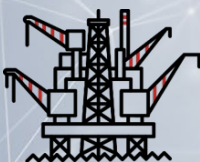
Seamless integration with surveillance
systems



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water



Power



Pharma

WATERFALL FOR IP VIDEO AND AUDIO

Waterfall Unidirectional Security Gateways and the Waterfall for IP Video and Audio connector serve a dual protection role. Since it is generally impossible to physically protect all field cameras, camera networks are at risk of compromise from attackers who gain physical access to the cameras and the camera network. Waterfall's IP Video and Audio solution protects OT and IT networks from compromised camera networks. Conversely, Internet-based attackers have proven able to breach firewalls in the course of compromising camera networks, putting reliable recording at risk and contaminating camera software with Internet botnets. Waterfall's IP Video and Audio solution protects camera networks from remote-control attacks.

Waterfall's Unidirectional Security Gateway hardware deployed between the cameras and the IT network makes it physically impossible for attacks to reach the protected video network. The combination of gateway hardware and IP Video and Audio software also make it practically impossible for an attacker with physical access to the camera network to put unidirectionally-connected networks at risk. The Waterfall for IP Video and Audio Connector provides seamless transfer of video data across a surveillance system spread across remote locations and into the organizational network, while ensuring network security on all these levels.



FULLY- FEATURED & ROBUST SUPPORT:

- » Supports RTP, RTSP and UDP video
- » Secure monitoring and operating video surveillance systems from administrative networks
- » Separate control channel to securely control cameras
- » Supports any surveillance system vendor
- » Supports a wide range of cameras
- » Built-in data inspection capability
- » Easy and user-friendly installation and operation

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ABOUT WATERFALL SECURITY SOLUTIONS

Waterfall Security Solutions is the global leader in industrial cybersecurity technology. The company's expanding portfolio of customers includes national infrastructures, power plants, nuclear plants, offshore oil and gas facilities, rail transport, refineries, manufacturing plants, utility companies, and many more. Deployed throughout North America, Europe, the Middle East and Asia, Waterfall products support the widest range of leading industrial remote monitoring platforms, applications, databases and protocols in the market. Please contact: info@waterfall-security.com