

At a Glance

# PacStar 6800 SMEO and PacStar 6300 DVX Solutions

Saddled with many different, disparate communication systems, today's DoD is encouraging its organizations to take advantage of Network Centric Operations (NCO) to reduce costs, increase productivity, and make the armed forces more effective in times of peace and conflict. To support these initiatives, the Defense Information Systems Agency (DISA) is setting strategy to migrate away from legacy Time Division Multiplexing (TDM) switches toward an IP solution that can revolutionize communications.

## PacStar and Cisco can help.

### The PacStar-Cisco Solution

To empower DoD agencies to move from TDM to VoIP, PacStar™ and Cisco have developed a Small End Office (SMEO) that can equip facilities with VoIP while still riding the TDM backbone. This hybrid solution meets both TDM and IP requirements today as customers prepare for IP convergence in the future, and will also migrate to the Local Session Controller (LSC) architecture — an IP-Centric switch — providing customers investment protection and a clear roadmap to accomplish future mission objectives.

### Powerful Advantages

The PacStar 6800 SMEO and PacStar 6300 DVX are the only Cisco-based JITC-certified SMEO and DVX. Features include:

- Is listed on the APL, with certifications valid until August, 2012
- Provide direct connectivity to the DSN
- Support all types of C2 users
- Provide BRI for STE phones, VTC systems, or other digital devices.
- Build on existing infrastructure by VoIP-enabling facilities and buildings while on the TDM backbone
- Require less power, is lighter, and has a smaller footprint than traditional voice solutions, without sacrificing functionality

### The Solution

PacStar and Cisco have partnered to build best-of-breed products to meet JITC requirements and our federal customers' needs. The PacStar 6000 Series maximizes situational awareness and communications capabilities, while significantly reducing footprint, training, and support. The system easily scales from a small Deployable Voice Exchange (DVX) kit in the field to a full Small End Office (SMEO) base-level solution that can support tens of thousands of users at a time.

### PacStar 6800 – Small End Office (SMEO)

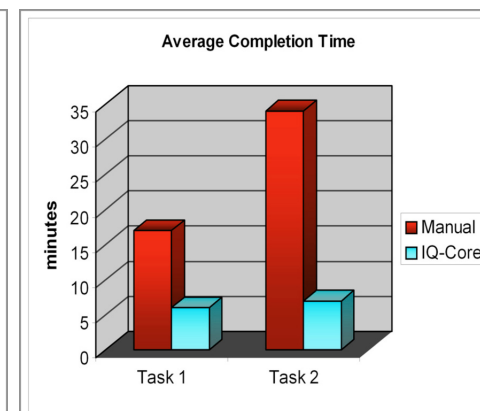
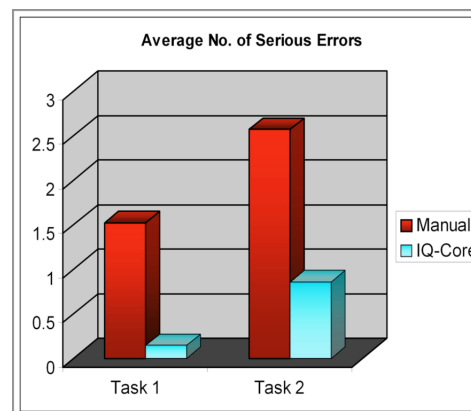
- Full-featured, IP-based, high-reliability, tandem switch and PBX
- Designed for military enterprise organizations
- Meets stringent DISA requirements to provide voice/communications services through the DSN
- Enables IP-converged services based on the Cisco UC platform
- Provides a user interface via PacStar IQ-Core Software that simplifies system management, training, and support requirements
- Reduces training and maintenance support service requirements
- Scales from small branch offices with hundreds of phones to tens of thousands of phone implementations
- Available in a standard 19-inch rack-mount form factor

## PacStar 6300 Deployable Voice Exchange (DVX)

- Enables full-featured voice, data, and video capabilities for U.S. military field deployments
- Features advanced Cisco-based UC including Cisco Unified Communications Manager in an integrated package
- Is on the APL and is JITC certified for DVX-C requirements
- Provides E1 and T1-CAS connectivity, pre-set conferencing, NFAS
- Ideal for coalition and joint deployments, facilitating deployment and connection of existing switches to DSN
- Housed in a ruggedized case meeting Military Standard 810F requirements for transportation, vibration, shock, and temperature
- IQ-Core Software onboard simplifies system management, training, and support requirements
- Supports up to 1,000 users

## PacStar IQ-Core™ Software

- Powers both the PacStar 6800 and 6300 Solutions
- Provides dashboard view of the entire system
- Step-by-step wizards replace hundreds of device screens
- Simplifies, automates, and unifies the configuration and management of diverse, complex networking and communications equipment
- Designed to be used by lightly trained personnel
- Reduces training time and usage errors and improves uptime
- Built with a Service Oriented Architecture (SOA), is IPv6 capable, and provides additional security over and above typical network management systems.
- Reduces system setup time, lessens diagnostic and troubleshooting time, and protects against misconfiguration



In 2008, tests administered by an independent usability consulting firm confirmed that PacStar IQ-Core Software and its configuration wizards enabled users to perform tasks with fewer errors, in less time, and with higher levels of confidence.

## Valuable ROI and Cost Reduction

- Enables smooth path to scale and/or upgrade
- Increases functionality with less equipment
- Simplifies operations of complex network
- Reduces training and support costs
- Protects equipment/networks from misconfiguration
- Constant monitoring, notification, and control of components and environments

## Learn More

- **General Inquiries**  
Visit [pacstar.com](http://pacstar.com) and [cisco.com/go/fedunified](http://cisco.com/go/fedunified), contact [jfinn@pacstar.com](mailto:jfinn@pacstar.com) or call 503-403-3000 to discover how the PacStar 6800 SMEO and PacStar 6300 DVX solutions can help your organization reach new levels of mission success.
- **Sales Support**  
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