



COMPANY OVERVIEW

Established in 1997, Quantum is a customer-focused information technology (IT) services company providing **Data Management, Data Analytics, Cybersecurity, Software/App Development, IT Training Development & Delivery, Intelligence Support and Professional Support Services**, tailored to the specific needs of our clients. Quantum has in-depth experience working with complex information systems containing large amounts of disparate data from diverse sources. Quantum's broad base of technical knowledge, coupled with our professionalism and strong history of past performance, ensures quality and customer satisfaction.

ENSURING OUR CLIENTS' SUCCESS THROUGH INNOVATIVE SOLUTIONS AND SUPERIOR SERVICE

COMPANY DESIGNATORS

CAGE Code: 1EGB7
UEI: QGE6ET7SLYN6
Socioeconomic Status: WOSB

DIFFERENTIATORS

- ✓ Data Management Experts
- ✓ Pegasystems App Development
- ✓ Woman-Owned Small Business 
- ✓ Qlik® Data Analytics Implementation Partner
- ✓ Trifacta Data Preparation & Transformation Partner
- ✓ DataRobot & BigSquid AI/Machine Learning Partners
- ✓ 'Very Good' to 'Exceptional' on all DoD CPARs
- ✓ DCAA Approved Accounting System

CORE COMPETENCIES

- ✓ Workflow Automation, App Development & Sustainment
- ✓ Software/Database Development & Maintenance
- ✓ IT Training and Training Management
- ✓ Enterprise IT Security, Oversight, Strategy and Policy
- ✓ Data Transformation - Management, Extraction & Loading
- ✓ Business Intelligence (BI) & Data Analytics
- ✓ Program Management Support & Information Assurance
- ✓ COTS Implementation, Integration & Legacy Migration

PAST PERFORMANCE

AFRL Enterprise Business Systems (EBS) Intelligent Business Processes Management Suite (iBPMS)

- Pegasystems App Development and Sustainment
- Configures and maintains the iBPMS platform
- Performs testing on all configured applications
- Provides training to AFRL users and developers

Air Force Research Laboratory (AFRL)

- Enterprise IT Strategy & Policy Support
- Enterprise Cybersecurity Support
- Enterprise Business System (EBS) Training Support
- Change Management / IT Modernization Support
- Financial and Administrative Support

HQ AFMC Force Development Division

- Education Training Management System (ETMS)
- Maintains Automated Information Systems
- Database and Web Development
- Maintains & Enhances Custom Software Applications

National Air & Space Intelligence Center (NASIC)

- Successful ATEP Team Member for over 15 Years
- Screen, Prioritize, Process & Analyze Intelligence Data
- Construct Actionable Intelligence Technical Products
- Production Management of New Intel Requirements

CONTRACTING AVENUES

- ✓ GSA MAS Schedule: GS-35F-0007R
- ✓ NOVASTAR/MEGASTAR Subcontractor (USAF / NASIC)
- ✓ iBPMS Pegasystems Platform Implementation (AFRL)

NAICS CODES

- Primary - 541511 - Custom Computer Programming Services
- 541330 - Engineering Services
- 541512 - Computer Systems Design Services
- 541513 - Computer Facilities Management Services
- 541519 - Other Computer Related Services
- 541611 - Admin Management & General Management Consulting
- 541618 - Other Management Consulting Services
- 541690 - Other Scientific & Technical Consulting Services
- 541715 - R&D in Physical, Engineering & Life Sciences
- 541990 - All Other Professional, Scientific & Technical Services
- 561110 - Office Administrative Services
- 611420 - Computer Training



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YOUR Success is QUANTRUM'S Mission!

IBPMS PLATFORM IMPLEMENTATION

Quantum is the prime contractor supporting the AFRL Enterprise Business System (EBS) Program Office Intelligent Business Processes Management Suite (iBMPS). The iBMPS Team provides development, implementation and incidental training services for the Pegasystems (Pega) iBMPS across AFRL, which improves the integrity, efficiency, and management of critical business information for AFRL's Science & Technology (S&T) mission.

- iBMPS Platform Management
 - Configures and maintains the iBMPS platform as a shared platform supporting federated development
 - Implements configuration management and testing procedures compatible with the iBMPS platform
- iBMPS Application Configuration & Integration
 - Configures and Develops Pega applications to be sustainable within the EBS architecture
 - Performs testing on all configured applications in accordance with agile principles
- iBMPS Enablement & AFRL Developer Training
 - Provides iBMPS platform classes to AFRL personnel
 - Trains AFRL developers on the iBMPS platform to enable them to configure applications
 - Enables AFRL development teams to utilize the capabilities of the iBMPS platform

ENTERPRISE IT STRATEGY & POLICY

As a subcontractor, Quantum provided high level Information Technology services for the AFRL Research Computing and Collaboration Directorate (RC), office of the Chief Information Officer (CIO). Support included all tasks necessary to develop, coordinate, and track compliance with AFRL enterprise IT architecture, strategy, plans, and supplemental policy for the entire distributed AFRL organization.

- Strategic IT Planning
- Enterprise Cybersecurity Support - System Security Authorization Support, IT Portfolio Management Support, AFRL Inspector General (IG) Support
- Enterprise IT Policy and Standards Support - Policy and Standards Analysis, Supplemental IT Policy and Standards Development, Policy Compliance Monitoring and Reporting, Policy and Standards Implementation Support
- Tactical IT Planning and Operations Support - AFRL CIO and CTO Support, AFRL Internet and Web Policy Focal Point
- RDT&E Environment Support - Air Force Science and Technology Technical Advisory Group (TAG) Support, AFRL Enterprise RDT&E Network Program Support
- Special Projects Support - Enterprise Pilot Project Support, Equipment Custodian Support, Other Special Project Support

EBS IT TRAINING



Quantum was the prime contractor supporting the AFRL Enterprise Business System (EBS) Program Office. The EBS Training Team provided quality IT training services, training materials, management oversight and change management, as well as performance measurements, strategic planning, process improvement and performance problem solving.

- Integrated Project & Portfolio Management (IPPM) via Clarity™ : Created and maintained user guides and data entry guides, and Quick Reference Sheets (QRS)
- Business Intelligence / Entity Relationship: Utilized IBM Cognos for canned/ad hoc reports - user guides & QRS
- SharePoint 2007 and 2013 & Content Server and Workflows – maintained user guides, QRS, on-line training and on-line Help for Site Member training
- eLearning Zone – tracked training completed by users and provided key training metrics
- Instructor-led training in Records Management, Knowledge Management, Clarity and SharePoint
- Provided Change Management expertise to the EBS PO for management of the AFRL IT Modernization change process
- Led OCM adoption projects and managed communications for brand adoption.
- Identified, defined and built communication strategies and delivered multimedia products

EDUCATION & TRAINING MANAGEMENT

Quantum sustains, maintains, and enhances the Education & Training Management System (ETMS), an automated information system (AIS) managed by the AFMC Directorate of Manpower, Personnel and Services, Force Development Division.

- Maintains and enhances custom software applications
- Develops databases and maintains commercial-off-the-shelf (COTS) software and hardware (e.g., servers, storage area networks, and tape backup units)
- Application services - web and application server administrative functions, data backup, data restore
- Database services - database management administration, trend analysis and statistics reporting
- Documentation services - user guides, online tutorials
- Training services - materials and end-user training
- Testing services - unit and system level testing
- Systems management and administration services
- Maintains course catalog & policies relating to catalog
- Program management - schedules, personnel, budget
- IT compliance - creates & maintains IT artifacts and enterprise architecture models to ensure information assurance
- Management support - meetings, instructions, reports