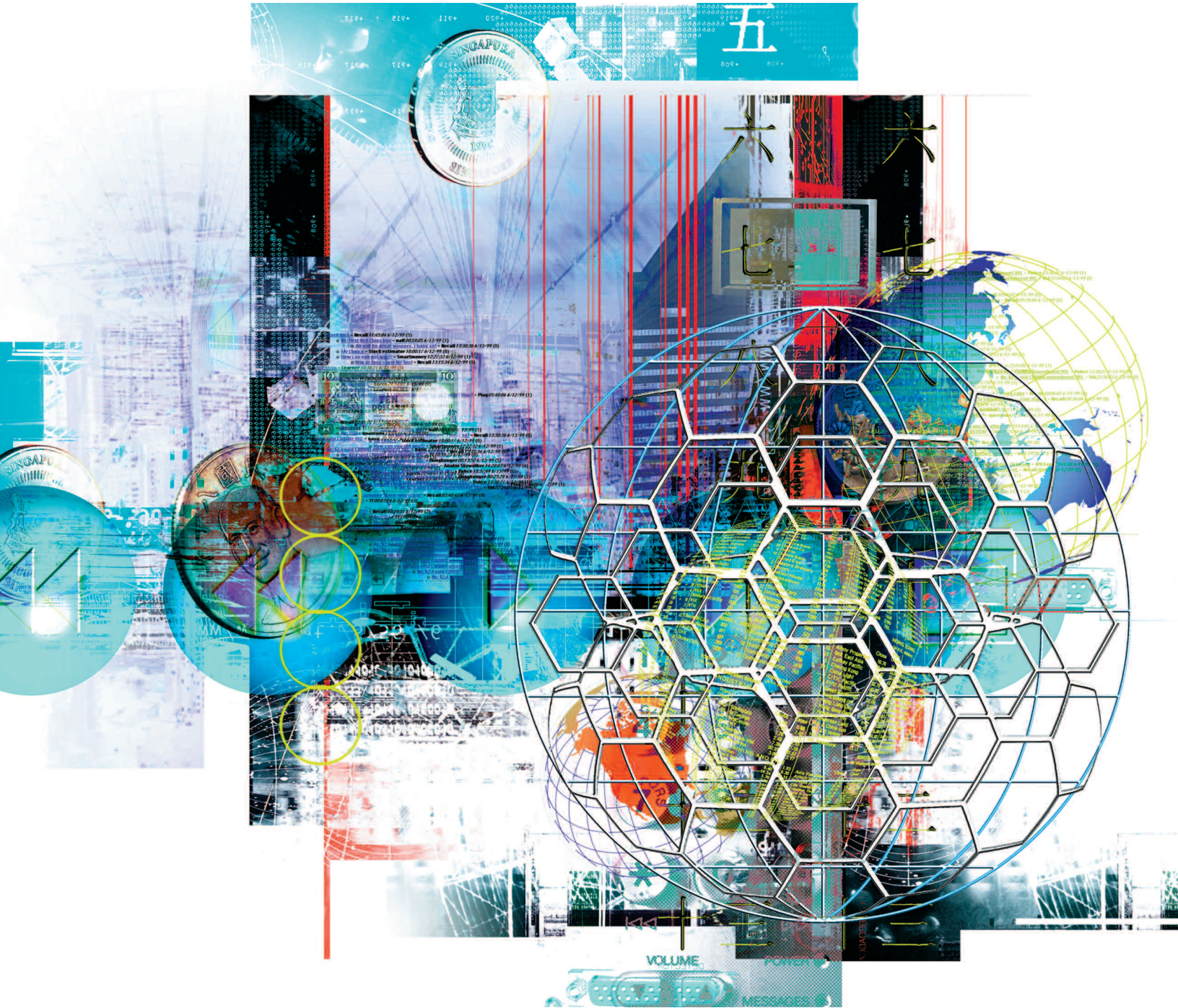


Secure Messaging and Routing Terminal (SMART)



Proven reliability, security and performance on the leading edge of secure messaging.



Secure messaging is critical to the success of defense, intelligence and other government missions. Users must be able to establish secure links rapidly at locations worldwide. To meet this need, Northrop Grumman developed the Secure Messaging and Routing Terminal (SMART).

Secure Messaging for the Road Ahead

SMART is your means to stay on the leading edge of the rapid changes taking place in secure messaging. Based on the technology used for the Communications Support Processor (CSP), SMART has proven its reliability, security and performance with nearly 300 systems deployed worldwide. This cost-effective solution allows data to be securely passed among organizations throughout headquarters, garrisons and remote locations.

SMART is Defense Information Systems Agency (DISA) certified and Defense Intelligence Agency (DIA) accredited as a secure message processing system that provides simultaneous, trusted handling of R/Y traffic. SMART serves a variety of roles for the federal government:

- A message originating and termination station
- A gateway to Defense Message System (DMS)
- A local or remote distributed network message processing system.

SMART Interoperability

Used in conjunction with CSP, SMART segregates message processing by security classification and provides access to networks such

as the Joint Worldwide Intelligence Communications System (JWICS) and the Secret Internet Protocol Router Network (SIPRNET). The system provides message-processing capabilities for fixed base, mobile and tactical communications, and can be configured as either a mounted desktop system or a small, light-weight portable system. SMART can receive its message traffic by LAN, serial link or STU-III Dial-Up.

With SMART, the classified messaging community has expanded access to local LANs, JWICS, SIPRNET, e-mail (SMART:Mail) and browser (SMART:SecureMail) resources. Users can access the full spectrum of information networks – from Top Secret to unclassified data.

DMS Connectivity – IC MFI

SMART offers far-reaching DMS connectivity. Employing a co-hosted CSP-to-DMS Addressing Component, SMART bridges legacy and DMS by providing communication via multiple networks using the X.400/X.500 DMS protocols. And with Northrop Grumman's Intelligence Community Multi-Function Interpreter (IC MFI), SMART can deliver complete messaging compatibility between the DMS and mission applications that require legacy formats. The IC MFI is a stand-alone option based on the SMART/CDAC.

For a legacy-to-DMS transaction, the IC MFI performs format conversion for DOI-103, DOI-103M, JANAP-

128, ACP-127 and ACP-127 State formats to the DMS ACP 123 format. For security, the ACP 123 message makes use of ACP 120. When a DMS-to-legacy transaction is required, the X.400 DMS messages are converted from ACP 123 to the format required by the legacy recipient. Text attachments are encapsulated into the messages for conversion into the legacy format. Binary attachments can be optionally UU encoded and included in the messages for conversion.

Global Reach, Global Security

SMART is the workhorse solution for defense, intelligence and other government missions worldwide. Offering interoperability among DMS, AUTODIN and legacy networks, SMART is making secure messaging practical and effective for a growing user base deployed around the globe. This success reflects decades of proven experience that Northrop Grumman brings to this arena. The company provides solutions that support many of the world's largest and most secure defense and intelligence networks. SMART puts this experience to work for your messaging needs.

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