CAPABILITIES
BRIEFING

CORESYS
MAKING I.T. WORK
Nothing makes us happier than making information technology systems work for our customers. It’s a simple promise, but it’s what we’re all about.

We back up this promise with a commitment to deliver on-schedule and within budget. **Making IT Work** is a way of life and it’s how we approach everyday at CoreSys Consulting!

**MISSION**

CoreSys’ mission is to deliver secure, efficient, and innovative IT solutions that solve public sector challenges.

**VISION**

CoreSys’ vision is to be the world’s best IT company most admired for its people, performance, and partnerships.

**VALUES**

<table>
<thead>
<tr>
<th>Reliability</th>
<th>Hard Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrity</td>
<td>Simplicity</td>
</tr>
<tr>
<td>Kindness</td>
<td>Continuous Improvement</td>
</tr>
<tr>
<td>Loyalty</td>
<td>Service to Others</td>
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</tbody>
</table>
CoreSys Consulting is a Veteran Owned Small Business (VOSB) working primarily with the US Government. We hold a CMMI maturity level 3 rating in both Services and Development as well as an ISO 9001:2015 certification. The CoreSys leadership team has over twenty years of project planning, execution, and maintenance of Information Technology (IT) systems. Since 1998, CoreSys has conceived, designed, developed, implemented and maintained countless enterprise level applications. We are a proven partner that delivers a team of highly qualified IT professionals to tackle the most challenging problems our customers face.

**NAICS Codes**

<table>
<thead>
<tr>
<th>NAICS Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>541511</td>
<td>Custom Computer Programming Services</td>
</tr>
<tr>
<td>541512</td>
<td>Computer System Design Services</td>
</tr>
<tr>
<td>541519</td>
<td>Other Computer Related Services</td>
</tr>
<tr>
<td>541611</td>
<td>Administrative Management and General Management Consulting</td>
</tr>
<tr>
<td>541513</td>
<td>Computer Facilities Management Services</td>
</tr>
<tr>
<td>541330</td>
<td>Engineering Services</td>
</tr>
</tbody>
</table>

**Company Data**

<table>
<thead>
<tr>
<th>Data Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CAGE</strong></td>
<td>3W2V7</td>
</tr>
<tr>
<td><strong>Prime Contractor</strong></td>
<td>GSA IT-70, Seaport-E</td>
</tr>
<tr>
<td><strong>Socio Economic</strong></td>
<td>VOSB (CVE Certified)</td>
</tr>
<tr>
<td><strong>Subcontracts</strong></td>
<td>ITES-3S, Alliant, DHS Eagle II, Encore II, DLA JETS, DIA E-SITE</td>
</tr>
<tr>
<td><strong>DUNS</strong></td>
<td>09-699-2578</td>
</tr>
<tr>
<td><strong>FEIN</strong></td>
<td>54-2013951</td>
</tr>
<tr>
<td><strong>Company Certs</strong></td>
<td>VOSB, ISO 9001:2015, CMMI-DEV and CMMI-SVC ML3</td>
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</tbody>
</table>
CAPABILITIES BRIEFING

CORESYS CAPABILITIES

Software/Systems Development
- Open Source Solutions
- Custom Application Development
- Enterprise Development (Java JEE, .NET, PowerBuilder, Oracle, C#, Cobol, etc)
- Mobile Application Development
- Enterprise Application Integration (EAI)
- Application Transformation and Modernization (ATM)
- Solution Architecture
- Data Warehousing and Database Management
- Service Oriented Architecture (SOA)
- Software Sustainment/Maintenance

Professional Services
- IT Staff Augmentation
- Human Resource Management Systems (HRMS)
- DoD Promotion Lifecycle
- Business Intelligence / Business Analytics
- Business Process / Requirements Analysis
- Enterprise Architecture (EA)
- PMO Support
- OCIO Support
- Project Planning and Project Management
- Quality Assurance, IV&V and Testing
- IT Governance
- Process Transformation

Infrastructure
- Cyber Security and Information Assurance (IA)
- Enterprise Service Bus (ESB)
- XaaS
- Production and Operational Support
- Systems Engineering and Administration (Unix and Windows)
- Cloud Computing
- Mainframe Systems and Application Administration
CORPORATE COMMITMENT TO QUALITY

- As a CMMI Maturity Level 3 appraised and an ISO 9001:2015 certified company, we demonstrate our commitment to quality, operational excellence, and continuous improvement.
- Our experienced management team and operationally disciplined corporate staff minimizes administrative overhead.
- We have a DCAA approved accounting system, CPA reviewed financials, and an established line of credit.

QUALITY PEOPLE

- Our people are our most valued resource. 97% of our employees would recommend CoreSys to a friend or family.
- We have a certified staff with deep technical experience in a variety of environments, programming languages, development methodologies and a full IT stack.
- 100% of our employees hold one or more relevant professional certifications (IAW DoDD 8140).
- We hire top talent and provide the support to maximize their potential.
- Our employees receive consistent unsolicited recognition from our customers.

