

## Senior Systems Engineer, Programmer and Architect

As a consultant, Mr. Greer was recruited by IBM Project Executive who created a core team of IBM employees to relocate the USDA National Finance Center's production data center and establish a resilient backup data center. During this 3.5 year assignment, Mr. Greer owned and led the mission critical Mainframe platform and was responsible for hardware, software, storage (DASD, Tape, Silo, and VTS), continuity and recovery. Mr. Greer designed, implemented and supported a double Data center move when a major hurricane forced the Agency to relocate to their DR vendor.

Mr. Greer delivered:

- a fiscally sound backup environment which provided adequate resources to support recovery efforts in the event of a disaster event while containing costs
- the relocated production environment which can handle significant processing capacity fluctuations
- the migration requirements between these two data centers which include highly available processing with cost containment, built within the BIA RTOs and RPOs

Mr. Greer is an accomplished, proactive IT leader with successful experience building and leading cohesive teams to achieve project objectives in extreme conditions and difficult situations. He is a customer-focused manager and technician committed to building corporate success by identifying and capitalizing on business opportunities.

Mr. Greer's extensive knowledge of information and network issues includes designing and managing technical solutions, including: IT system security, business continuity and disaster recovery; data center design; network operations, maintenance, design and installation; software, database and Web development; life-cycle, logistics, and program management support.

## Notable Experience

- Designs Data Centers for disaster recovery and operations, establishing the required support infrastructure for the enterprise in the most cost effective manner, including operating system management and programming, application development and programming, security and risk management, change and problem management, telecommunications infrastructure, and technology refresh planning and implementation.
- Data Center Operations and Support, Data Migration and Data Replication Subject Matter Expert. Develops rules of engagement, work plans, implementation guides, support procedures and training manuals for contracts pending and in process. Writes proposals, Technical procedures and mentors junior analysts.
- Owns a Small Business specifically established to create software and provide services for Business Continuity strategic development, management, control and automation. Developed a suite of management software products that can discover, monitor, report, and control physical and logical elements within data center infrastructure, taking much of the manual labor - and cost - out of the process.
- Established the Business Continuity Program Office as a Director at Merrill Lynch. Mr. Greer planned, created and managed an \$86M Business Continuity Program Office, responsible to establish critical recovery time and point objectives and recoverability for two 24/7 dual sysplex'd data centers.
- Owned all Business Continuity hardware and software products as the Director of Business Continuity Solutions for Hitachi Data Systems. Was responsible for HXRC, HRC, HARC, NanoCopy and associated DASD devices.

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## Expertise:

- Highly effective business and technical **Communicator** across organizational levels
- Savvy **Negotiator** and **Mediator**, able to identify value for all parties to drive agreement
- Expert business and technical **Problem Solver**, specializing in the myriad of storage and replication specialties, including XRC, VTS PtP and SRDF
- **Innovation Leader**, providing leading edge, economically compelling solutions to mature Information Technology clients for more than 30 years
- Knowledgeable **Trusted Advisor**, leading I/T teams to performance success across the system management disciplines.
- To ensure the availability and resiliency of your core business functions, Mr. Greer **leverages** his **deep relationships** across the industry (IBM, EMC, HDS, Brocade).
- Mr. Greer excels in ascertaining your business' real requirements, how to **integrate** disparate hardware and software, who to call and what to change in order to **reduce your TCO** / Operating Costs, while meeting or exceeding your objectives.

## Recent Engagements:

### USDA, National Finance Center

- Designed, established and supported a new recovery data center in response to Hurricane Katrina displacement. Results included establishment of a secure 10,000 sq ft data center within a DR vendors facility, operational management procedure development and dedicated equipment procurement, installation and validation which included IBM z-Series processors, DS8300s, Virtual Tape Servers, STK tape Silos and a complex secure network infrastructure to support the electronic tape and disk replication.
- Designed, established and supported a new production data center into a government-owned facility with the same infrastructure as the interim data center.
- Developed a cost effective DR migration strategy between the two facilities, located 1,800 miles apart.
- Managed and executed the data center migration with zero production impact. Designed and implemented a mainframe data replication solution to protect and migrate data between the two new data centers:
  - Designed and implemented VTS Peer-to-Peer (PtP) for over 500,000 virtual volumes.
  - Designed and implemented XRC for 21 TB+
  - Results included workload analysis, data throughput analysis, business case analysis and development, system and network design, integration and migration planning.

## Technology Skills:

### OS / DBMSs:

zOS, OS/390, MVS, z/VM, Windows (Vista, XP, 2000, NT, Me, 98, 95), OS/2, DOS, VSE, DB2, IMS, CICS, IDMS, SAP, UNIX/AIX, Sun Solaris, Oracle, Sybase, Adabas

### Program Products:

JES2, JES3, SMP, DFSMS, DFSMSHsm, RMM, OPC, RACF, TopSecret, CA-ACF2, VSAM, NCP, VTAM, CA1, CA7, CA11

### Recovery/Automation:

XRC, SRDF, PPRC, RRDF, IMS Online Recovery Service (IMSRSR), IXFP/Snapshot, ABARS, DFSMSdss (DFDSS), DSF, FDR/ABR, HSC, BMC, Veritas BackupExec, NetBackup, VolumeManager, CNT, InRange, McData, Brocade, LDRPS

### Languages and Frameworks:

Web: C/C++, JavaScript, XML, HTML, DHTML  
zOS: Assembler, CLIST, REXX, JCL, HCD, IOCP  
PC: Visual Basic, REXX  
VM: REXX, EXEC2