

# Philip Eric Anderson

4971 Ayers Road  
Macon, Georgia 31210  
E-mail: Philip\_Eric\_Anderson@cox.net  
Mobile: (478) 390-5763

## Summary:

Senior level Information Technology professional with over 20 years of experience providing effective solutions in networking, user support, system administration, and software development.

## Employment History:

### Anderson Technical Consulting, Incorporated, Macon, Georgia

CEO

(November 2000 - Present)

Provided networking and IT services to various clients. Signed contracts with clients such as Charter Behavioral Health Systems, L.L.C. and Group Practice Affiliates, Inc. to provide network consulting services.

### Cox Communications, Macon, Georgia

Data Network Engineer

(November 2002 - June 2007)

Designed, recommended, and supported primarily voice and data networking solutions to over 30,000 customers, both business and residential at the local level. Major accomplishments include:

- Took responsibility for the redesign, installation, configuration, upgrading and troubleshooting of the SONET MAN in Middle Georgia. Was instrumental in roughly quadrupling both the number of sites and available bandwidth.
- Worked with the Business Services and Fiber Infrastructure teams to design and implement a PON solution (Terawave BPON) to service Business Services customers. Was responsible for the configuration, management, and troubleshooting of this solution. Worked with the Fiber Infrastructure team to optimize this solution to minimize fiber usage.
- Was a key member of the team that launched telephony (VoIP based) to customers in Middle Georgia. Worked on the redesign of the network infrastructure, upgraded the SONET MAN, replaced the main Riverstone Layer 3 Switch with redundant Juniper routers, supported the CMTS upgrades, and configured equipment at the co-location sites. Assisted in troubleshooting and testing of both the VoIP and TDM portions of the product.
- Worked with vendors and corporate personnel to launch the first MPLS circuit to a Cox Spur system. Contributed to many refinements in the initial setup and design.
- Participated on teams responsible for testing various new technologies including T1 over HFC, CableHome, NetComplete, and high capacity circuits over DOCSIS.
- Designed and implemented last-mile solutions (from DS-1 to OC-12) provided for carriers in Middle Georgia.
- Developed detailed installation procedures for Business Service field personnel.
- Designed and implemented a secure, manageable, multi-protocol, multi-carrier network for a major customer.
- Supported the data (both L2 and IP), VoIP, and IP Video networks used to provide services to Cox customers. This included Routers, CMTS, and Layer 3 Switches from multiple vendors and CPE equipment including DOCSIS modems and eMTA's. Also supported products for data transport, testing, and measurement as well as providing customer network support.

## Charter Behavioral Health Systems, Macon, Georgia

Senior Data Telecommunications Analyst

(August 1999 - October 2000)

Senior Technical Consultant

(October 1994 - August 1999)

Came to work with Charter in association with the sale of a substantial portion of the assets of National Medical Enterprises. Title changed in 1999 to reflect cumulative changes in job responsibilities. Responsibilities included:

- Designing, managing, and troubleshooting the entire multi-protocol WAN, consisting of as many as 128 sites across the United States. Shared responsibility for the LAN infrastructure. Supervised the WAN team.
- Cut recurring costs in several areas of the network. This included implementing single local loops at selected sites for both data and voice access, and migrating the Frame Relay network from one vendor to another, resulting in a estimated 20% cost savings.
- Designed and implemented several network changes that improved network reliability, usability, maintainability, and performance. These included such things as implementing DHCP, DNS, and routing protocol changes. In the case of one network protocol, changes made reduced that protocol's WAN traffic by about 95%, resulting in more than a doubling of measured throughput.
- Provided all support for Digital Equipment Corporation products to both corporate and 33 remote hospitals. Reconfigured SNA Gateway to nearly eliminate connection pauses of up to 2 minutes. Developed a Wang 2110 Terminal Emulator to improve Wang access for VMS users.
- Provided Technical Support for many other systems. This included printing and connectivity issues for nearly all platforms.

## National Medical Enterprises, Incorporated, Fairfax, Virginia

Senior Systems Configuration Specialist

(June 1993 - October 1994)

Provided Systems Configuration and Technical Support to as many as 54 remote computer systems. Responsibilities included:

- Maintained and monitored software that performed automated operations between remote sites and corporate. Developed enhancements that saved over 5 man-hours per week.
- Performed database repairs on corrupt databases.
- Configured and managed VMS software at remote facilities.

## Systemx, Incorporated, Beltsville, Maryland

Consultant

(September 1983 - June 1993)

Provided a wide range of computer services to a number of clients including:

- Systems Management and related support services, usually in the VMS or PDP-11 environment. Supervised the Systems Management team at Systemx.
- Market surveys and recommendations on a wide range of hardware and software products.
- Security analysis, performance analysis, and resource allocation.
- Networking projects covering a wide range of sizes and complexities.
- Developed a wide range of specialized software including networked and real time products.

## Education:

B.G.S., University of Michigan, Ann Arbor, Michigan

## **Specific Technologies Used:**

Networks - Ethernet, Token Ring, SONET, BPON, DWDM, Frame Relay, LocalTalk  
Network Protocols - IP, IPX, AppleTalk, DECnet, SNA, STUN  
Networking Protocols - RIP, IGRP, EIGRP, OSPF, BGP, MPLS, IGMP  
Network Tools - Ethereal, Sniffer, Spirent SmartBits, Anritsu/NetTest (CMA5000 and reflectors)  
Cable Specific - DOCSIS, Cablehome, PacketCable, Spectrum Analyzers, RF Meters (Acterna DSAM and Sunrise CM1000), Pathtrack, NetComplete  
SONET Equipment - Cisco ONS (15327 and 15454), Adtran (OPTI-600)  
Cisco Routers - 1600 (several), 1700 (several), 2500 (several), 2600 (several), 4000 (several), 7206  
Cisco Switches - 2900 (several), 7609  
Other Routers and L3 switches - Juniper M20, Riverstone (several), Foundry (several) HP (several), 3Com (several)  
CMTS - Cisco (7223, 7246VXR, and 10012), Terayon (BW3100 and BW3500), Scientific Atlanta BroadLAN  
Firewalls - Netscreen (several), SonicWall (several), Linksys (several), DLink (several), Belkin Wireless G  
CPE Equipment - Cable Modems (Motorola, Toshiba, Terayon, ), eMTA's (Arris and Motorola), DSL Routers (Netopia primarily), T1 NTE (HyperEdge), Fiber Media Converters (IMC Networks - extensive product list, Transition Networks, Allied Telesys), Terawave (TW300 series)  
Other Hardware - Tellabs 5500 NGX, Prisma IP, Terawave TW-600, Sorrento/Zhone GigaMux  
Network Monitoring - HP OpenView, MRTG (and various related products)  
Operating Systems - Microsoft DOS through Windows XP, Mac OS, Solaris, Linux, VMS, Wang-VS, RSX-11M (and Plus), RT-11, CPM  
Programming Languages - Assembly (for several machines), Fortran, Cobol, Pascal, MUMPS, Ada