

# Secure Messaging and Routing Terminal Next Generation (SMART.neXt)

*SMART.neXt – The Total Cross-Domain Solution*



More and more commands and missions, regardless of community, are selecting Northrop Grumman's SMART.neXt as their preferred cross-domain messaging solution. Bridging the gap between incompatible domains, SMART.neXt operates today in the enterprise architectures of intelligence organizations and other locations. This secure messaging solution is certified at protection level 4 (PL4) for Top Secret and Below Interoperability and is on the DoDIIS Unified Cross-Domain Management Office's approved list of cross-domain mechanisms.

### Improving Cross-Domain Messaging

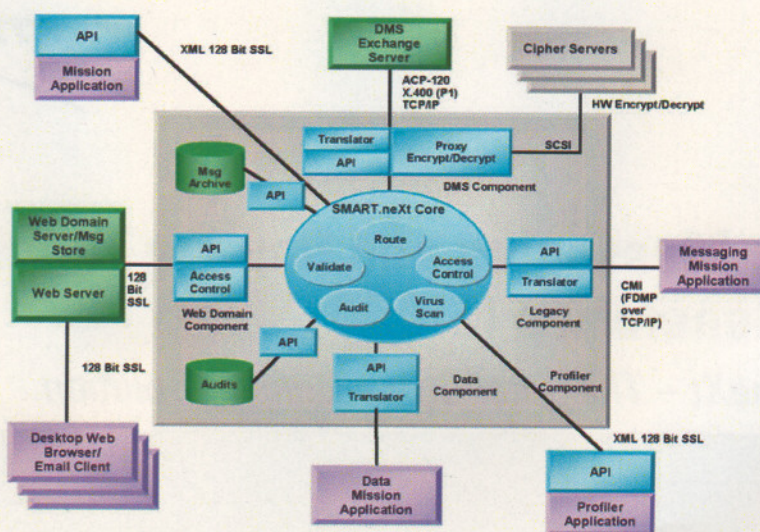
SMART.neXt provides Defense Message System (DMS) and legacy messaging on a single system, including a web mail interface. This interface uses the native SMART.neXt XML message format, including full attachment support.

### New Cross-Domain Data Transfer

SMART.neXt features a powerful data component for cross-domain exchanges of native data formats outside of message attachments. This data transfer capability includes a format builder that enables organizations to define the structure and rules of incoming data and to easily add new formats and rule-sets on-site.

### Information Sharing

Northrop Grumman is evolving SMART.neXt to support government initiatives that will replace addressing with publishing and subscribing. Information passing through SMART.neXt can be directed to the



SMART.neXt's secure messaging capabilities support defense and intelligence organizations worldwide.

profiler component, where previously unknown individuals (with need-to-know) or communities of interest can now receive published information in a timely manner, by subscription.

### SMART.neXt Interfaces

- SMART.neXt XML API: SSL over TCP/IP
- DMS: X.400
- WebMail: 128-bit SSL over TCP/IP
- Email: SMTP
- Data Transfer: web services, file-based transfer, TCP/IP, plug and play expansion
- Legacy: all legacy formats supported by CSP or SMART

### SMART.neXt components

- Core PL4 System Components: core, audit, firewall
- Optional Components: DMS, WebMail, Data, Profiler, Archive, Legacy

### Flexible Customer Solutions

The SMART.neXt family of components offers flexible acquisition and installation, based on site solution requirements. Timely, isolated changes can be made to one domain without affecting other components.

SMART.neXt's component-based architecture also allows for easy extensibility to unique domains within an organization.

For more information, please contact:

**Northrop Grumman Mission Systems**  
 3200 Samson Way  
 Bellevue, NE 68123-3197  
 (402) 682-4757/4544

[www.northropgrumman.com](http://www.northropgrumman.com)

© 2007 Northrop Grumman Defense Mission Systems, Inc.  
 All rights reserved.  
 FH2581103

Cover photo courtesy U.S. Army

**NORTHROP GRUMMAN**  
 DEFINING THE FUTURE