

United States Marine Corps

**How the United States Marine Corps Power its Landing Force
Operation Centers with Haivision**

Get a Free Demo

(</free-consultation/?FromSource=cobb-county-case-study>)

About the United States Marine Corps

The United States Marine Corps (USMC) is the maritime land force service branch of the United States Armed Forces responsible for conducting expeditionary and amphibious operations through combined arms, implementing its own infantry, artillery, aerial, and special operations forces.

“When we were approached to provide the Marines with improvements to their Landing Force Operations Center, we were confident that Haivision’s expeditionary video wall system was the optimal solution for their needs. Considering the small and restrictive space, our Scalable Mobile Display fit their need for a flexible and adaptable solution that would also improve operational communications to and from the operation center to Marines on active missions.”

Alex Beck, Senior Vice President,
Mission Sales, Haivision



The Challenge



Marine Expeditionary Units (MEUs) are a deployable force stationed on self-contained mobile bases equipped to tactically respond to possible threats including disasters or combat-based missions. Given their critical mission, the Marines wanted to upgrade their Landing Force Operations Center (LFOC) aboard the USS BOXER amphibious assault ship while it was at homeport, prior to its deployment.

MEUs plan, coordinate, and execute sea- and ashore-based excursions from inside the LFOC by communicating mission-critical information with Marine units aboard the ship and to those off the vessel deployed on missions.

They were leveraging standalone monitors connected to laptops to oversee operations and came to Haivision looking for a new solution to improve situational awareness during on-the-go operations.

The Marines required an on-ship mobile command center that can be easily transported on the vessel during pre-deployment while docked at homeport. However, strict spatial restrictions aboard cramped ships meant any system being brought onboard had to meet specific size and weight restrictions.

The Solution

The 15th MEU, based out of Camp Pendleton, deployed Haivision's Scalable Mobile Display (</products/portable-video-walls/>) (SMD) aboard the USS Boxer to improve real-time situation awareness between Marines outside the vessel on missions and Marines located inside the LFOC.

Haivision SMDs are deployable video wall solutions (</products/video-wall-solutions/>) designed to enhance situational awareness and improve crisis response for tactical missions. The modularity of the SMDs make them optimal for mobile operations of any scale, and the system being self-contained in hardened transport cases makes it easy to deploy it in confined spaces, such as a vessel, and then decommissioned at a later date.

Once deployed, the mounting frame of the SMDs enabled them to be installed in the LFOC despite the small space to maneuver. With the Haivision team available to provide guidance with the setup and to answer any questions, the LFOC was up and running and mission-ready before the ship went underway.



The Result

The SMDs instantly improved the ease of communication and sharing of important information between teammates aboard the vessel and units on active missions.

The success of this first deployment has led the Marines to consider additional SMDs in command centers on other large amphibious assault ship-class naval vessels.

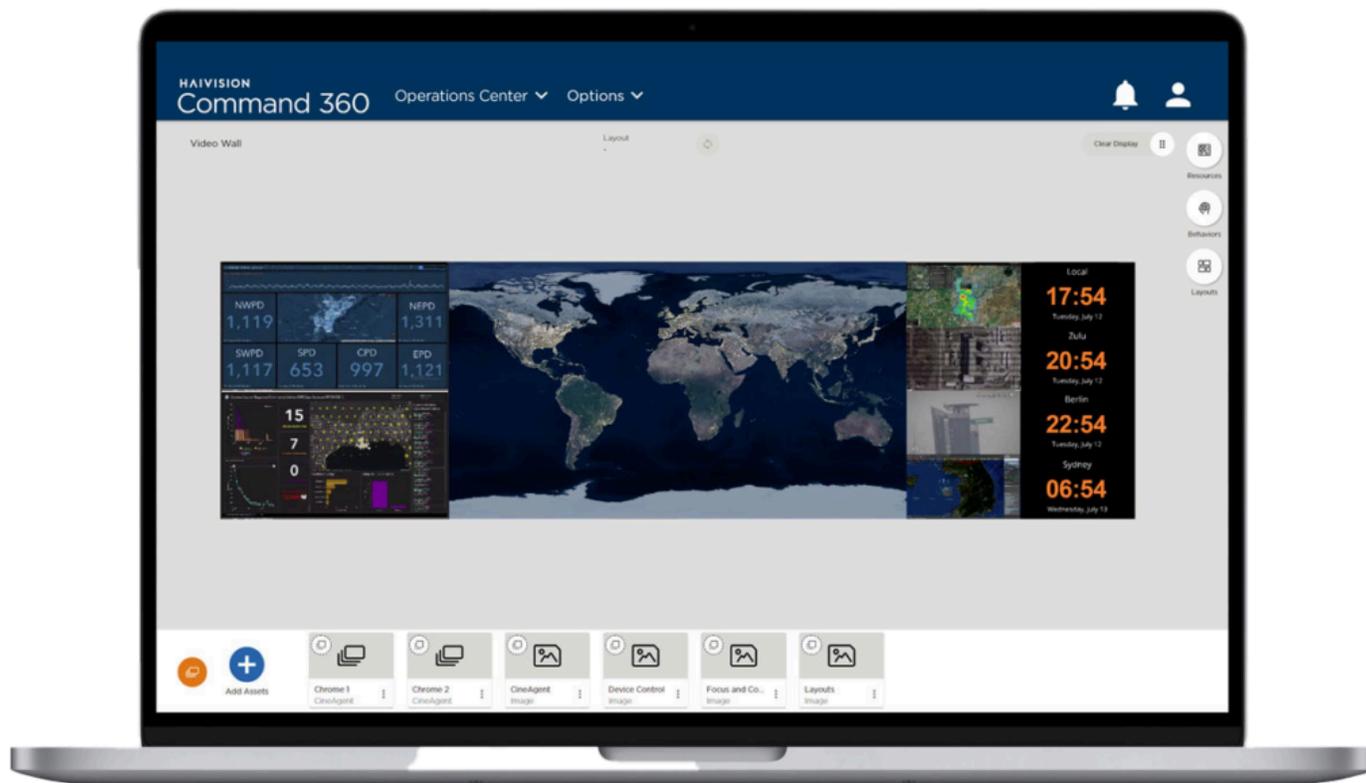
Defense organizations (/industries/defense-military/) like the Marines leverage powerful video wall solutions like Haivision Command 360 in their command and [operation centers](#) (<https://www.haivision.com/glossary/operation-centers/>) to establish real-time situational awareness and quickly respond to mission-critical situations.

Additional Reading

AI-Powered Object Detection and Real-Time ISR Video for Mission Success: Webinar Recap (<https://www.haivision.com/blog/government-video-solutions/ai-powered-object-detection-from-anywhere-webinar-recap/>)

Optimizing Tactical Operations Centers with Haivision (</blog/all/optimizing-tactical-operations-centers/>)

Products Used



(<https://www.haivision.com/products/command-360-video-wall-software/>)

Haivision Command 360

(<https://www.haivision.com/products/command->



360-video-wall-software/)

Video Wall Software

Browser-based video wall software with device control and source content management.



(<https://www.haivision.com/products/portable-video-walls/>)

Portable Video Walls

(<https://www.haivision.com/products/portable-video-walls/>)

Video Walls

Discover Haivision's portable video wall solutions, complete with built-in LCD displays, video processors, and ruggedized cases.



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