

# Media Technology



**Strategic Planning** – Determination of client expectations and operational parameters designed to provide the foundation for a strategic plan and development of standards for voice/data and audio-visual performance based on available technology and client objectives.

**Schematic Planning** – Provision of a schematic plan for the project that addresses three key elements: the architectural design of the space; the selection of appropriate and adequate technology; and operational variables.

**Facility Design** – Design of space to ensure such benefits as proper sight lines for viewing audiences; environmental comfort for room occupants; functional operation of the AV/Com systems; and seamless integration into the aesthetics of the facility.

**Systems Design** – Integration of media technology systems to provide state-of-the-art performance within budgetary restrictions.

- **Audio-Visual Projection and Graphic Display**
- **Environmental and Lighting control**
- **Cable, Coaxial, Baseband and RF Distribution**
- **General, Emergency and Automated paging**
- **Intercom Systems**
- **Multimedia and Distribution**
- **Telecommunications**
- **Voice/Data, LAN and WAN**
- **Web-based E-learning**
- **Structured Wiring**
- **Media Retrieval**
- **Video Teleconferencing**
- **Audio-Video Pre-Production, Production and Post-Production**

**Operational Design** – Development of operating plans, procedures and instructions as well as care/maintenance guidelines to maximize the client's media technology investment.

**Engineering Documentation** – Preparation of detailed equipment schedules, specifications and installation instructions for media technology systems needed by the design team to complete construction plans for the facility.

**Bid Process Management** – Preparation of detailed bid specifications, design drawings and equipment schedules for the required systems, equipment and installation services to permit solicitation of bid proposals from qualified contractors.

**Construction Monitoring** – Provision of on-site inspection services to ensure proper installation. The range of services includes: periodic site inspections and meetings; ongoing engineering support; management of change orders; final acceptance inspection; acceptance testing; preparation of punch list and verification survey; review of contractor as-built drawings and manuals; and assistance in final project close-out activities.

**Post-Construction Support** – Evaluation of system performance at regularly scheduled intervals to ensure optimal effectiveness in system utilization.

**Training** – Familiarization of the client's personnel with the operational features and care/use/maintenance of the equipment according to the manufacturers' guidelines.

