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Intelsat chooses NEC Display for the NOC that centralizes operations

This operations center has been designed with a large video wall of 3 × 24, composed of 72 55-inch NEC X555UNV and the Hiperwall software screens.



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Intelsat (<http://www.intelsat.com/>) (International Telecommunications Satellite Organization) It offers innovative connectivity solutions for relaying information all over the world. The company provides services of broadband and high-quality video anywhere in the world with a network that combines the backbone satellite network the world's largest with a terrestrial infrastructure, managed services, and an open and interoperable architecture.

To streamline operations and improve customer service, Intelsat decided to combine its four centers of operations under a same network (Network Operations Center Operations Center), but that meant implementing a technology solution that is robust enough to support four previously separate departments and a lot of operational services.



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Intelsat grows also increase online services. The NOC includes multiple functions in the same room to identify and create synergies. Before the operations centres to be combined, each of them had its own videowall", says Robert Wilson, senior manager of NOC Support department of Intelsat.

The team wanted the new videowall to be a significant update of the previous configuration of the four centres of different operations that were using, but the requirements to provide effective support to the NOC were slightly different.

Intelsat had a fairly significant videowall in managed services centre until establishment of the NOC. "It had 36 screens, but they were monitors of 40 inches, and of those, 27 were used to manage managed services, which are only one aspect of the diverse portfolio of services Intelsat", adds Wilson.

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Intelsat had previously worked with Diversified (https://diversifiedus.com/) in other projects, a provider of managed networks and technological solutions, and returned to hire this company to renovate and upgrade the space that would become the new NOC. For this project in particular, Intelsat team opted to support that integrated 72 55-inch X555UNV display NEC Display Solutions (https://www.nec-display-solutions.com/p/es/es/home.xhtml) in a configuration of 3 x 24 and Hiperwall software.

The technical requirements that most attracted to Intelsat include the ultra narrow bezel of this model that helps make the videowall look like a large glass panel" Wilson as "a large glass panel". The placement of computing was another determining factor. The most significant advantage of NEC solution was the integration of OPS (Open Pluggable Specification) specification. Monitors that we chose have the ability to integrate the OPS module, which allows us to place the Hiperwall nodes inside the screen."

Intelsat chose NEC X555UNV of 55 inches in a smaller screen because its size, along with the Hiperwall software, allowed NOC teams to take better advantage of the huge video walls.

55 inch screens were larger than those used earlier as we did in other operations centres and allows us to use the Hiperwall software to manipulate the videowall in different ways." In addition, we don't need a diet determined for a specific monitor".



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