

UORUM **STREAM**

A software module that broadcasts IP video streams across the internet

Quorum Stream runs on separate PCs and can be used as a standalone solution, controlled by Quorum View, or by one of the many Codestuff based management suites available on the market.

It enables organisations to use the Internet as a method of viewing security video from a variety of remote locations.



Quorum Stream has been designed to harness the power of MPEG4 and RTSP to offer an independent solution that considers and solves many of the problems associated with low bandwidth and firewalls.

■ Key Benefits

- User-friendly web interface
- Reduces the burden on your network by receiving one stream, and broadcasting to many clients
- Secure external access allows security arrangements to be monitored from any location
- Modifies a stream's bit rate, frame rate, resolution and quality to make access possible over wireless, ISDN or even dialup
- Compatible with any RTSP-compliant client, including Apple QuickTime and Real Player

■ Intuitive Web Interface

A user-friendly web interface provides configuration access to Quorum Stream. A simple video viewing page provides a zero-install solution, enabling the user to view any supported video device.

■ Remote Cameras

When IP cameras or servers are located remotely and their network connections can only handle one video stream, Quorum Stream can provide multiple access to these resources.

Quorum Stream receives one stream and broadcasts it to many clients, reducing the burden on the more limited parts of your network and devices.

■ External Access

Quorum Stream is designed to extend your digital video network by providing secure external access, for example, video feeds from a corporate network allow building security to be monitored from any location.

■ Narrowband Connections

In today's security-conscious environment, the highest quality video is expected. In turn, this can cause bandwidth-hungry video streams on your local network.

Quorum Stream has been built with this in mind and is able to transcode video streams by modifying a stream's bit rate, frame rate, resolution and quality to a more narrowband-friendly format making access possible over wireless, ISDN or even dialup.

■ Firewall Friendly

Built on respected and proven Internet protocols, including RTSP and RTP, Quorum Stream makes light work of traversing network boundaries.

■ Multiple Player Support

Quorum Stream can be used with any RTSP-compliant client, including Apple QuickTime and Real Player.

■ Components

Quorum Stream consists of a Microsoft .Net Framework-based service, which provides the core functionality of the product including the video transcoder and the RTSP server.

■ Specifications

A typical Quorum Stream PC requires:

- 32- or 64-bit architecture using 32-bit OS
- 2GB DDR2 RAM
- 1Gb Ethernet NIC
- 32-bit operating system, such as Windows XP Professional, service pack 3, or greater
- .Net Framework 3.5
- Direct-X 9.0c (March 2009)

Supported Protocols

Quorum Stream conforms to the following internet protocols:

- Real Time Streaming Protocol (RTSP)
- Provides media streams control (IETF RFC 2326)
- Real-time Transport Protocol (RTP)
- For real-time media transmission (IETF RFC 3550)

■ Upcoming Features

Quorum Stream currently operates as MPEG 4 RTSP stream but will offer MJPEG or HTTP push at the next development release.

■ Supported Manufacturers

Quorum Stream benefits from Codestuff's growing list of supported manufacturers:

- ACTi
- Axis
- Arecont
- Bosch Autodome
- Ganz
- IQInvision
- MangoDSP
- Mobotix
- NetVu (DM)
- Pelco
- Vivotek

