

# 16th Air Force: Using Collaborative Visualization to Focus on Cyber Terrain for Mission Success

## Challenge

The U.S. Air Force needed a secure way to collaborate on digital assets inside the control room and in real-time with teammates in another squadron across the country, while keeping security intact for the information.

## Solution

In the 561st Network Operations Squadron's Operations Center at Peterson Air Force Base, a 70-foot video wall allows operators to visually collaborate with other squadrons that have similar missions. The 561st NOS uses Activu in joint operations to defend its portion of the Department of Defense network, enhancing the U.S. government's ability to protect national security.

## Result

The collaborative control room visualization tools allow cyberspace controllers to quickly identify problems and work with their sister squadron halfway across the country, the 83rd Network Operations Squadron at Langley Air Force Base, to resolve issues before Air Force network users realize there is a problem.

Using the video wall to visually collaborate on-site provides improved mission effectiveness and enhanced situational awareness and command and control capabilities. Decision-making is improved, communication barriers are removed, and the cyber crew commander's and cyber operations controller's influence of the situation are increased and made more efficient.