

## Enterprise Services

### Software Development

Customer: Defense Contract Management Agency (DCMA) | Period: 5/9/2005 – 9/30/2010



### Why Triple-i?

Qualified civilian and defense industry  
experience with enterprise services

Secret and top secret  
security clearance

Interface design and development

Implementation support

Requirements definition

Customer-focused, value driven  
management approach

A Service-Disabled Veteran-Owned  
Small Business

### Customer Profile

The Defense Contract Management Agency (DCMA) is the Department of Defense (DoD) agency responsible for working with the Defense industry to ensure that systems, supplies, and services provided by Defense contractors are delivered on time and within budget while satisfying the quality and performance requirements associated with the contracting vehicle.

### Business Challenge

DCMA relies heavily on contractor support for the design, development, implementation, and sustainability of its internal information systems, customer information systems, and systems that track the status of contractor performance in their contracts with DCMA. Over the last several years, DCMA has undergone a transformation of its information systems, the underlying technologies that support these systems, and the sources for application development and sustainability. DCMA has transitioned from largely mainframe and distributed operating platforms to Web-based applications.

In 2005, in an effort to reduce the time-to-market and development lifecycle costs for new software products, DCMA sought increased use of more contemporary programming languages for its Web-based applications.

### Our Solution

In mid-2005, Triple-i was awarded a contract to perform software development for internal DCMA applications. Triple-i has worked with the DCMA applications support organization to develop a highly structured, integrated software development lifecycle methodology for internal applications. The methodology is based around task specialization for the design and development functions and includes clear responsibilities by DCMA for the preparation of requirements and design deliverables, with Triple-i conducting the development activities.

Triple-i proposed the use of Cold Fusion as the primary development language for an initial, proof-of-concept pilot project for DCMA. Additional development tools and technologies used by Triple-i include Java Script, Cascading Stylesheets (CSS), and Oracle database (version 10G).

To maximize efficiency, some of the systems have been developed by Triple-i for broad use across DCMA while other applications are unique, internal systems to address specific DCMA business functions. The systems Triple-i developed resulted in a maximization of efficiency and interoperability. These systems include:

- **Military Online Personnel System (MOPS):** Used by 530 DCMA personnel to manage military personnel who work for DCMA. MOPS tracks personnel information, billet information, assignments, evaluations, awards, training, and decoration information.
- **Automated Listing of Eligibility and Clearances (ALEC):** Used by 215 personnel to track the security clearance process for DCMA employees.
- **Automated Bellringer:** Provides 400 senior acquisition officials with timely information on program or contract management issues that are likely to make

national news, precipitate congressional hearings, impact major programs, or seriously affect the readiness of a military service.

- **QA/PADelegation:** Used by 500 product assurance professionals to delegate work to other product assurance professionals.
- **FraudNET:** This application is used by 12,000 staff to report incidents of suspected fraud, waste, abuse, or misuse of federal funds and property. This system is available to all DCMA employees.
- **NASAQLI:** This system is used by 200 DCMA users to identify risk factors on contracts and to take steps to reduce performance failures on contracts. It provides a systematic way for DCMA to document contractor performance and provide the end customer (NASA) with the ability to view and monitor supplier risk on a monthly basis.
- **Customer Engagement Recording (CER):** Used by approximately 12,000 staff, CER provides an organized and systematic means of disseminating information or issues/actions as well as quickly and efficiently responding to customer concerns arising from customer engagements that require attention at a CMO, district, or HQ level. This application enables DCMA to be better prepared for meetings with the customer by allowing a user to quickly review past issues/actions. CER is currently in beta testing, but will ultimately be available to all DCMA employees.
- **Engineer Skillset:** This system tracks DCMA employees' skills within a skills database and allows project managers and project leads within DCMA to find qualified DCMA Engineers and Software QARs with specific skills and/or major weapons program experience. This system is available to all DCMA employees, and has been used to harness the institutional and individual experience, credentials, and knowledge within DCMA.

### Other Customers

In addition to providing interface development services to DLA, Triple-i has also provided services such as testing, systems administration, Storage Area Network (SAN) architecture, portal and oracle development, and help desk support. Triple-i has also provided Web design and development, software development, and independent verification and validation (IV&V) for the Defense Contract Management Agency (DCMA).

To find out more about these and other contract services, visit our website at [www.iiinfo.com](http://www.iiinfo.com) or contact [sales@iiinfo.com](mailto:sales@iiinfo.com).