Digital Prospectors Corp

Air Force LIMS-EV

DPC and LIMS-EV – Enabling Air Force Information Visibility and Accuracy

Customer
US Air Force A4/IS

Engagement
Subcontractor on GCSS and NETCENTS

Service Delivery
T&M

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 Logistics, Installations, and Mission Support – Enterprise View (LIMS-EV) is the Air Force A4/7 Business Intelligence (BI) gateway providing a standardized data exploitation capability for reporting and analytics across all Air Force A4/7 business areas. LIMS-EV provides a single entry point on the Air Force Portal that hosts a variety of BI capabilities in a flexible, dynamic SOA environment. This capability supports reporting and analysis requirements using scorecards, and dashboards as well as predictive analysis capabilities to all levels of users: strategic, operational, and tactical. LIMS-EV is the integrated business intelligence environment delivering "One Version of the Truth" to Warfighters across all Air Force Logistics, Installations and Mission Support business areas. DPC's large defense contractor was brought in to develop LIMS-EV spiral capabilities (views).

Solution

DPC's large defense contractor client engaged DPC to design the overall architecture as well as the creation of the service layer that exposes the underlying data of the numerous systems that source LIMS-EV. Leveraging existing Air Force enterprise services, DPC defined a technical architecture for LIMS-EV that has successfully been used in the development and deployment of over 50 different LIMS-EV "views". In addition, DPC developed database and service layer functionality for LIMS-EV Equipment View, Repair Network Integration View, Weapons Systems View among others.

Results

LIMS-EV is recognized as one of the major Develop & Sustain Warfighter Systems (D&SWS) Supply Chain Operations key initiatives. LIMS-EV provides the analytic and historic information required by the following initiatives: Consolidated Asset Management (CAM), Repair Network Initiative (RNI), Expeditionary Combat Support System (ECSS), Global Logistics Support Center (GLSC), Aircraft Availability Improvement Program (AAIP), AF Equipment and Vehicles Transformation Initiative (AFEVTI), Global Ammunition Control Point (GACP). In addition The Air Force's LIMS-EV, Logistics Transformation initiative was one of 20 finalists in the 2010 Excellence.Gov Awards, competing with other organizations from throughout the federal government.