



Military Aviation Missions Rely on SecureSync

Ultra-Precise Timing & Synchronization for Large Network Infrastructure

Background

A military aviation customer needed an ultra-precise, real time network timing and synchronization solution to maintain accurate system synchronization on a global basis. For use in deployable communications systems, this network solution would be used to support mission critical air, land and sea operations on a continuous basis, anywhere in the world.

Solution

The customer chose Orolia's SecureSync® network time server because it is currently deployed on many mission critical aviation networks, and it is the first Timing and Synchronization Device approved by the Defense Information Systems Agency (DISA) and listed on the Department of Defense Information Network Approved Products List (DoDIN APL) for defense network cybersecurity and interoperability. SecureSync also supports multiple military encrypted signals, offers a rugged mil-spec chassis and it is the only network time server backed by a full, five-year warranty.



This customized SecureSync system also included Orolia Defense and Security's BroadShield GPS jamming and spoofing detection software. With over 75 built-in algorithms, BroadShield rapidly identifies threats and raises an alarm to help protect military missions from the impacts of GPS compromised environments.

Result

This military aviation customer can now deliver reliable, precise mission timing and synchronization for global communications and operations, coordinating diverse, complex actions among military bases in multiple locations. With SecureSync, they can better coordinate and help protect critical air freight missions and the deployment of armed forces worldwide.

Orolia is the world leader in Resilient Timing and Synchronization for missions where failure is not an option.

Time and Location You Can Trust.™