

The Power of **1ONE** Audio Visual



Photograph by Preston Keller

SIGNET's team of engineers, designers, and installation specialists are experienced in planning, executing, and installing the simplest to the most complex audio visual solutions.

Our goal is to provide cost-effective solutions with close coordination throughout the planning, installation, testing, and acceptance phases of each project.

Upfront planning for audio visual systems can drastically reduce infrastructure costs, ensuring that the needs of the client are met, at a budget they can afford.

Our staff of audio visual professionals include Certified Technology Specialists (CTS)[®], Certified Technology Designers (CTS-D)[®], and Certified Technology Installers (CTS-I)[®], as well as a team that is factory-certified on a wide range of products.



All custom audio visual control systems assembled by SIGNET are programmed and tested in our 10,000 square foot testing laboratory, which is also used to demonstrate system operation and train our valued clients before the systems are released to the field.

Comprehensive Audio Visual Design & Integration

We provide site inspections, user needs analysis, CAD drawings, network consulting, and infrastructure design. We represent all major AV equipment manufacturers and will select the components for your system based on quality, functionality, and appropriateness to your needs. Our installers are trained in the latest AV technologies and our state-of-the-art technology lab ensures that all rack-based systems are fully-tested and functioning before installation.

AV Installation

Includes shop fabrication, infrastructure preparation, equipment installation, testing, and commissioning.

Control System Programming

Our focus is on ease-of-use, and our programming services include user needs analysis, touch panel design, shop and field testing, and on-site commissioning.

User Training

Includes training of your technical service staff and end-users.

Service

Preventive maintenance to your digital communication equipment often catches problems before they occur, saving you embarrassing and costly disruptions at critical times. Our service plans protect our clients' investments by providing them with the hardware and software support and training suited to your company's exclusive needs and circumstances. We ensure the maximum return on your investment while minimizing your total cost of ownership.

Services offered include:

- We service almost any brand of audio, video, control, and video conferencing equipment, regardless of installation vendor.





Products

SIGNET offers best-in-class products and service and believes in continuing education to stay on the cutting edge of the latest technology. This ensures our clients receive the latest information to make informed decisions about their design.

www.crestron.com



www.extron.com



www.samsung.com



www.jbl.com



www.trms.com



tightrope media systems

www.biamp.com



The SIGNET team has been a real pleasure to work with. They have been highly responsive to our needs and focused on making sure that our complex installation has exceeded our expectations. – Ian Lester, Lead Information Technologist, College of Pharmacy.

Case Study

University of Rhode Island - College of Pharmacy
Kingstown, Rhode Island



Challenge

In 2009, the University of Rhode Island set out to replace their aging College of Pharmacy building, built in 1964 with a new, state-of-the-art \$75 million complex. The new complex would house the growing 700+ students and faculty while providing hi-tech classrooms, lecture halls and laboratories to pave the way "in training a new generation of pharmacists, growing the state's research capacity, and generating groundbreaking discoveries," said Governor Donald L. Carcieri.

A top challenge for today's architects and consultants is future proofing the design of a new building, especially one with a large requirement for highly sophisticated Audio-Visual technical classrooms, not only used for internal, but also external collaboration. Per the University's request, revisions in the scope of work and design changes were necessary. This would require not only a knowledgeable and flexible Integration Contractor, but also one that could both assist in the engineering and deploy the cutting edge technology required to future proof the new classrooms for years to come.

Solution

Working closely with General Contractor, Suffolk Construction, and side by side with College of Pharmacy's Lead Information Technologist, Ian Lester, SIGNET successfully assisted in the redesign and implementation of the challenging \$1 million dollar Integrated Audio Visual and Technology System project.

The initial AV designs included aging technologies both in the way of displays, sources and controls for the 10+ hi-tech classrooms, lecture hall, and lobby displays. Through two design updates, in less than 6 months, each classroom was updated to include the latest technology from Crestron, Cisco, Polycom, Epson, NEC and LG.

To meet the requirements in many of the classrooms, SIGNET deployed Crestron Digital Media Presentation Systems integrated with Cisco Video Conferencing Systems, including two HD PTZ cameras and Polycom digital sound processors. Most rooms included an HD Epson projector or multiple 65" LG LED LCD displays. The pinnacle of the rooms, the hi-tech lecture hall, included two projection screens, an LG LED LCD display, three HD projectors from Sony and Epson. Adding to the complication of the installation, the Epson projectors required a sophisticated mounting solution to support 3-D imaging similar to today's hi-end movie theaters. The lecture hall also included a Cisco video conferencing system and over 20 hanging microphones for full classroom interaction. Wrapping up the successfully deployed systems, guests are greeted by a Sharp 80" LED interactive display in the lobby entrance.

Part of being a successful Systems Integrator is not only providing the project installation with accuracy and on-time completion, but also providing successful service when and if equipment fails. SIGNET is proud to offer a comprehensive Service Department to handle all post-project service needs.

"SIGNET has provided excellent after installation support, rapidly rectifying any issues that have arisen." - Ian Lester, Lead Information Technologist, College of Pharmacy

SIGNET Electronic Systems, Inc. is proud to offer a full range of professional services including Design, Engineering, Installation, and Service for all of your low voltage system needs in not only AV, but also Security, Tel-Com, Fire Alarm, and Nurse Call.

