



Seaport e

The CyberData Team Commitment

Information Technology changes rapidly, seriously challenging organizations such as the Navy to address the impact of emerging technologies on its mission goals, business needs, and people. To cope, the Seaport e Program Office has established a forward thinking approach that includes collaborative participation of its Lines of Business, IT staff, and stakeholders to proactively investigate the risks and opportunities new technologies bring to the Navy Enterprise. This approach leverages the Navy's existing knowledge and resources, along with industry-recognized technical and management best practices, to provide a strategic framework for a robust and unified organization now and into the future.

CyberData Capabilities

Our staff is comprised of a diverse mix of database and application engineers, developers, data architects, system designers, business analysts, scientists, and more. Our headquarters in Northern Virginia gives us ready access to anywhere in the Metropolitan Washington, DC area. Working together, we design, develop, operate and maintain a wide range of systems and applications for Government clients. Our expertise ranges from business intelligence to applications development, network analysis, systems operations and maintenance, help desk support, and in the scientific disciplines, meteorology and microbiology. CyberData has presence in Seaport e Zones 2, 3, 4, and 5.

CyberData Financial Systems Support

The CyberData NOAALink Team brings solid expertise and proven experience to support NOAA and DOC financial systems.

- At **DoD's** Business Transformation Agency, CyberData provides Enterprise Business Intelligence (BI) Support to the Pentagon CFO
 - ✓ Our team created **the Dashboard that the Pentagon CFO uses** for the management of DoD's budget.
 - ✓ Featured on a CNN report (click the link to view):

<http://money.cnn.com/video/news/2008/06/18/news.pentagonbudget.cnnmoney/>



- ✓ CyberData supports BI/Data Warehouse analysis, design, coding, testing, and Dashboard and System implementation.
- ✓ Technologies: Cognos, On-Line Analytical Processing (OLAP), BI, Oracle Data Warehouse, Oracle Designer Case tool
- At the **Treasury** Department, CyberData leads a joint venture team of software engineers and analysts supporting 23 applications across 5 portfolios, including:
 - ✓ Treasury's Financial System of Record
 - ✓ Banking System Monitoring Applications
 - ✓ Financial Markets Monitoring Applications
 - ✓ Foreign Asset Control Applications
 - ✓ Applications collectively track billions of dollars in global assets and capital flow
 - ✓ \$85 million IDIQ ceiling, scope includes Operations, Maintenance, Enhancements, and new Development
 - ✓ Technologies: Java, Web Services/XML, .NET, SQL Server, Oracle, Visual Studio, KOFAX Ascent Capture high-end scanners, Adobe LiveCycle for web forms



CyberData IT Services

CyberData and our teammates provide a wide array of IT Services for agencies across the Federal space. Rev. 2/24/11

Systems Design and Development

- At **GSA**, CyberData architected and is developing, deploying, and supporting the Public Buildings Service (PBS) Business Intelligence (BI) Framework
 - ✓ Enterprise BI capability to decision-makers' desktops
 - ✓ Draws from nationwide data sources across PBS
 - ✓ Supports the management of over 352 million square feet of workspace in 2,100 American communities comprising over 1,500 government-owned buildings
 - ✓ \$27 million, 5-year contract



Web

- At GSA/OMB, CyberData developed and enhances the ROCIS III system, an enterprise application that tracks rulemaking actions **across all Federal agencies**, for which CyberData was **recognized at a White House reception**
- For GSA/OMB, CyberData deployed a public-facing Regulatory Dashboard (www.reginfo.gov) that citizens can use to view regulatory activity as part of the President's Open Government initiative. The site provides **leading-edge interactive tools** for finding information and was cited in the OMB Director's Blog: (<http://www.whitehouse.gov/omb/blog/10/02/16/OIRA-Dashboard-Goes-Live>)




Operations and Maintenance

- At Treasury, CyberData maintains and enhances 23 applications across 5 portfolios
 - ✓ \$85 million IDIQ ceiling, scope includes Operations, Maintenance, Enhancements, and new Development
 - ✓ Technologies: Java, Web Services/XML, .NET, SQL Server, Oracle, Visual Studio, KOFAX Ascent Capture high-end scanners, Adobe LiveCycle for web forms



CyberData Team Partners

CyberData has assembled an outstanding team of partners to supplement our capabilities.

