

UNITED STATES PACIFIC COMMAND (USPACOM) JOINT INTELLIGENCE CENTER PACIFIC (JICPAC)

Trusted Computer Solutions Deploys SecureOffice® Trusted Workstation™ in Support of Coalition Operations

In 1997, the United States Pacific Command's (USPACOM) Joint Intelligence Center (JICPAC) implemented the Trusted Computer Solutions (TCS) Operations/Intelligence Workstation™ (OIW) capability. The OIW provided simultaneous secure access to Microsoft® Windows® applications and Sun Microsystems Solaris™-based mission-critical applications running at different sensitivity levels, all from a single desktop. This architecture allowed JICPAC personnel to simultaneously execute applications and access resources on various Top Secret, Secret, Secret Releasable, and Top Secret Releasable networks in support of their daily missions, including Coalition Operations.

New Solution Provides Enhanced Security and Administration

In 2001, JICPAC transitioned to the new TCS SecureOffice® Trusted Workstation™ (TWS) environment. Trusted Workstation provides security and administration enhancements to the existing OIW operating environment and allows analysts to retrieve, process, and disseminate information across networks operating at different security classifications/sensitivity levels.

SecureOffice® Trusted Workstation™—Thin Client Provides Additional Security and Reduced Costs

In 2002, an effort to further increase security and lower administration and maintenance costs resulted in JICPAC's decision to transition to the new TCS Trusted Workstation—Thin Client architecture. This new and innovative concept utilizes the Sun Microsystems SunRay™ ultra-thin client. The Trusted Workstation—Thin Client system was accredited by the Defense Intelligence Agency in April 2002.

Trusted Workstation—Thin Client includes full Microsoft Windows application and network functionality; hot desking; no desktop maintenance, administration, or software upgrades; and increased desktop security. This results in a higher level of desktop information assurance, reduced total-cost-of-ownership, and increased productivity for users.

Benefits

- Eliminates need for multiple desktop workstations at differing security classification levels
- Reduces total cost of ownership through lower network hardware and infrastructure costs
 - Increases productivity while reducing administrative time and costs associated with software upgrades and patches
 - Provides simultaneous connections to multiple networks
 - Increases information assurance and security
 - Security certification and accreditation

HIGHLIGHTS

Customer

United States Pacific Command

Industry/Market

Government—United States DoD

Requirement

Multi-Domain Mission Critical
Application Access

Customer Architecture

- SecureOffice Trusted Workstation—Thin Client environment
- Sun Microsystems Trusted Solaris™ Operating Environment
- Sun Microsystems Enterprise Server™
- Sun Microsystems SunRay™ Appliance
- Citrix MetaFrame® Server
- 50+ DoD/IIIS Legacy Applications

Key Implementation Goals

- Execute Windows and Solaris applications simultaneously at multiple classification levels
- Access resources and legacy servers on multiple classified networks
- Move information between networks
- Support Coalition operations
- Ultra-thin client architecture
- Session mobility (e.g., hot desking)
- Support over 600 simultaneous users