



Project Profile



Financial Risk Management

Audiovisual Budget:
\$250,000.

Project Location:
Manhattan, NY.

When FRM Research expanded into their new office in New York City, they were challenged with a fast-paced project schedule and high-demand for presentation systems, videoconferencing, and informative displays. FRM, an International Investment Company, relies on videoconferencing technology for every day business communications.

The Challenge

Design a multi-room audiovisual system which offers a high level of functionality while maintaining a clean appearance. Automate systems offering a user-friendly operation.

The Solution

Four rooms were designed for presentations and videoconferencing for both internal and external meetings. Avestus integrated custom control systems which automate functions with an easy-to-use graphical user interface. Components are neatly hidden within the office furniture keeping a consistent theme of the overall design.

Avestus is a leading provider of integrated presentation solutions. For more information about Avestus products and services, visit our website at www.avectus.com and all of the products and services mentioned herein are trademarks of Avestus LLC.



24 Cokesbury Road, Lebanon, NJ. 08833

P (908) 236-0030 **F** (908) 236-0060

W www.avectus.com **E** sales@avectus.com

Companies and product names mentioned are used for identification purposes only and may be trademarks of their respective companies.



Integrated Functionality

Presentations with a dedicated network PC, Multiple Laptop inputs, DVD, VCR, Satellite TV, and Videoconferencing is made possible with the Boardroom's fully-integrated audiovisual system. The custom control system enables end-user operation at every level of technical knowledge.

System Components

- ◆ Dual Fujitsu 42" Plasma Display Panels
- ◆ Proxima 4,000 ANSI Lumen Projector
- ◆ DaLite 100" Motorized Projection Screen
- ◆ Custom Crestron Control System
- ◆ Tandberg Videoconferencing Codec
- ◆ TOA Commercial Audio System
- ◆ Denon Professional Series DVD Player
- ◆ JVC Professional S-VHS Player/Recorder
- ◆ Extron Matrix Switcher and Interfacing
- ◆ Surgex Power Surge Protection



Architectural Design

Custom design elements are apparent throughout the boardroom. Avestus worked closely with project architects and contractors to ensure proper location of audiovisual components within the office furniture.

The Proxima projector, shown on the left, was mounted within a wood column which maintains a "hidden" appearance when in use.



System Components

- ◆ Dual Fujitsu 42" Plasma Display Panels
- ◆ Tandberg Videoconferencing Codec
- ◆ Tandber Pan/Tilt/Zoom Camera
- ◆ TOA Commercial Mixer/Amplifier
- ◆ Extron Switcher and Interfacing
- ◆ RF Wireless Keyboard and Mouse
- ◆ Surdex Power Surge Protection

System Design

The videoconference room was designed for remote collaborative meetings. Custom mounted Plasma Panels offer high-quality video performance while maintaining a clean appearance. Tandberg's videoconferencing Codec along with Virtual Private Networking (VPN) enables FRM to conduct meetings internationally.

Videoconferencing Financial Environments

Financial services companies have to make fast decisions with a lot at stake. Each day, financial managers on continents across the globe meet and discuss time-critical investment opportunities. Opinion gets transmitted more effectively. Questions are answered more efficiently. Video communications allow financial services companies to be more competitive at lower cost.

Videoconferencing Benefits

- It lets you be two places at the same time.
- You can have more frequent contact with colleagues, partners, suppliers and customers without having to leave the office.
- It allows for ad hoc meetings letting you discuss urgent matters and take immediate decisions.
- Lifelike audio and video let you act as you would in a physical meeting.
- By letting you save time, resources and money, it improves the effectiveness of your working day and your quality of life.



System Components

- ♦ Dual Fujitsu 42" Plasma Display Panels
- ♦ Custom Crestron Control System
- ♦ Tandberg Videoconferencing Codec
- ♦ TOA Commercial Audio System
- ♦ Denon Professional Series DVD Player
- ♦ JVC Professional S-VHS Player/Recorder
- ♦ Extron Matrix Switcher and Interfacing
- ♦ Surgex Power Surge Protection

System Design

The Executive Office Suite was designed for remote collaborative meetings. Custom mounted Plasma Panels offer high-quality video performance while maintaining a clean appearance. Tandberg's videoconferencing Codec along with Virtual Private Networking (VPN) enables FRM to conduct meetings internationally.



Control System Integration

Crestron's control system processor along with Color-Touch Panel automates the audiovisual and videoconferencing components making operation of the system effortless.

All controls, including motorized shades and lighting are integrated into a single seamless Graphical User Interface.



Project Profile

SIEMENS

Project Location:
Iselin, NJ.

When Siemens relocated their offices to Iselin, New Jersey, they contracted Apectus to provide pre-construction consultation, and Installation services for multiple audiovisual and videoconferencing room systems. Project coordination and timelines were a critical element of the overall project.

The Challenge

Design six audiovisual systems which offer a high level of functionality for business meetings and customer presentations.

Automate systems offering a user-friendly operation.

The Solution

Audiovisual systems were specifically designed for each room's function, decor and budget. Apectus integrated various custom control systems which automate functions with easy-to-use interfaces.

Apectus is a leading provider of integrated presentation solutions. For more information about Apectus products and services, visit our website at www.apectus.com and all of the products and services mentioned herein are trademarks of Apectus LLC.

