

(U) ENTERPRISE IT SYSTEMS



(U) Description


(U) The Enterprise IT Systems Expenditure Center (EC) includes resources to acquire, operate, maintain, and secure the NRO information networks and enterprise systems.

(U) The Enterprise IT System EC integrates the NRO's high-speed communications networks with the IC, DoD, and NRO mission partners to meet mission critical requirements. Included in the EC are continuing efforts to reduce costs and maximize efficiencies of the NRO IT enterprise. This EC enables NRO mission success by providing cost-effective communication and information system products and services to the NRO and its mission partners. We continue our goal to provide improved products and services, which support our customers today while evolving our architecture to effectively support them in the future.

(U) These activities were funded in the Communications Terrestrial EC, Communications Enterprise EC, and the Corporate System Engineering and Operations EC in the FY 2007 CBJB.

(U) Budget Request – Key Change

(U) The FY 2008 request reflects the following changes from FY 2007 base appropriations, excluding bridge and supplemental funding for Counterterrorism and Iraq operations:

- (S) 
- (U) Reduce costs for O&M as a result of infrastructure efficiencies.
- (U) Complete cryptographic procurement.

(U) ENTERPRISE IT SYSTEMS
(U) CONNECTIVITY



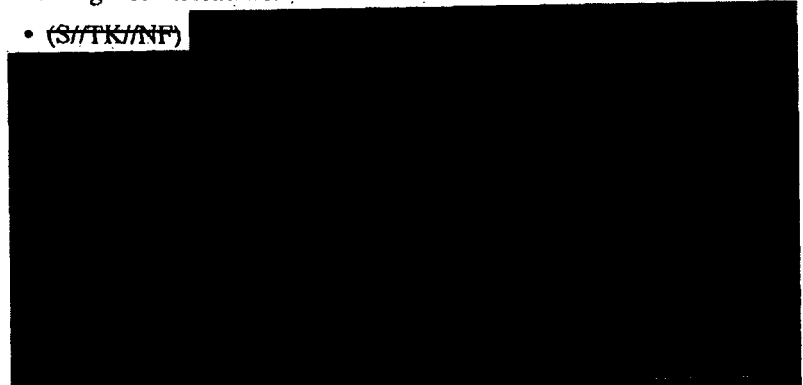
(U) Description

(U) The Connectivity project provides resources to develop, acquire, deliver, operate, manage, maintain, and provide life cycle program management for the enterprise information systems, and the terrestrial communication networks to support the NRO's current and future mission to provide global network and communication services for the NRO, IC Mission Partners, DoD, and Combatant Commanders. The Connectivity project consists of the following investment areas:

- (U) The Enterprise Systems investment area engineers, develops, acquires, integrates, tests, and delivers IT management information systems (MIS), message handling capabilities, multimedia, information assurance (IA) capabilities (controlled interfaces and sensors), and enterprise management. These capabilities will include the Unclassified MIS applications and services, MIS integrated with collaboration, multilevel secure workstations studies and demonstrations, video-on-demand, integrated voicemail, Voice over Internet Protocol (VoIP), IC's Defense Messaging System (DMS), eXtensible Mark-up Language (XML) messaging capabilities, modernization of network firewalls (IA capability), Real-time Engine for Analysis of Content Transmissions (REACT) perimeter protection (IA capability), enterprise management tools (Phoenix, ConfigureSoft Enterprise Configuration Manager, and Manager of Managers),

