Lockheed Martin Enhances Network Centric Warfare Capability For U.S. Strategic Command

User Defined Operational Picture Improves Shared Situational Awareness

Lockheed Martin has provided the U.S. Strategic Command (USSTRATCOM) with a network centric warfare capability that allows system users to create a collaborative, real-time picture of critical events on their computers, then simultaneously share that view with others. This innovative capability, the User-Defined Operational Picture (UDOP), shortens decision cycles by providing near real-time connectivity and computing power for warfighters.

"The UDOP underscores our commitment to net-centric capabilities that enhance situational awareness and facilitate collaborative planning for all combatant commands," said Colonel Bryan Bartels, Division Chief for Global C2 Systems Development, Joint Functional Component Global Strike and Integration, U.S. Strategic Command. "We see great opportunities to extend this capability to other communities of interest that are involved in national security operations."

The system also supports USSTRATCOM's full spectrum of responsibilities for global strike, missile defense and information operations, as well as its traditional role of nuclear deterrence by enhancing situational awareness for all combatant commands.

Developed for USSTRATCOM's net-centric Integrated Strategic Planning and Analysis Network (ISPAN), UDOP provides the ability to "see" and better understand dynamic, global situations by interfacing with DoD systems that provide cyber, air, land, sea and space-based resource information. Commanders can quickly establish a tailored operational picture on their respective workstations which can then be shared to better communicate complex situations. Before this capability was developed commanders had to view static pieces of information from various sources individually, in sequence. Operational views could not be shared in real-time.

Using data from a variety of sensors, ISPAN allows USSTRATCOM to collaboratively plan missions through an integrated, flexible command and control system. The system enables them to gather worldwide resources to plan for time-critical strikes, computer network operations, space operations and global integrated missile defense.

Headquartered in Bethesda, Md., Lockheed Martin employs about 140,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The corporation reported 2006 sales of $39.6 billion.

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