Companies and product names mentioned are used for identification purposes only and may be trademarks of their respective companies.



24 Cokesbury Road, Lebanon, NJ. 08833

P (908) 236-0030 **F** (908) 236-0060

W www.apectus.com **E** sales@apectus.com

Executive Boardroom



System Components

- ◆ NEC 50" Plasma Display Panel
- ◆ Proxima 4,500 Lumen LCD Projector
- ◆ Display Devices Motorized Projector Lift
- ◆ DaLite Motorized Projection Screen
- ◆ PictureTel Videoconferencing System
- ◆ Custom Crestron Control System
- ◆ ClearOne Audioconferencing System
- ◆ TOA Commercial Sound System
- ◆ Shure Table Microphones
- ◆ Extron Matrix Switching and Interfacing
- ◆ Extron Pop-up Boxes - Laptop Connection
- ◆ Lutron Lighting and Control Interface

System Design

The Executive Boardroom was designed for complete remote collaborative meetings. The custom mounted Plasma Panel offers high-quality performance for videoconferencing, while the fully motorized LCD projection system offers a large screen for viewing presentations. Extron's Table-mounted pop-up boxes allow end-users to plug in their laptop, gain intranet access and display presentations on the Plasma Panel or Projection Screen. The audio system consists of TOA commercial sound products, ClearOne Audioconferencing system, and Shure table-mounted microphones.



Conference Room



Integrated Functionality

Presentations with a dedicated network PC, Multiple Laptop inputs, DVD and VCR is made possible with the Boardroom's fully-integrated audiovisual system. The custom control system enables end-user operation at every level of technical knowledge. Below is an example of a rack system which is custom fabricated to fit into the credenza. The rack system slides out and turns on frame rails if rear access is necessary.

System Components

- ◆ Proxima 4,000 ANSI Lumen Projector
- ◆ DaLite 100" Motorized Projection Screen
- ◆ Custom Extron Control System
- ◆ TOA Commercial Audio System
- ◆ Denon Professional Series DVD Player
- ◆ JVC Professional S-VHS Player/Recorder
- ◆ Extron System Switcher and Interfacing
- ◆ Surgex Power Surge Protection





Project Profile

*St. Gabriel
Roman Catholic Church*

Project Location:
Marlboro, NJ.

When St. Gabriel Roman Catholic Church expanded their Parish Center, located in Marlboro, New Jersey, they were challenged with a major re-construction which included the integration of presentation technology. Project coordination and timelines were a critical element of the overall project.

The Challenge

Design a conference room audiovisual system which offers a high level of functionality for every day meetings.

Design and integrate a television broadcast system for 30 Classrooms which has the capabilities of displaying Computer, VCR, DVD and SAT signals.

The Solution

The conference room was designed for presentations including an Avectus integrated custom control systems which automates functions with an easy-to-use graphical user interface.

Each of the 30 classrooms received a television which centrally communicates with a broadcast system for Computer, VCR, DVD and SAT presentations.

Avectus is a leading provider of integrated presentation solutions. For more information about Avectus products and services, visit our website at www.avectus.com and all of the products and services mentioned herein are trademarks of Avectus LLC.

Companies and product names mentioned are used for identification purposes only and may be trademarks of their respective companies.



24 Cokesbury Road, Lebanon, NJ. 08833

P (908) 236-0030 **F** (908) 236-0060

W www.avectus.com **E** sales@avectus.com



System Components

- ◆ Dual Fujitsu 42" Plasma Display Panels
- ◆ Proxima 4,500 Lumen LCD Projector
- ◆ DaLite Motorized Projection Screen
- ◆ Custom Crestron Control System
- ◆ Denon Professional Series DVD Player
- ◆ JVC Professional S-VHS Player/Recorder
- ◆ Extron Matrix Switcher and Interfacing
- ◆ Surgex Power Surge Protection

System Design

The Conference Room was designed for general everyday meetings and presentations. Dual custom mounted Plasma Panels, and the 4,500 Lumen LCD Projector offer high-quality video performance while maintaining a clean appearance. The presenter has the capabilities to display images from the resident rack-mounted Computer, Multiple Laptop inputs, DVD, VCR and SAT.



Presenter's Station

The Presenter's Station is a secure area to house all of the system components. This includes Crestron's control system processor along with Color-Touch Panel which automates the audiovisual components making operation of the system effortless.

All controls are integrated into a single seamless Graphical User Interface.



System Components

- ◆ NEC 42" Plasma Display Panel
- ◆ 30 Philips Institutional TVs
- ◆ PICO Macom Pro Modulator
- ◆ Denon Professional Series DVD Player
- ◆ JVC Professional S-VHS Player/Recorder
- ◆ Extron Switching and Interfacing
- ◆ Surgex and APC Power Surge Protection

System Design

The Television Broadcast System was designed to display Computer, VCR, DVD and SAT signals throughout 30 classrooms for educational broadcast presentations. The Philips Institutional Television Broadcast software offers independent control and display functionality from a centralized control station.



Broadcast Displays

The NEC Plasma Panel is a broadcast component and utilized as an electronic sign for posting messages and displaying broadcast signals.

The Philips Institutional Televisions are mounted in each of the 30 classrooms to display broadcast signals.