



Video Surveillance Solution

Product Data Sheet

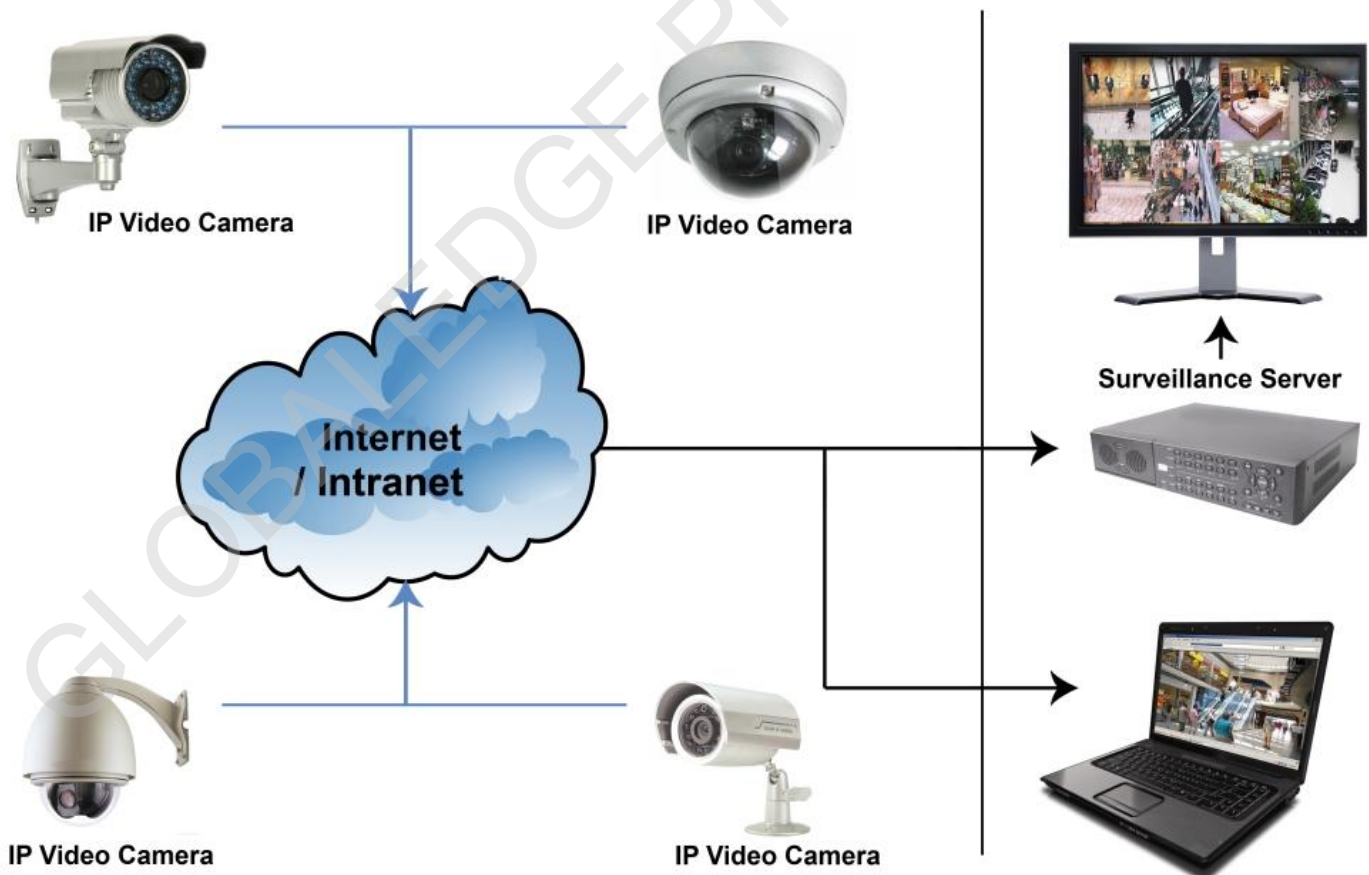
Introduction

GlobalEdge's Video Surveillance Software solution is comprised of embedded Linux camera software and surveillance server software. The Linux optimized camera software can be integrated with the various chipsets enabling rapid development of video surveillance solutions.

Description

The solution has been designed to support easy integration with Codecs supplied by either chipset manufacturer, 3rd Party vendors or with those developed by GlobalEdge. Wherever available, hardware acceleration or DSP optimized libraries are used, in order to get the maximum performance with the lowest power consumption. The modules that are likely candidates for acceleration are the Audio / Video Codecs and the Security libraries.

The solution supports audio / video delivery in multiple protocols and formats



Specifications

IP Camera Hardware Specifications

- Resolutions: VGA (640x480), SVGA (800x600), 720p
- Frame Rate: 15 - 30 fps
- Dual Camera Support
- H.264 Video Codec Hardware Acceleration
- Security Engine
- Ethernet Network Interface
- Power Over Ethernet
- Wi-Fi (optional) Security

IP Camera Software Specifications

- Protocols: RTP/RTCP, RTSP, UPnP, DLNA
- Video Formats: JPEG, H.264
- Audio Formats: G.711, AAC
- Secure Control and Data Transmission
- Configuration: DHCP, SNMP, HTTP, UPnP, CLI
- Advanced Features
 - Motion Detection
 - Face Detection
 - Pan, Tilt and Zoom
 - Timestamp

Surveillance Server Specification

- Multi-camera Video Recorder – Receive & Record
- Multi-camera Live Video Display – Decode, Playback
- Continuous, Scheduled & Trigger Recording
- Playback of Archived Video
- Video Codec: JPEG, H.264, MPEG2, MPEG4
- Camera Control – Start, Stop, PTZ
- Graphical User Interface
 - Server Display Recording Playback

Applications

- Video Door Cameras
- Baby Monitors
- CCTV Surveillance
- ATM Surveillance
- Cash Transmit Surveillance
- Automotive Video Recorder (Blackbox)