

# R. Douglas Clark

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## **Enterprise Architect ~ Solution Architect**

*Business, Security, Integration & Data Architectures  
Hardware & Software Planning ~ Business Process Management*

Skilled Professional with more than forty years' experience in the technology field with proven ability to plan, design, develop, procure, test, and deploy technology-based secure solutions of multi-tier networked systems and software products. Consult on security policy development, system access control, administration, security best practices, and regulatory compliance. A leader able to implement solutions with a flexible approach, build relationships through strong communication skills and to enable program success through project management excellence.

## **Professional Experience**

IT CENTRAL, LC., Kansas City, Missouri 2015 – Present  
*A information technology consulting firm and managed services provider involved in project management, hardware, software, network and AI support services.*

### ***Managing Partner***

- Oversee operations and budgetary control.
- Solution Architect for client/server business solutions.
- Security Analyst for client/server business solutions.
- Network Engineer, architect CISCO WAN, LAN, and WLAN networks
- Systems Engineer, design and implementing client/server solutions.

### ***Accomplishments***

- Maintain secure partitioned county network with redundant internet connections, wireless access, and firewall security management.
- Design and Deliver Managed Services for Servers, Workstations, Networks, and Printers.
- Design and Implement FTC, PCI and HIPPA Compliant Networks and Systems
- Designed and Implemented 150 seat call center, migrating 5 companies into a single location

RD CLARK ASSOCIATES, INC., Kansas City, Missouri 1996 – 2015  
*A information technology consulting firm involved in project management, hardware, software and network support services.*

### ***Managing Partner***

- Oversee operations and budgetary control, reporting to the management committee.
- Solution Architect for small business client/server business solutions.
- Security Analyst for small business client/server business solutions.
- Network Engineer, implementing CISCO WAN, LAN, and WLAN networks
- Systems Engineer, implementing small business client/server solutions.

### ***Accomplishments***

- Designed and implemented secure partitioned county network with redundant internet connections, wireless access, and firewall security management.
- Designed and implemented a CISCO MPLS network for nine banks with twenty-two locations. Designed and implemented a Microsoft Domain infrastructure, firewall and security management policies to support Federal and State Regulatory requirements.
- Developed and implemented IT Resource Plans, Disaster Recovery Plans, Security Administration, Server Patch Controls and Operations Plans, for Windows and UNIX based clients.
- Co-author and editor of the Sprint Integrated Systems Solutions Enterprise Bridging Architecture for the Long Distance Division.
- Developed the requirements and specifications for the Sprint Network Application Programming Interface (API) project to allow secure access for customer Internet applications to corporate online data stores using SOAP and XML protocols, BEA WebLogic Servers, and MQ Series Messaging.
- Developed and Delivered classroom education for IBM Education; Courses include Operations and Automated Operations of IBM Parallel Sysplex Systems, and UNIX integration within IBM Parallel Sysplex.

ICONIX CORPORATION, Tampa, Florida

1990 – 1999

*Develops flight simulation process control software for flight training devices and full motion flight simulators for both commercial and military instructor operator control implementations.*

### ***President***

- Oversee marketing, business strategies, budgetary control, and product planning reporting to the management committee.
- Solution Architect and software engineer.

### ***Accomplishments***

- Developed multiple workstation conceptual architecture for a commercial of the shelf (COTS) Instructor Operator Workstation using structured and object-oriented technologies.
- Negotiated Marketing Agreements and Statements of Work with clients, including the USAF, US Navy, US Coast Guard, Northwest Airways, Pan American, Simuflite International, Opinicus Corporation, Reflectone, Raytheon, and Thomson-CSF.

INTERNATIONAL BUSINESS MACHINES, Poughkeepsie, New York

1973 - 1996

*Hardware manufacturer, software developer, and service provider for Enterprise class servers.*

### ***Senior Development Engineer***

- After several planning and programming roles, I concluded my career with IBM where I provided field support for Enterprise Server remote hardware and software operations, implementation, customization, and service delivery for the United States, Europe/Middle East, and Asia Pacific; reported to the Director of Product Engineering.

### ***Accomplishments***

- Developed and implemented remote management architectures for the Parallel Sysplex

- Authored and negotiated the completion of three Product Announcements in the United States, Europe/Middle East, and Asia Pacific.
- Developed and Maintained E-mail management extension to the IBM Professional Office System (PROFS)

## Training

Coffman Group, Professional Training

International Business Machines – Professional Education

- Information Center Management
- Technical Education Development and Delivery
- Data Center Management
- The New Rational Manager - Kepner/Tregoe
- Strategic Planning
- Systems and Network Management
- Software Engineering, IBM-Cornell Education

United Electronics Institute, Des Moines, IA Associates - Electronics

University of Missouri, Rolla, MO Ceramic Engineering

## System Skills

- **Operating Systems:** MS-DOS, Windows 3.1, 95, 98, NT 4.0, Windows 2000, Windows Server 2003/2008, Windows XP, Window 7, Novell Netware, Linux, OS/2, AIX, VSE, VM, MVS, OS/390 with UNIX Services, Z/90 Parallel Sysplex, Coupling Facility, LPAR
- **Networking:** LAN, WAN, TCP/IP, DHCP, DNS, NFS, ATM, DSL, T1, VTAM, NCP, ESCON
- **Security:** Firewalls, Routers, Switches, Anti-virus and Spy-ware systems, Active Directory, LDAP, Tivoli Access, RACF, ACF2
- **Network Application Software:** MS SQL 7.0 & 2000, MS Exchange, DL/I, SQL/DS, IMS DB/DC, CICS, Netview, HCD, NJE, RJE, MQ Series
- **Programming Languages:** Assembler, COBOL, DCF Script/GML, JCL, REXX, VM/AS, “C”, Unix Shell Scripts, Visual Basic, VB Scripts, Access, Lotus Notes
- **Web:** IIS, Apache, Macromedia, WebSphere, HTML, PHP
- **Modeling Tools:** IBM Rational CASEwise, Computas METIS