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SYSTEMS CONTRACTOR NEWS

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36 | MORPHING CONTROL

There's little doubt that the proliferation of wireless handheld devices, including Apple's iPhone and iPad, Android OS-based phones, and RIM's BlackBerry, has had an impact on touchpanel developers. It's something of a two-way street—not only have control system manufacturers started to make available various applications for third party wireless devices, but the operational simplicity of the typical handheld is also affecting the way that interfaces are laid out and the way that users expect to interact with these apps. *by Steve Harvey*

44 | ADDING VARIABLES

This is not your old high school auditorium where a lone onstage microphone sent out screeches and squeaks and no intelligible speech could be discerned in the far reaches of the back rows. Electro-acoustic enhancement, loudspeaker technology, and the push for rooms that can accommodate multimedia programming have significantly altered the auditorium landscape. *by Karen Mitchell*

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AVI-SPL president Stephenie Scanlon retired in September, but she plans to remain with the company as a consultant for special projects and initiatives.

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The international marketing and communications manager at projectiondesign sees the installed AV business sector as one founded on expertise, which perfectly suits the specialty projector products designed and built by the Fredrikstad, Norway-based company. *by Kirsten Nelson*

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Early in his career at a couple of AV integration companies, Robert Fleischacker found that while the work was interesting, figuring out how to best help the client was even more fulfilling. *by Mary Bakija*

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An innovative partnering of Mitsubishi Digital Electronics American and touchscreen designer/manufacturer CyberTouch has resulted in the installation of 22 32-inch Mitsubishi LDT322v flat screen monitors at the University of Central Florida's new College of Medicine in Orlando, FL. *by Karen Mitchell*

TECHNOLOGY

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As aspect ratios grow wider and projected images take on new shapes, the integration of large-venue projectors into commercial venues, corporate boardrooms, educational facilities, houses of worship, and other environments is becoming a more frequent, and demanding, task. *by Christopher Walsh*

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Check out some of the new technology that will be on hand at the convention taking place in San Francisco, CA in early November.

VIEWPOINT

90 Killer App

Imagine a room where the information available in the room is more static, informative, and tailored for the content of your meeting. Can such a conference space exist now that we are in an age of apps? *by Paul Chavez*

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Custom-designed Mitsubishi monitors are integrated with CyberTouch Resistive Touch Screens. They hang over dissection tables, and the professor, whose terminal is linked to digital cameras, can record dissection and disseminate the information to other lab computers or to various lecture halls.

LABS OF LIGHT

The University Of Central Florida's College Of Medicine Gets Interactive

by Karen Mitchell

ORLANDO, FL—Should you choose to donate your body to medical research at the University of Central Florida's new College of Medicine in Orlando, FL, you will be letting in the light of the sun as well as the light of knowledge. Unlike some older institutions with anatomy labs in sequestered spots, UCF's lab, in a school built from the ground up, is located on the top and fourth floor of the modern facility, which is replete with glass.

In addition to its high visibility locale, the lab is unique in its approach to video technology. An innovative partnering of Mitsubishi Digital Electronics American and touchscreen designer/manufacture CyberTouch has resulted in the installation of 22 32-inch Mitsubishi

LDT322v flat screen monitors. The custom-designed Mitsubishi monitors are integrated with CyberTouch Resistive Touch Screens.

The monitors hang over dissection tables. The professor, whose terminal is linked to digital cameras, can record dissection and disseminate the information to other lab computers or to various lecture halls.

Mitsubishi built and shipped the monitors to CyberTouch for integration of the touch-sensitive surfaces, said Mitsubishi regional account manager Brian Emerson. "Ron Knappenberger, UCF College of Medicine assistant director of educational technology, came to us with the design idea. Jessica Abrante of Xerox Audio Visual Solutions introduced us to CyberTouch president Abraham

Gohari. Xerox Audio Video Solutions played the role of consultant and brought the products together, and the college did the installation with its own staff."

In addition to these monitors, the medical school is using 40 Mitsubishi 52-inch reference monitors throughout the building. They also have a new Mitsubishi WD8200U projector—a wide XGA 6500 lumen dual lamp LCD projector—eight of which are in large lecture halls.

"The client has since purchased several 52-inch displays with the same CyberTouch touchscreen device to install as a way-finder," Emerson said. "We understand that the new medical college at UCF is a reference site that will be viewed as a model for other universities and medical

schools, to see UCF's systems and technology and get recommendations for their own schools, and I hope potential clients approach us for input. We can certainly recommend integrators in their areas."

When UCF first looked for anatomy lab touchpanel monitors, Don Marshall, the Tampa-based general manager of Xerox Audio Visual Solutions, North Florida, knew the client needed something different. Xerox owns a bid with UCF.

"Typically, these labs are located in a basement, but here, there is glass everywhere, and all this light is not conducive to great video reproduction," Marshall said. "But Mitsubishi is one of the best at brightness. Their reproduction of the color white has always set them apart in the industry and leads to one of the most natural pictures on the market."

The pairing of Mitsubishi and CyberTouch is unusual, he said. "I haven't seen two companies from basically different industries come together from out of the blue, but the need was there. The system had to be rugged because the students are cutting into cadavers, a task which called for accuracy and dependability." ■