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## **Mitsubishi launches new option for control room display**

Mitsubishi Electric will launch a new range of control room displays at ISE 2015, designed to bridge the gap between high-specification DLP cubes and tiled LCD

High-end Command & Control applications have traditionally relied on DLP™ cube displays as the preferred imaging technology due to their seamless nature and their ability to function 24/7 with no degradation of display performance. In many applications, such as Transportation, Telecoms and SCADA which rely heavily on static graphics, the ability to operate continuously and the precise alignment of displays with no visible gaps are essential requirements. In such cases, despite the cost, DLP is the only practical solution.

Other applications such as Traffic Monitoring or CCTV are less demanding, and in these kinds of applications, lower cost tiled LCD displays are an increasingly popular option. However the visible bezel between individual displays and difficulty in displaying static graphics for long periods makes LCD a less-than ideal solution in many cases. Until now, the significant price step between LCD and DLP has polarised the market into choosing one solution over the other. However with the launch of its 120 Series cubes at ISE 2015, Mitsubishi Electric is offering a new alternative for medium specification Command & Control applications.

The new 120 Series DLP cubes are based around Mitsubishi Electric's unique air-cooled LED projection technology and uses the same basic design as its high-end Seventy Series cubes. The 60" and 70" Full HD displays are designed for true 24 hour, 365 day operation, and include Mitsubishi Electric's proprietary digital graduation and colour space control technologies. Both are available as rear access and front access models. The LED light source has an average lifespan of up to 100,000 hours, and requires little to no maintenance ensuring minimal operating costs. The screen-to-screen gap can be as low as 0.2mm and offers a huge improvement in display quality compared to LCD. Being based on DLP technology means that static graphics can be displayed 24/7 without concerns about image sticking. Up to 760 cd/m<sup>2</sup> brightness and 1500:1 contrast ratio ensure excellent image quality in normal ambient lighting conditions. 120 Series cubes accept DVI inputs and offer OPS slots for added versatility.

Alongside the new 120 Series displays, Mitsubishi Electric's presence at ISE 2015 will also feature Mitsubishi's flagship display wall cube system, the Seventy Series, in the shape of 72" WUXGA VS-72WE cubes featuring its recently upgraded 78 Series LED projection engines. Another new product, the "slim line" VS-60HS12U DLP cube will also be on show. Its tiled LCD control room display options will be represented by the 55" LM55P1 and LM55S1 models. Other innovative products on show include Mitsubishi's LED replacement cube engine, which allows existing customers to replace conventionally-lit display walls with the latest LED technology for improved performance and dramatically reduced cost of ownership.



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