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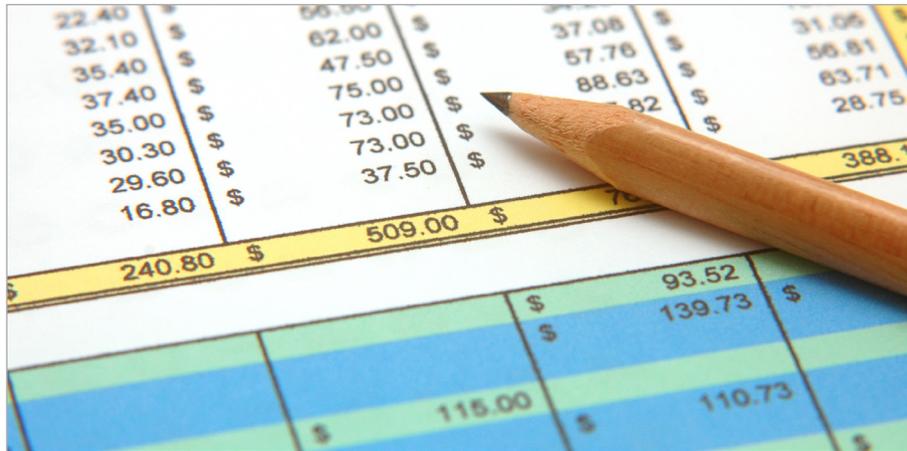# Corps Financial Management System Achieves DITSCAP Certification

The Army Corps of Engineers has been an Intergraph customer for more than 25 years.

CORPS OF ENGINEERS ASSESSES INFORMATION SECURITY RISKS

THE CHALLENGE:

The U.S. Army Corps of Engineers Financial Management System (CEFMS) Program Management Office requested Certification & Accreditation (C&A) support to assess their security risks and meet the requirements of the Defense Information Technology Security Certification and Accreditation (DITSCAP) program, now known as the DoD Information Assurance Certification and Accreditation Process (DIACAP). CEFMS is the U.S. Army's field-level automated accounting and financial reporting subsystem for military construction and civil works functions. It contains more than 16 million lines of code and is accessed by more than 30,000 military and civilian personnel. Compliance with DITSCAP is mandatory for all DoD automated information systems.

THE PROJECT OBJECTIVES:

- Assess risks and information assurance vulnerabilities

- Receive DITSCAP accreditation

- Develop an ongoing information assurance program

THE SOLUTION:

The Corps contracted with Intergraph to obtain DITSCAP certification for the CEFMS software application. CEFMS is the largest Corps application for which Intergraph has performed an application security certification, and is the enterprise financial system for the entire Corps. It is distributed across servers housed at Corps' processing centers, which support operations at 61 field offices worldwide. This contract directly supported the mission security of CEFMS by establishing DITSCAP-certified secure processes and procedures on the Corps' automated information system.

Intergraph followed the Information System Security Engineering (ISSE) process to satisfy federal requirements for DITSCAP. A primary stage of this project was a risk assessment of CEFMS and the Oracle database upon which it is based. The risk assessment comprised several steps, some of which include a threat analysis; vulnerability assessment; security analysis of system

PROFILE:

Name – U.S. Army Corps of Engineers Financial Management System (CEFMS) Program Office

Web site – www.usace.army.mil/

The CEFMS Program Office ensures that Corps' programs achieve their intended results; resources used are consistent with agency mission; programs and resources are protected from waste, fraud, and mismanagement; laws and regulations are followed; and reliable and timely information is obtained, maintained, reported, and used for decision making.

KEY BENEFITS:

- Improved security posture
- DITSCAP accreditation
- Successful DoD Inspector General audit

PRODUCTS USED:

- Security assessment
- Vulnerability assessment
- Technical analysis
- Security test and evaluation

and network architecture, database design, and interfaces; security certification testing; and risk mitigation plan development.

Intergraph then helped the Corps develop security policies that adequately provide for the confidentiality, integrity, and availability of the information processed, produced, stored, and transmitted on CEFMS. In addition, Intergraph assisted the CEFMS Program Office in developing a process for continual network monitoring and management for Phase 4 DITSCAP.

As a result of undergoing the DITSCAP process, Intergraph identified system vulnerabilities and provided final C&A recommendations to the Corps' CEFMS Program Office. The Corps was able to take corrective action to remediate these vulnerabilities and attained security certification and accreditation for the CEFMS software, allowing them to receive an Authority to Operate (ATO) on the Corps' network.

The CEFMS DITSCAP package also passed inspection by theDoD Inspector General (IG) during its audit. The auditors commented on the quality of the certification documentation and thoroughness of the work performed by the Intergraph consultants.

"Intergraph played a key role in our accreditation and certification process," stated Linda Brooks, CEFMS Project Manager. "Based on their assessment and recommendations, we now have a DISTCAP-certified system and a stronger security posture."

"I believe our successful DoD IG audit is a direct result of our partnership with Intergraph on the CEFMS DITSCAP program," said Bill Mordecai, CEFMS Information Assurance Manager. "We not only passed the audit with no identifiable discrepancies, but were commended on our attention to detail."

Intergraph has performed security certifications for more than 20 applications for the U.S. Army Corps of Engineers and more than a hundred certifications for all the U.S. Armed Forces combined. Several of these are enterprisewide applications hosted at the Corps Network Operation Centers in Vicksburg, Mississippi, and Portland, Oregon, while others are hosted at the Huntsville, Alabama, Finance Center or Engineering and Support Center. These certifications have undergone information assurance audits by DoD trade associations and passed the audits with no major security deficiencies. Intergraph supports our clients during the actual audits by providing additional information to the DoD IG auditors.

For more information, visit www.intergraph.com.

ABOUT INTERGRAPH

Intergraph Corporation is the leading global provider of spatial information management (SIM) software. Security organizations, businesses and governments in more than 60 countries rely on the company's spatial technology and services to make better and faster operational decisions. Intergraph's customers organize vast amounts of complex data into understandable visual representations, creating intelligent maps, managing assets, building and operating better plants and ships, and protecting critical infrastructure and millions of people around the world.

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