

World's Largest Multi-Touch Interactive Wall

Written by Bob Snyder
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They're calling it "**the world's largest multi-touch interactive wall.**" Built from 24 of the 55" MultiTouch MultiTaction Cells, the wall serves as the heart of a unique communications facility at a global corporation in London who provides advice on business advancement.

The multi-touch wall is the feature of an innovative build and at a whopping 9.9m x 2.1m – 3m high including the base – the sheer scale accomplishes the mission set by this City of London-based client. They 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 wall is a perfect symbol of that change as well as a vehicle to communicate the change.

The Executive Brand Suite facility was the brainchild of **Engage Production Ltd**, a MultiTaction reseller, developer and integrating partner.

"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."

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Although 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 a gesture tracking rate of 200 frames per second, high brightness, and can operate in variable lighting conditions. Unlike many 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.

Engage looked at six competing technologies, but only MultiTaction satisfied requirements of space, budget and delivery. As well as the "stackability" required for such a large installation, they demanded fast response times (remember those MultiTaction tracks at 200 frames per second?), multiple (even unlimited!) users and other state-of-the-art touch & 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.

Watch [The Demo Video of the 24x 55" MultiTaction Wall](#)

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