

2010-01-18 16:35 CET

Mitsubishi Electric to demonstrate interactive display wall at ISE 2010

Mitsubishi Electric will demonstrate a revolutionary new multi-touch (MT) interface for its Seventy Series DLP™ cubes at ISE 2010. The new interface transforms a standard multi-window display wall into a stunning interactive workspace that can be used by several users simultaneously. Revealed to the public for the first time last week in Sweden, the system has already aroused considerable interest from both the digital signage and command and control sectors.

The unique multi-touch technology, developed jointly in Sweden by Mitsubishi Electric and i3 Sense, uses laser sensors instead of the more usual infra-red (IR) detectors or capacitive touch overlays. As well as offering greater accuracy and responsiveness, the new system is much less susceptible to interference from sources of IR radiation such as sunlight. The technology makes it possible to create reliable multi-touch, multi-user interfaces in normally-lit environments such as control rooms, shop windows or other public areas.

Mitsubishi has developed a multi-touch option for its Seventy Series DLP cubes that enables the entire display wall to become a single multi-touch interface. Multiple users can interact with the display at the same time, with the software tracking the hand movements of each user from one cube to the next completely seamlessly. Users can change size, orientation and position of any window by simply “grabbing” it or “dragging” the corners to the desired position. The ease with which users can work together and manage multiple sources offers exciting possibilities in applications such as command and control.

Daniel Quitzau of Mitsubishi Electric Sweden commented, “The Multi-Touch

option creates a completely new class of user interface called a Natural User Interface (NUI). The strength of NUIs is that they are completely intuitive: The technology removes the need for the operator to have specialist training or to be aware of how the data is being managed – configuring a display really does become as simple and as intuitive as arranging paper on your desk.

“Users are becoming much more familiar with touch interfaces through products like the iPhone™. Windows 7™ ships with native support for multi-touch applications and so it’s likely that we will see rapid growth in the use of multi-touch applications over the next few years. With this technology option now available in our control room displays, Mitsubishi Electric is very much at the forefront of this technology.”

Mitsubishi Electric’s Seventy Series cubes are available in 50”, 60”, 67” and 80” screen sizes in both 1024 x 768 pixel and 1400 x 1050 pixel resolutions. All Seventy Series cubes can now be supplied with the i3 Sense MT option. It is also possible for the system to be retrofitted into existing installations. Seventy Series products have built-in processing and interchangeable input cards to enable sophisticated multi-input display walls to be created without an external processor. For more ambitious projects, Mitsubishi’s VC-X3000 image processor and D-Wall software suite can be used to create powerful turnkey control room solutions.

Mitsubishi Electric’s MT-equipped cubes will be demonstrated at ISE 2010, along with the full range of Seventy Series cubes and LCD display walls, including a brand-new LED-lit DLP™ cube to be seen for the first time in Europe.

For more information

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Huvudkontoret ligger i Stockholm med säljkontor i Göteborg och Lund. I Norden har företaget varit verksamma i mer än 30 år och har över 60 personer anställda.

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