CLIENT CENTRIC APPROACHES

- We focus on understanding our client’s issues and delivering the right technical solution leading to meaningful bottom-line results and the creation of enduring value.
- We possess expertise in current and relevant IT trends such as DevOps, application modernization, cloud computing (XaaS), and big data analytics.
- We focus on “smart” practices and innovations to create value and drive efficiencies for our customers.
- We understand one development methodology does not fit all situations.
- 94% of our employees believe in the Mission of their Project.
<table>
<thead>
<tr>
<th>CAPABILITIES BRIEFING</th>
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<tbody>
<tr>
<td>WE “MAKE IT WORK” THROUGH…</td>
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<table>
<thead>
<tr>
<th>AGILITY</th>
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</thead>
<tbody>
<tr>
<td>• Good design principles and practices that enhance our agility from the start.</td>
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<tr>
<td>• Early and continuous delivery of working software that the customer values.</td>
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<tr>
<td>• Customer collaboration throughout the duration of the project.</td>
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<tr>
<td>• Building projects around motivated individuals.</td>
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<tr>
<td>• Continuous feedback mechanisms to enable team reflection on how to become more effective.</td>
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<table>
<thead>
<tr>
<th>FOCUS</th>
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<tbody>
<tr>
<td>• Focusing on the business problem / customer issue not the tools and technologies used.</td>
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<tr>
<td>• Understanding IT should help solve business problems and challenges and not become one.</td>
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<tr>
<td>• Focus on Cost, Schedule and Performance – after all it is still a project with constraints that must be managed.</td>
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<tr>
<td>• Proper prioritization -- if everything is a priority then nothing is a priority.</td>
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<thead>
<tr>
<th>BEST PRACTICES</th>
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<tbody>
<tr>
<td>• Excellence in Project Management using the most current systems development methods.</td>
</tr>
<tr>
<td>• Applying the most appropriate SDLC methodology to each engagement. We use an internal process for evaluating appropriateness of methodology (i.e. Agile vs. Waterfall).</td>
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<tr>
<td>• Leveraging best practices from our Maturity Level 3 accredited CMMI-DEV and CMMI-SVC+SSD Process Asset Library (PAL)</td>
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<th>SECURITY</th>
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<tbody>
<tr>
<td>• Security as a mindset, not a check-in-the-box.</td>
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<tr>
<td>• Making IA and Cyber Security an integral design component in all systems we build for our clients -- not just mission essential systems.</td>
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<tr>
<td>• Providing a DoD 8570 certified workforce.</td>
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<tr>
<td>• Transparency obtained with an open source product focus.</td>
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<tr>
<td>CUSTOMER</td>
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</table>
| Army Human Resources Command (AHRC) | • Open Source Solutions  
• Enterprise Application Development (utilizing Java, .NET, PowerBuilder, C#, Oracle, Cobol, etc.)  
• Application Transformation and Modernization (ATM)  
• Solutions Architecture  
• Enterprise Architecture  
• Service Oriented Architecture (SOA)  
• Data Warehousing and Database Management  
• Software Sustainment / Maintenance  
• Production and Operation Support  
• Business Process / Requirements Analysis  
• Project Planning and Project Management  
• DoD Human Resource Management System (HRMS) Expertise  
• Code Scanning and Remediation (Fortify) – Cyber RMF activities  
• Mainframe Systems and Application Administration  
• Cloud Computing (Azure, AWS, private)  
• Enterprise Application Integration (EAI)  
• Enterprise Service Bus (ESB) |

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<thead>
<tr>
<th>CUSTOMER</th>
<th>SERVICES PROVIDED</th>
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| PEO EIS - Integrated Personnel and Pay System – Army (IPPS-A) | • Oracle PeopleSoft ERP  
• Oracle OBIEE Application Development and Administration  
• Army Human Resource Systems (HRMS) Subject Matter Expertise  
• DoD Finance Subject Matter Expertise  
• Quality and program metrics monitoring |

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| ARMY G-3/5/7, Command and Control Support Agency (CCSA) | • Systems Engineering and Administration (Windows and RHEL)  
• Network support and Data Center Support  
• Service Desk and Desktop support |

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<thead>
<tr>
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</table>
| PEO EIS - Navy Next Generation Enterprise Network (NGEN) Transport and Enterprise Services | • Cyber Security Engineering support – Risk Management Framework (RMF)  
• Enterprise Service Desk support  
• IT Operations Support  
• Voice Communications |

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</table>
| USASOC - Military Information Support Operations (MISO) Program Office | • Conducted a study of the MISO Global connectivity capability and identified potential future gaps.  
• Determined gaps in existing capability and developed a CONOPS with appropriate network architecture for future state of MISO network architecture.  
• Delivered a detailed paper of the analysis and recommended courses of action |

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| Army Geospatial Center | • Cyber Security – Risk Management Framework (RMF)  
• Work to certify a cloud enclave by getting an Authority to Operate (ATO) |

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</table>
| Marine Corps Enterprise Information Technology Services (MCEITS) | • Database Administration  
• System Engineering and Administration  
• Configuration Management  
• IT Technical Writing |
CAPABILITIES BRIEFING
PAST PERFORMANCE EXAMPLE

ARMY SELECTION BOARD SYSTEM (ASBS)