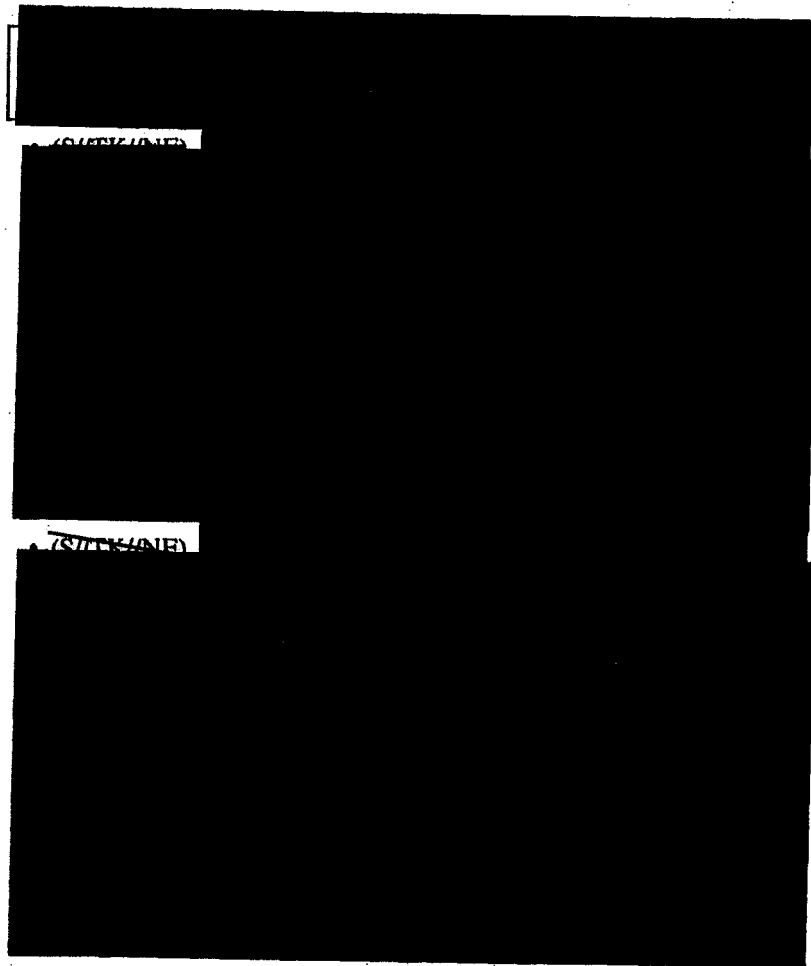
autonomous network operations, and enhanced visualization. These capabilities provide control and protection of the NRO global information enterprise and facilitate dissemination of critical intelligence information.

- (S//TK//NF)



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(U) Performance Information

(U//~~FOUO~~) This project supports Enterprise Objective 5, Ensure that IC members and customers can access the intelligence they need when they need it. This project provides the support to the IMINT and

SIGINT projects that support the NIS Mission Objective 1, Defeat terrorists at home and abroad and seize the initiative from global extremists; Mission Objective 2, Prevent and counter the spread of weapons of mass destruction; Enterprise Objective 3, Re-balance collection to achieve least-cost/highest-value results guided by customer and analytic priorities.

(U) The following important performance outcomes, to be accomplished in FY 2007, FY 2008, and future years, contribute to achieving these objectives:

- (U) Implement, operate, manage, and maintain an enterprise architecture that provides NRO users with a robust set of applications, tools, and services in a protected environment allowing the user to seamlessly interface with mission and administrative functions while working in an ubiquitous environment of information sharing across the IC. Association to NIS: NRO, IC mission partner, and DoD interoperability supports the NIS objective to ensure customer access to intelligence and to ensure maximum interoperability within the community.
- (U) Implement, operate, manage, and maintain an adaptive terrestrial communications architecture based on a standards-based infrastructure, enabling NRO, IC mission partner, and DoD interoperability. Association to NIS: NRO, IC mission partner, and DoD interoperability supports the NIS objective to ensure customer access to intelligence and to ensure maximum interoperability within the community.

(U) In FY 2007

- (U) The Enterprise Systems investment area will upgrade IT management information systems, message handling capabilities, and enterprise management systems in response to user requirements. (EO5)
- (U) The Enterprise Operations investment area will provide greater than 99 percent network availability of services to the NRO user by providing reliable and responsive communication products, assured service, and hardware and software maintenance of associated telecommunication, management information systems, and special

systems equipment at more than 400 sites. Continue to enhance mission support and provide effective command and control of computer defense and network monitoring systems. (EO5)

• (S//TK) [REDACTED]

• (U) The Core investment area will execute tasks associated with network consolidation, (the consolidation of SCI administrative WANs into the Generic SCI Red Wide Area Network) and provide higher capacity. The Core will initiate the engineering to migrate from the ATM backbone to an Internet Protocol/Multi-Protocol Labeling Switching (IP/MPLS) backbone. The Core will start the deployment of encryption technologies to replace existing obsolete encryption devices, and enhancing its packet-switched services. (EO5)

• (S//TK//NF) [REDACTED]

• (S//TK//NF) [REDACTED]

(U) In FY 2008

• (U) The Enterprise Systems investment area will continue to upgrade the IT management information systems, message handling capabilities, and enterprise management systems in response to user requirements. (EO5)


• (U) The Enterprise Operations investment area will continue to provide reliable and responsive communication products, assured service, and hardware and software maintenance of associated telecommunication, management information systems, and special systems equipment at more than 400 sites. Enterprise Operations will continue to enhance mission support and provide effective command and control of computer defense and network monitoring systems. (EO5)

• (S//TK) [REDACTED]

