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Video Surveillance and Monitoring System—Full Life-Cycle Development

Client

Storage Computer Corporation is a leading developer and manufacturer of intelligent software-driven multi-host storage solutions for Unix, NT, and Internet-based applications.

Solution

The hardware of the surveillance system provides up to 4 live MPEG video streams from its cameras. Media information is accumulated on the networked video storage by means of the Media Assets Management (MAM) system and collector application. The video player application enables user access to these files and performs real-time playback at the desktop of windowed PC tracking system.

Key Features of Video Surveillance and Monitoring System

- 30 video sources in the building;
- between 2 and 4 cameras in each room (cameras are located in medical and examination rooms);
- all the encoders and video server are installed in a control room;
- audio sources (microphones) in the rooms, each camera/recorder in the room will have the same sound;
- all related clips are associated with a single session;
- all video clips recorded in a room during one session are played back together, with ability to start, pause, jump and forward all clips with one click.

Auriga's Contribution

Software design, development, and implementation from scratch; User documentation development.

Implementation

OS and tools: Windows 2000, Microsoft Visual Basic, Darim MxTV client SDK, Darim Netgator 100 devices