Client Challenge
• Headquarters Department of the Army – G1 responsible for Centralized Selection Board (Executed through the DA Secretariat under Army Human Resources Command)
• Process governed by law (Title X), Department of the Army regulations, and policies
• Boards were executed via hardcopy and microfiche Records
• Large support staff required to execute the process
• Excess handling of paperwork and opportunities for rework and/or incomplete or inaccurate board files

Project Results
• Web Service architecture allows for system changes without impacting interface systems
• After successful implementation for Officer Selection Boards, system was deployed for Reserve, Enlisted and NG boards
• DoD Benchmark system – selected to run 1st Joint Board
• 83% Reduction in board technician support staff
• Travel Budgets dramatically reduced by speeding up the process – leaders spend less time away from organizations
• With enhancements, such as myBoardFile, candidates can view, verify and have complete faith in their file

Our Approach
• Close collaborate with customer throughout the process
• Application designed in distinct modules to enable incremental rollout and allow for change management to shift from hardcopy to fully digitized board files
• Leveraged web services to access personnel data from numerous disparate sources
• SOA approach enabled a level of abstraction from the underlying complexities, design, platform, etc. of interfacing systems

Technologies/ Tools used

<table>
<thead>
<tr>
<th>Java</th>
<th>J2EE</th>
<th>Jboss</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>Struts</td>
<td>Maven</td>
</tr>
<tr>
<td>Swing</td>
<td>SOAP</td>
<td>SVN</td>
</tr>
<tr>
<td>Ant</td>
<td>Oracle</td>
<td>Oracle BI</td>
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www.coresysconsulting.com
J8 “Forces For” is a suite of software tools designed to assist J8 Forces Division in performing global force management. Forces For would be the first consumer of the Global Forces Management Data Initiative (GFMDI) – a standardized format for exchanging force structure data within the Department of Defense.

**Client Challenge**

- The Joint Staff required an application to meet requirements defined in Title 10 U.S.C. and the Unified Command Plan for the Global Force Management Data – Data Initiative (GFM-DI)
- Represented a Next Steps initiative using GFM-DI Organization Server capability to provide a tool for the Joint Staff, J8, Forces Division to automate its forces for Unified Commands Memorandum (commonly referred to as “Forces For”) process

**Project Results**

- Successfully configured JIRA COTS product to reflect the terminology and workflow process employed by DoD
- Developed AGT using open source products to meet key government objective to minimize the cost of software licenses
- Procured, installed, and maintained servers as well as open source operating system via AWS Cloud and ensured all applications complied with STIG requirements.

**Our Approach**

- Automated Global Force Management Tool (AGT) - custom Java application developed using the Google Web Toolkit and a My-SQL database within the Agile SDLC framework
- Collaborative Issue Resolution Tool (CIRT) - based on an open source tool, JIRA, used throughout industry to collaborate on the identification, management, and resolution of issues within a software application.
- This capability is highly analogous to the issue resolution process Forces Division executes annually in coordination with the Combatant Commands to develop the GFMI/G

**Technologies/ Tools used**

- Java
- JIRA
- PKI
- Maven
- Hudson
- Nexus
- Subversion
- Amazon AWS
- GWT
- Google Maps
- JPA
- My-SQL

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PAST PERFORMANCE EXAMPLE

Integrated Personnel Electronic Records Management System (iPERMS)

Client Challenge
- iPERMS development initiative established to integrate systems developed for the Army, Army Reserves, and Army National Guard
- Requirement to provide electronic records management of Official Military Personnel Files (OMPF) for soldiers across all three Army components
- Serve as the soldier record repository, supplying official records for all Army component promotion boards
- Critical to understanding the problem was the sharing of data from authoritative data sources.
- Organization fell under Base Realignment and Closure (BRAC) requiring the entire operations to consolidate and relocate

Project Results
- Provides senior Army leaders efficient access to the records of all active-duty, reserves, and guardsmen
- Speeds troop deployment and personnel management
- iPERMS compliant with DoD 5015.2
- Completed successful BRAC related data center move and rebuild of production and test environments
- Updated system architecture to eliminate single points of failure and transform into a highly available environment
- Our team on this task manages - 105 servers (to include COOP and National Guard Bureau), 330 million images
- 48 Terabytes of storage

Our Approach
- Design approach required integration of large systems to provide information in a secure, responsive, reliable, cost-effective, and sustainable manner
- Incorporated Web Service interfaces in the design that enable links to selection board system, Soldier Management System, and Defense Personnel Records Image Retrieval System
- Secured servers IAW DISA STIG requirements
- BRAC move and ground up redesign required close interaction with many different team members, including development, database, test, and management personnel.

Technologies/ Tools used

<table>
<thead>
<tr>
<th>Solaris</th>
<th>RedHat</th>
<th>Java</th>
</tr>
</thead>
<tbody>
<tr>
<td>J2EE</td>
<td>WebLogic</td>
<td>Oracle</td>
</tr>
<tr>
<td>FogLight</td>
<td>SOAP</td>
<td>Apache</td>
</tr>
</tbody>
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CONTACT INFORMATION

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