• (U) The Core investment area will continue network consolidation, convergence using Internet Protocol Version 6 (IPv6), and provide higher capacity. The Core will complete the deployment of the hardware and software of the IP/MPLS backbone during this time. The Core will focus on the introduction of state-of-the-art encryption technologies, and enhancing its packet-switched services. (EO5)

• (U) The Edge investment area will continue network consolidation, convergence (IPv6), and provide higher capacity to the desktop to support user needs and enhanced services. The Edge will complete the upgrade to the FACTS system. (EO5)

• (S//TK//NF) [REDACTED]

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- (U) The Connectivity Project will prototype new information sharing and telecommunication technologies to meet timeliness of critical intelligence sharing activities as required by our mission partners and warfighter customers. (EO5)

(U) ENTERPRISE IT SYSTEMS
(U) ENTERPRISE ARCHITECTURE & PLANNING



~~This exhibit is SECRET//NOFORN~~

(U) Description

(U) The Enterprise Architecture and Planning project provides resources to support the secure and effective management of NRO IT resources and the IT workforce. The CIO advises the Director of the NRO and NRO senior managers on all IT-related matters. The CIO develops NRO IT strategy and policies that incorporate national, IC, and DoD guidance into the NRO enterprise IT architecture. The CIO also develops and implements clear, uniform, and concise policies and practices that promote the NRO's IT governance, interoperability, information sharing and collaboration, and information assurance within the NRO and IC. The CIO has a mandate to develop and implement an NRO information resources management/capital planning and investment control process to govern how the NRO selects, acquires, controls, manages, operates, maintains, and evaluates IT.

(U) Performance Information

(U//~~FOUO~~) This project supports NIS Enterprise Objective 5, ensure IC members and customers can access the intelligence they need when they need it.

(U) The following important performance outcomes, to be accomplished in FY 2007, FY 2008, and future years, contribute to achieving these objectives:

- (U) Expand the development and implementation of an agency-wide strategy for capital planning and investment control processes to fully implement an NRO IT workforce certification program and begin an IT training program.
- (U) Improve management of business infrastructure IT assets by advancing internal management controls, documentation, reviews, and assessments in accordance with policy guidance, OMB, and the Federal Information Security Management Act.
- (U) Align IT management progression with the NRO IT strategy and NRO Strategic Framework. Improve and maintain the NRO information enterprise management database to fulfill Congressional and other reporting requirements.

(U) **Association to NIS:** Streamline IT policies and continue development of an enterprise architecture reference model based on approved standards enabling a migration towards a standardized infrastructure that allows information sharing and collaboration in support of IC members and customers.

(U) In FY 2007 and FY 2008

- (U) Construct the enterprise architecture business and service reference models, and update the technical reference model, to identify efficiencies and improve NRO delivery of IT services. (EO5)
- (U) Improve and deliver the OMB Exhibit 53 and 300 IT annual financial reports, as well as NRO IT portfolio analysis reports, to align financial decision making with the NRO IT strategy. (EO5)
- (U) Use capital planning and investment control portfolio management processes to create and manage the communications and business IT portfolio. (EO5)

(U) ENTERPRISE IT SYSTEMS
(U) INFORMATION ASSURANCE



This Exhibit is ~~SECRET//NOFORN~~

(U) Description

(U//~~FOUO~~) The Information Assurance (IA) project funds operational and programmatic activities designed to secure the NRO information enterprise. This includes oversight and support for certification and accreditations, [REDACTED] IA engineering, [REDACTED] and enterprise auditing to ensure the secure operation of mission, administrative, and infrastructure systems. The IA Engineering Program allows for information security to be integrated from a program's inception throughout the entire life cycle.

(U) Performance Information

(U//~~FOUO~~) This project supports NIS Enterprise Objective 5, ensure that IC members and customers can access the intelligence they need when they need it.

(U) The following important performance outcomes, to be accomplished in FY 2007 and FY 2008, contribute to achieving these objectives:

- (U) Ensure that the NRO maintains a proper IA posture for all its IT systems using accepted certification and accreditation processes, network vulnerability assessments, IA vulnerability alert monitoring, and federal reporting requirements to include Federal Information Security Management Act submissions.
- (U) Achieve at least 90 percent IT systems accreditation.
- (U) Perform vulnerability assessments to ensure the integrity of IT assets, infrastructure, and the perimeter.

(U) Association to NIS: Secure NRO cyber environments by ensuring that intelligence information and systems are available for protected information sharing when and if needed by the NRO and its customers.

(U) In FY 2007

- (C) [REDACTED]
- (C) [REDACTED]