Team Member	Brief Description of Experience and Capability	Relevant Functional Area
CyberData Technologies 	Prime contractor for Responsible for design and implementation of enterprise Business Intelligence platform for GSA Public Buildings Service. Designs, codes, tests, develops, deploys and maintains all application software, screens, and database structures.	6. Software
Orion Network Solutions	For NOAA, Orion is implementing and operating a standard, centralized approach to locally owned and operated Automated Flood Warning Systems (AFWS) data collection, including all required software development.	12. IS/IA/IT
People Processing Information (PPI)	PPI performs Multi-Hardware and Software Platform Integration, Integrated System Architecture Design, Network Protocol Standardization, Network Media and Cable Plant Engineering, and Traffic Analysis for multiple customers.	12. IS/IA/IT
I.M. Systems Group (IMSG)	IMSG provides engineering support to NOAA integrated grants management system, supporting the integration of multiple disparate grants management systems into one solution.	2. Engineering Support

Team Member	Brief Description of Experience and Capability	Relevant Functional Area
Reston Consulting Group (RCG)	Performs assessments of LANs for Veterans Affairs, including LAN Facilities, LAN Architecture Review, Network Performance and Health Analysis, and Information Assurance Review.	12. IS/IA/IT

CyberData Team Experience

The CyberData Team's relevant experience in each of the Seaport e Functional Areas is provided in the table below.

Functional Area	Team Member	Relevant Experience
2. Engineering Support	IMSG	IMSG provides O&M support for NOAA's grants management system, which has become the Department of Commerce standard. Responsibilities include applications management such as: release management and developing testing and implementing new features, help desk support for over 17,000 users, Oracle database administration, web-based work flow management and communications, and training. IMSG also supported the transition of users and data systems from other Commerce grants systems into Grants Online.
6. Software	CyberData Technologies	CyberData architects, designs, develops, implements, tests, and supports the Public Building Service Business Intelligence Framework for GSA. CyberData performs all software design, development, test, and maintenance activities in accordance with CMMI Level 2 processes. For the Office of Management and Budget and GSA's ROCIS III system, CyberData supports the operation and maintenance of the Oracle database application with web interface, and designs and implements enhancements to the system, which is used by all Federal agencies to track rulemaking activities.
12. IS/IA/IT	RCG	For VA, RCG engineers develop, access, and recommend concepts or solutions to implement network designs, policies and procedures that will result in continual upgrade, enhancement and optimization of VA Region 1 local area networks (LAN) and that will ensure proper network configuration and standardization. RCG performs LAN assessments, identifies all performance problems, recommends upgrades required to support converged services (CS), and implements fixes.
	PPI	PPI provides network management, evaluation, troubleshooting, and incident response for the Pension Benefit Guaranty Corporation (PBGC). PPI provides network specialists, engineers, and Help Desk technicians to respond to trouble calls and provide escalated incident response support to the entire PBGC enterprise.
	Orion Network Solutions	The NWS National ALERT Data Processing Center, receives, validates, and packages the data for distribution via the web. Orion supports the collection, storage, and distribution of the AFWS data with information systems technology expertise. Orion administers, maintains, troubleshoots, and operates these databases and related software code, and provides support to users.

Functional Area	Team Member	Relevant Experience
	CyberData Technologies	CyberData supports a portfolio of 22 applications across all bureaus for the Department of the Treasury. CyberData analyzes requirements, designs, develops, and implements enhancements, provides Tier 2/3 Help Desk support, and assesses infrastructure requirements.

Team Past Performance

The CyberData Team's relevant past performance for the past 3 years is provided in the table below.

Team Member	Description of Experience
CyberData Technologies	<p>CyberData architected, designed, is building, and maintains the PBS BI Framework. The PBS BI Framework is built on the Oracle Business Intelligence Suite Enterprise Edition (OBIEE), which is a comprehensive enterprise BI solution that delivers a full range of analysis and reporting capabilities. Featuring a unified, highly scalable, modern architecture, PBS BI Framework provides intelligence and analytics using data drawn from enterprise sources and applications—empowering the largest Government real property management communities with complete and relevant insight into the business. CyberData performs all software design, development, test, and maintenance activities in accordance with CMMI Level 2 processes.</p> <ul style="list-style-type: none"> • CyberData has successfully integrated the BI foundation platform and applications such as BI-InfoWizard into the PBS Portal/SSO/eCommon (SOA) architecture. • CyberData integrated the BI Framework login process into the PBS SSO Portal login. • CyberData integrated access to applications, dashboards, reports, and other information views into the PBS Portal. • CyberData designed the BI Framework architecture to align with the eCommon Framework, enabling BI applications to take advantage of services deployed on the eCommon Framework and ensuring that appropriate BI services are registered on the eCommon Framework. <p>CyberData participates on PBS governance bodies to help ensure a consistent and effective PBS architecture that aligns with PBS IT strategy and standards. CyberData has performed all work in accordance with client direction and has met or exceeded expectations. CyberData has delivered all tasks contract-to-date on time and within budget, and has a 100% acceptance record for all invoices and deliverables under this contract.</p>
Orion Network Solutions	<p>NWS forecasts and warnings depend on many data sources, including locally owned and operated Automated Flood Warning Systems (AFWS). AFWS are sensor networks that are built, managed, and maintained by local communities that recognize AFWS importance for quick and effective response to risk of life and property. Examples of AFWS include Automated Local Evaluation in Real Time (ALERT) systems, the Integrated Flood Observing and Warning System (IFLOWS), and the Passaic Flood Warning System (PFWS).</p> <p>The NWS National ALERT Data Processing Center, receives, validates, and packages the data for distribution via the web. The Center processes raw data and packages this data in several formats including Keyhole Markup Language (KML), Shapefile, Extensible Markup Language (XML), tabular formats, HyperText Markup Language and Standard Hydrologic Exchange Format (SHEF), and attaches a Hydrometeorological Automated Data System tag to the SHEF formatted data. The information is then shipped via the NWS network to the NWS Telecommunications Operations Center, where it is distributed to NWS offices.</p> <p>Orion supports the collection, storage, and distribution of the AFWS data with information systems technology expertise. Orion administers, maintains,</p>

