

AV + IT + ACOUSTICS
THE SEXTANT GROUP, INC.
The Convergence Consultants



- ◆ National consulting, planning & design firm
- ◆ Independent, full-service supplier of design & specifications
- ◆ Experts in audiovisual, IT and acoustic technology

AUDIOVISUAL DESIGN & SPECIFICATION

- ◆ Training & Educational Facilities
- ◆ Multimedia Classrooms
- ◆ Videoconference Rooms
- ◆ Distance Learning Facilities
- ◆ Performing Arts Facilities
- ◆ Libraries
- ◆ Sports Venues
- ◆ Research Labs & Visualization
- ◆ Special Purpose Display, Video Walls, Holographic & Virtual Reality

ACOUSTICS

- ◆ Architectural Acoustic Design
 - ◆ Classrooms & Lecture Halls
 - ◆ Courthouses & Chambers
 - ◆ Auditoriums & Theatres
 - ◆ Multimedia Production Studios
- ◆ Noise & Vibration Control
 - ◆ Environmental Noise
 - ◆ Vibration
 - ◆ Sound Transmission & Privacy
 - ◆ Background Noise
 - ◆ Mechanical Equipment
 - ◆ Occupational Noise

INFORMATION TECHNOLOGY

- ◆ Voice, Data & Video Infrastructure
- ◆ Telecommunications
- ◆ Security & Surveillance
- ◆ Structured Cabling Systems
- ◆ Network Planning & Design
- ◆ Data Center Planning & Design
- ◆ Streaming Media
- ◆ Wired & Wireless Internet Access
- ◆ Digital Libraries
- ◆ Information "Commons"

STRATEGIC PLANNING

- ◆ Technology Master Plans
- ◆ Program & Budget Development
- ◆ Feasibility Studies
- ◆ Project Management
- ◆ End User Training

Specializing in the creation of institutional & corporate space demanding a high degree of technology.

Supporting architects & engineers with demonstrated expertise in both facilities renovation and new design.

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Drawing on decades of experience in audio, video, networking, and communications technologies, The Sextant Group integrates communication systems and learning spaces that support the present – and future – needs of institutions both public and private.



- ✦ **The State of California creates a world-class institute for the study of telecommunications and information technology.**

The California Institute for Telecommunications & Information Technologies at the University of California, San Diego [CAL-(IT)²] features state-of-the-art collaborative research laboratories, immersive virtual reality conference rooms, clean rooms and the Center for Research & Computing (CRCA) with specialized laboratories and theatres to explore new applications of technology in music, art, theatre and dance. CAL-(IT)² was specifically designed to facilitate research and wireless network technologies.

- ✦ **A medical software developer envisions a corporate headquarters that must be built today and still accommodate yet-to-be-envisioned technologies.**

The new corporate campus for Epic Systems, Madison WI is designed with sufficient capacity for network switching and transport technology, high-volume telecommunication and display systems, wide-reaching wireless applications, instantaneous video capture & distribution capability and specialty access security control and surveillance systems, all expanding seamlessly into the full build-out of 5000 employees in 20 buildings by project's end.

- ✦ **California's oldest institution of higher learning looks to construct the Library of the 21st Century.**

Santa Clara University, Santa Clara CA, located in the heart of the Silicon Valley, realizes that the campus of the future requires a new approach to the management of resources and technologies. The "Library of the 21st Century" creates new capabilities for the university and an opportunity to restructure its organization to take advantage of synergies between telecommunications, data communications and media communications. The new library features a 3-story automated retrieval system with capacity of 900,000 volumes, changing what was once a silent library into a dynamic center of collaboration, group interaction and idea exchange.

- ✦ **A Federal courthouse both renovates and expands into a structure filling one city block, facing a myriad of acoustical challenges.**

The Erie Federal Courthouse Complex, Erie PA simultaneously renovates existing historic facilities while constructing a new dramatic addition. Working jointly with two separate architect firms, The Sextant Group develops solutions that not only deliver acoustical results consistent with stringent federal regulations across both portions of the projects, but also works within multiple design schemes without compromising historic aesthetics. These solutions ultimately prove functional and durable, even in prisoner-environments.

- ✦ **The State of Ohio creates an office building positioned to exploit all the advantages of convergent technology.**

The Ohio Public Employees Retirement System reinvents the 13-story OPERS tower with the digital future in mind. Large public assemblies and press briefings in the executive boardroom are easily accommodated through strategically-placed plasma-display and projection devices. Throughout technology-enhanced conference areas, training facilities and multi-purpose rooms, communication hardware is intentionally unobtrusive until called into service, freeing space and increasing flexibility. A visually-intensive trading room benefits from massive display capabilities to manage information flow in the administration of public funds. Phase 2 includes streaming media capabilities, instantly creating statewide communication and training efficiencies.

The Sextant Group qualifies as a small business as defined by the Federal Small Business Administration

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