RPICS

Professional Services Capabilities Statement

RPI-CS, Inc. is a trusted, proven, and highly experienced professional services provider for commercial and public sector environments on the federal, state, and local levels. We specialize in cloud and on-premises enterprise software, engineered systems, hardware, and information technology services for vendors, resellers, distributors, large system integrators, and the government. Our elite group of engineering and IT consulting experts offer the widest range of skills and services among our competitors while remaining completely vendor neutral.

We create solutions that promote the most effective computing environment for our clients.

With a passionate drive to embrace new technologies, the trusted professionals at RPI continually live up to their industry reputation; we combine vendors and their clients to design solutions that enhance company productivity, produce measurable results, and deliver long-term manageability.

Our professional services specialize in custom software, DevSecOps, CI/CD pipeline development, systems engineering, high performance computing, storage, and data life cycle management services. Our consultants have an average of 20 years of expertise in architecture, integration, and maintenance of mission critical systems.

RPI is a Service-Disabled Veteran-Owned Small Business, California SB-#2003226.

RPI's subject matter expertise includes (but is not limited to):

PROGRAM MANAGEMENT

- Program Management Office
- Release Planning
- Change Control
- Systems Planning & Research
- Proposal Development (ECPs & Price Estimations)
- Strategic & Capital Planning

SPECIALTY SOLUTIONS AREAS

- Data Management/Storage Infrastructure
- High Performance IO
- Large Scale SAN and Converged Networks
- Datacenter and Desktop Virtualization
- Disaster Recovery / Business Continuity
- Performance Analysis, Reporting and Tuning
- Host and Data Migration / Virtualization
- Oracle High Availability Cluster
- Oracle/STK Virtual Tape Library
- HP Server Automation

IT OPERATIONS AND MAINTENANCE

- Deployment & Training
- Datacenter Design & Build-out
- Operations Assessment & Evaluations
- Systems & Network Administration
- Hardware Installs & Upgrades
- Cybersecurity Administration

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SOFTWARE DEVELOPMENT

- Project Management
- Independent Assessments & Evaluations
- Information & IT Architectures
- Proof of Concepts & Prototyping
- Requirements Analysis
- Design, Development, & Testing
- Documentation

IT ARCHITECTURE AND FRAMEWORKS

- Enterprise Architecture Planning
- DOD Architecture Framework (DODAF)
- Federal Enterprise Architectural Framework (FEAF)
- Common Operating Picture Architecture
- Service Orientated Architecture (SOA)

TECHNOLOGIES

LANGUAGES: Java, JavaScript, Python, C/C++, Perl, XML, Tcl, Fortran

MIDDLEWARE: Oracle Fusion, Oracle Service Bus, Oracle SOA Suite, SOAP, Spring, MVC, Hibernate ORM, OpenShift Container Platform, Apache Spark, Hadoop (entire ecosystem)

DATABASES: MS SQL Server, MySQL (and variants), Oracle, Oracle RAC and Sybase

OPERATING SYSTEMS: AIX, HP-UX, IRIX, Linux, Mac OS X, MS Windows, OpenVMS, Solaris

CLOUD/VIRTUALIZATION: AWS, Azure, Citrix, Google, Kubernetes (k8s), Docker, Rancher, Hyper-V, LPARs, OpenStack, OpenShift, Oracle VM Server, Oracle Containers, VMware

SHARED FILE SYSTEMS: CVxFS, GFS, GPFS, Lustre, PANfs, StorNext, Weka, WOS, HSM, Versity

FEDERATED FILE SYSTEMS: All5/DeepSpace FS Federation

HIERARCHICAL STORAGE MANAGERS: (HSM): All5/DeepSpace HSM, SAMfs, StorNext, Storage Manager, Tivoli

FILE SYSTEMS: btrfs, GlusterFS, Linux (ext2, ext3, ext4), LTO's LTFS, MAC (HPFS), MS (FAT, NTFS), MVS, Sun (VxFS, ZFS, UFS), Weka, XFS, ZFS

CLUSTERING/HIGH AVAILIBILITY: MS Cluster Server, Oracle, Veritas, RHEL Cluster Suite

SERVER HARDWARE: Apple, Cisco, Dell/EMC, HP, IBM, Mercury Systems, Oracle, and Super Micro

MAINFRAME: IBM and HP

NETWORK HARDWARE (LAN/SAN): Brocade, Checkpoint, Cisco, Codex, F5, Juniper, Lucent, Marconi, Mellanox(Nvidia), NEC, Nortel, PairGain (ADC), QLogic

STORAGE HARDWARE (DISK/TAPE): DDN, DotHill(Seagate), Dell/EMC, Hitachi, HP, IBM, NetApp, Nexsan, Oracle (Sun/STK), Panasas, Quantum (ADIC)

DATA PROTECTION: Veritas (Backup Exec, Enterprise Vault & NetBackup), CommVault Simpana, Tivoli Storage Manager and EMC (Legato) Networker

IDENTITY MANAGEMENT: LDAP, MS Active Directory, Oracle (Sun) Identity Manager and Directory Server

IT AUTOMATION SOFTWARE: Ansible, Cobbler, Linux Kickstart, Puppet, Oracle Jumpstart, Salt, HashiCorp Terraform/Packer/Vault