



Success Story

A Japanese Fortune 500 Networking Company

Hotel Video System

The Challenge

The objective was to provide an environment that would enable hotels to provide room to room information and entertainment services to the customers. This entailed a complete solution including development of hardware, software and system integration with other components.

Solution

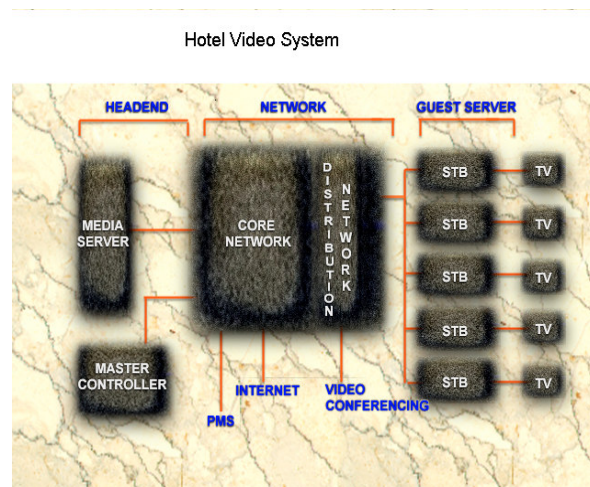
A team at Network Programs developed a network that consisted of a media server, master controller, guest server (STB) for supporting the complete network.

The media server was a scalable MPEG II digital server that provided for storage, retrieval and management of audio and video contents. It supported multiple connections simultaneously.

A guest server is the set top box that provided interactive communication and real-time information to the guest at the hotel through a remote control.

The master controller is a digital server that provided communication with the guest server and controlled the entire information flow between the STB and the media server. It supported multiple guest servers and directed the information requests and traffic.

The network support could be based on coaxial, Ethernet or ATM. The number of simultaneous video connections was governed by the bandwidth support of the underlying media.



Benefits

- Hotel guests could access the video from media servers on the network
- Multiple guests were able to access the same video simultaneously