Team Member	Description of Experience
	troubleshoots, and operates these databases and related software code, and provides support to users.
IMSG	<p>IMSG provides O&M support for NOAA's grants management system, which has become the Department of Commerce standard. Responsibilities include applications management such as: release management and developing testing and implementing new features, help desk support for over 17,000 users, Oracle database administration, web-based work flow management and communications, and training. IMSG also supported the transition of users and data systems from other Commerce grants systems into Grants Online.</p> <p>As a result of our support, the client's multiple grant review systems and processes were replaced by a single application that standardized grant processing procedures across the organization. Grants Online significantly reduced the manual data entry associated with each grant application, automatically initiates the legal review process at the appropriate time, and reduced the timeframe for processing an application from over 30 days to approximately two hours. Grants Online provided NOAA with a seamless interface to the Grants.gov website, and the application enabled the client to become the first agency to receive an electronic application directly from Grants.gov.</p>
RCG	<p>RCG engineers develop, access, and recommend concepts or solutions to implement network designs, policies and procedures that will result in continual upgrade, enhancement and optimization of VA Region 1 local area networks (LAN) and that will ensure proper network configuration and standardization. The work includes design, development, implementation, and administration of an enterprise-level network system. Project management practices are used to develop the business case, project plans, goals, objectives, and milestones when new capabilities (e.g. Voice over Internet Protocol, Port Authentication, and VPN) are added to the enterprise network. The work requires assessing the impact of software pushes from VA Headquarters, insertion of new technology, changing legislation, and new requirements.</p> <p>RCG engineers perform assessments of current network designs and Standard Operating Procedures (SOPs) and policies to determine if they are still valid. They then recommend to the Government, for its approval, concepts and/or solutions to upgrade, enhance, and/or optimize the LAN and LAN configuration and SOPs. Upon approval from the Government, RCG will develop those concepts and/or solutions into network enhancement recommendation documents for technical design concerns, and proposed SOPs and Policies Updates documents for modifications to existing SOPs for approval at the appropriate level of management.</p> <p>RCG engineers conduct the assessments to develop standards and procedures and design change recommendations to maximize network operations in compliance with VA security policies and taking into consideration any technical and/or business operations design constraints or objectives that are not strictly technical in nature.</p> <p>RCG engineers re-engineer products to correct malfunctions and/or enhance performance. They perform these duties remotely and in the rare event that it cannot be solved remotely, they travel to one of the Region 1 sites. This re-engineering process includes monitoring and reporting network systems performance, interpreting results, troubleshooting problems based on network disruptions, and implementing performance enhancements.</p>
RCG	<p>LAN Assessment services follow a consistent, standards-based methodology. RCG engineers evaluate the performance of each assigned LAN, identify all performance problems, recommend upgrades required to support converged services (CS), and implement short-term fixes.</p> <p>LAN Assessment services include the following activities:</p> <ol style="list-style-type: none"> 1. Assessing the design, configuration and topology, and the supporting infrastructure (e.g., power, uninterruptable power supply (UPS), heating, ventilation, and air conditioning (HVAC), cabling, switching, and routing fabric (hardware and software)) of the LAN and evaluating its performance using

Team Member	Description of Experience
	<p>standard LAN performance monitoring tools.</p> <ol style="list-style-type: none"><li data-bbox="462 233 1398 296">2. Immediately implementing pre-approved recommended short-term fixes for identified network issues (i.e., configuration and setting changes).<li data-bbox="462 310 1409 373">3. Submitting a final assessment report documenting all findings, changes, and comments.

CyberData Contacts

Executive Manager: **Walter Davis**, 703-481-0888 Ext. 205 walter.davis@cyberdatainc.com

Administrative POC: **Jon Lombard**, 703-481-0888 Ext. 216 jon.lombard@cyberdatainc.com