MultiTaction Cell displays create world’s biggest multi-touch wall

MultiTouch Ltd, developer of the world’s first modular multi-touch LCD screen for large-scale displays, today announced that its ground-breaking MultiTaction Cell displays have been used in the construction of the world’s largest multi-touch interactive wall. The wall, which comprises 24x 55” MultiTaction Cells, was built by UK-based Engage Production Ltd for a renowned global company providing advice on business advancement, and forms part of a fully integrated and unique communications facility.

The City of London-based client commissioned an ‘Executive Brand Suite’ that would enable communications through an array of state-of-the-art equipment, and showcase the rapid speed at which the consumer is changing as a result of the lightning-fast rate of technological development. The multi-touch wall is at the heart of this innovative build and at a whopping 9.9m x 2.1m - 3m high including the base - the sheer scale of the finished product is nothing short of breathtaking.

MultiTaction technology is the only multitouch product available that satisfied the requirements of the client. Engage looked at six competing technologies, but only MultiTaction was suitable, satisfying requirements of space, budget and delivery. As well as the ‘stackability’ required for such a large installation, they demanded fast response times (MultiTaction tracks at 200 frames per second), multiple - unlimited - users and market-leading tracking features.

In addition, the wall needed to run smoothly with the bespoke applications that were written for it - and MultiTouch’s Cornerstone SDK allows for ultra-smooth, high-resolution rendering with a native panel resolution of approximately 50 megapixels.

“At MultiTouch, we constantly endeavour to make our devices the best they can possibly be,” explains Petri Martikainen, CEO of MultiTouch. “I firmly believe that MultiTaction offers the ultimate in multi-touch technology and it is a privilege to see our products used on such a huge scale in what must be not only the world’s biggest but also the world’s most technologically advanced multi-touch wall.”

The Executive Brand Suite facility was the brainchild of Engage Production Ltd, leading supplier and integrator of cutting-edge technologies, and Europe’s foremost MultiTaction reseller, developer and integrating partner. Tasked with creating some of the most technologically advanced solutions currently available, Engage was eager to make the multi-touch wall central to the design of the facility.

“We know the importance our client places on delivering crucial and relevant presentations in an entertaining and engaging way,” explains Steve Blyth, director of Engage Production Ltd. “The installation of such a huge videowall as a central feature not only reflects that ethos but also creates an unforgettable visual impact.”

Though comprising 24x 55” displays, the wall functions as one unit whilst interacting
with external tablet devices. It plays a central role in the delivery of the client’s services, delivering high quality interactive presentations. The wall features an ultra-fast gesture tracking rate of 200 frames per second, high brightness and can operate in variable lighting conditions. Unlike similar devices, MultiTaction Cells can track multiple concurrent interaction methods including hands, optical markers and real life objects. The recent addition of MultiTaction IR pen software, allows common infrared pens to be used as an additional input method.

MultiTaction Cell technology, recently shortlisted for Interactive Presentation Product of the Year 2012 by AV Magazine, is based on MultiTouch’s patented optical imaging technology, Computer Vision Through Screen (CVTS). Providing the world’s most advanced set of touch, gesture, and object recognition capabilities, they are full HD displays which can accommodate unlimited numbers of touch points and an unlimited number of concurrent users with full hand recognition.

Please click here http://youtu.be/ZwVtfV7Y9yU for a demonstration video of the 24x55” MultiTaction wall.

RELEASE ENDS

If you would like to see the IR pen feature in action, please take a look at our video here: www.youtube.com/watch?v=Ybrqr3ySZjg&feature=plcp

For further information about MultiTouch, please visit www.multitouch.fi and www.multitaction.com, as well as the MultiTouch YouTube channel at youtube.com/multitouchfi, and twitter.com/multitouchfi for further updates.

MultiTouch Ltd PR: Bigger Boat PR | rob@biggerboatpr.com | +44 7986 113 722

About MultiTouch Ltd.
MultiTouch is a leading developer of interactive display systems, based on proprietary software and hardware designs. The company is headquartered in Helsinki, Finland, with U.S. offices in Silicon Valley, California and New York City and an office in Singapore. The company’s systems are currently in use in more than 50 countries around the globe.

For more information, please visit www.multitouch.fi.

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