

Robert Cox

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Career Objectives

Leverage extensive technical and management experience to help drive the success of businesses, by designing, implementing, and supporting effective and highly available network infrastructures that enable users' access to needed services and applications.

Experience Summary

- ? Extensive experience in WAN/LAN network assessment, design, and implementation. Network infrastructures that support IP, SNA/DLSw, and IPX protocols, as well as a mix of data, voice (VOIP and IP Telephony), interactive video conferencing, and streaming video.
- ? Project management of major network design and implementation projects. Responsible for equipment and circuit specifications and ordering, and act as the primary interface with the carriers and equipment suppliers.
- ? Direct management of network consultants.
- ? Consistently high performer, frequent promotions, and numerous leadership and outstanding performance awards.

Major Recent Accomplishments

- ✍ Design and implement several WAN/frame relay networks supporting a mixture of data, VOIP/IP telephony, and IP video conferencing and streaming IP multicast video. Appropriate QoS and traffic shaping techniques implemented to insure proper video/voice service, and GateKeep to control registration and session permission.
- ✍ Design and implement several high capacity, fault tolerant TCP/IP, TN3270, and redundant SNA network infrastructures between the users and the central site IBM mainframes via multiple Cisco 75xx/72xx core routers with CIPs (Channel Interface Processor).
- ✍ Major accounts Systems Engineer. Technical support for the sale of equipment (Cisco, Paradyne, Adtran, Inrange, and others) and carrier services that included requirement definition, equipment configuration, equipment/circuit ordering, first level technical support, and associated training.
- ✍ Manager of Technical Network Consulting Resources. Responsibilities included direct management of the consultants, project manage the technical service teams performing major projects, and participate as part of the senior management team.

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Major Recent Accomplishments - Technical Highlights

WAN/LAN Network Implementation

- ? Perform 'hands-on' configuration and installation of WAN/DCE equipment, LAN switches, routers, etc. for the new networks. Function as the primary interface to the carriers and equipment suppliers for ordering and provisioning new circuits and equipment, provide technical support, and manage remote site installation teams.
- ? Enable WAN/LAN networks to support VOIP (voice over IP), CIPT (Cisco IP telephony), SNA/DLSw, IP interactive video conferencing, and IP streaming video.
- ? Topologies deployed include: standard hub and spoke, two tiered hub and spoke, fully/partially meshed, redundant circuits/PVCs and DDR switched backup, and redundant IP core infrastructures including the use of Cisco Local Directors.
- ? WAN technologies include: Point-to-point and multipoint DDS; T1 and T3 circuits for integrated data/voice network services access; T1 and T3 point-to-point circuits as dedicated network trunks; aggregated N X T1 trunks; Frame relay; ISDN; analog, leased and dial circuits; and experience with multiple IXC and LEC network carriers.

Job Highlights and Education

RACE Consulting, LLC. 2002 to current – Network Consultant

WAN/LAN network consulting services. Network infrastructure assessment, design, implementation, and documentation.

Network Data Systems, 1997-2002 – Network Consultant and Technical Projects Manager

WAN/LAN networking focused systems integrator and consulting services firm.

TechForce, 1994-1997 – Director of Network Consulting Services

WAN/LAN networking focused systems integrator, network monitoring, and equipment maintenance. Company revenue grew from \$8 million to over \$60 million during my employment.

Paradyne/ AT&T Paradyne, 1981-1994 – Systems Engineer and Product Line Manager

CPE equipment division, ATT. Major manufacturer of telecommunications equipment.

Cincom Systems, 1977-1981 – Senior Programmer/analyst and Project Manager

System software firm, IBM mainframe system software development.

Central Trust Bank, 1974-1977 – Software Programmer/Analyst

IBM mainframe applications

Education:

University of Kentucky

Asbury College, BA Mathematics

Vanderbilt University, postgraduate Ph.D. program, mathematics