Air Force GFM-DI

Digital Prospectors Brings Leadership-Level Results to DoD Joint Level Initiative

Customer
Joint Chiefs of Staff, J8 / A5X

Engagement
Subcontractor on GCSS and NETCENTS

Service Delivery
T&M / FFP

Service Value
≈ $4M

Platforms
Unix/Linux (upgrade to RedHat during the POP)

Databases
Oracle, Teradata

Development Languages
Java, BTEQ, PL/SQL, Korn, FLEX

Methodology
Modified Agile, leveraging enterprise SOA services

Tools
Informatica, Websphere

Scope

The Global Force Management – Data Initiative (GFM-DI) is a Department of Defense (DoD) Joint Staff and Office of the Secretary of Defense (OSD) initiative to standardize force structure representation, making it visible, accessible, and understandable across the DoD. Unique identifiers will associate billets, crews, equipment types, doctrinal organizations, and chain of command links, enabling electronic manipulation. GFM-DI establishes an information exchange data standard enabling DoD systems to exchange force structure data in a common format while exploiting the net-centric data environment. The GFM DI will support the transformation of the DoD force management process by providing the capability to link force structure, resources, and capabilities to support decision and risk analysis throughout the force assignment, allocation, and apportionment processes. The Air Force went to Digital Prospectors' large defense contractor client to develop the Air Force instance of GFM-DI.

Solution

Digital Prospectors was part of the original team selected by our client in 2005 to implement GFM. While playing both a technical leadership and architectural design role, Digital Prospectors was able to help the Air Force lead all services in implementing Phase I of the GFM vision in both the unclassified and classified environments. The GFM architecture uses DISA's Joint User Messaging (JUM), Web Service-Notification, Enterprise Service Bus, a set of standard web services, and a common extensible Markup Language Schema Definition vocabulary to document and expose the entire Force Structure for the AF. The program participates in yearly presentations and live demos to the Vice Chairman of the Joint Chiefs of Staff.

Results

As a result of Digital Prospectors' efforts, the Air Force GFM-DI implementation has consistently led the joint implementation activities across the DoD. Associated government personnel have received awards for the effort. Digital Prosepctors' current client's Contractor Performance Assessment Ratings (CPARs) have been all Outstandings as Digital Prospectors moves into its 7th year of GFM-DI support for the Air Force.