



## AMS Instructor/Consultant Data Sheet

**AMS 4160**

This CCSI and consultant has **27+** years of data / telecommunications industry experience with hands on CISCO product and classroom instructor led teaching experience. Specific areas of expertise are:

- IP Voice Network design (Toll Bypass and CIPT networks)
- Local Area Networks (VPNs, Ethernet, Token Ring, FDDI - Bridging, Routing, and Switching)
- MANs and WANS (T1, T3, ATM, Frame Relay, X.25, PPP, SONET)
- Design and Implementation of Global Data Networks for Multi-national Corporations
- Integration of LAN/WAN networks
- Inter-network design and analysis using BGP, OSPF, EIGRP, IGRP, ISIS, and RIP routing protocols
- Analysis, design and implementation of LAN, MAN, and WAN networks. (ISDN, Frame Relay, X.25, SMDS, T1, T3, SONET, FDDI, Ethernet, PPP, HDLC, TCP/IP, IBM SNA )
- Design and implementation of integrated voice and data systems integrating satellite, cellular, and terrestrial facilities.
- Evaluation and selection of network hardware, services and facilities.

**Certifications:**

- **Cisco Certified Network Associate (CCNA)**
- **Cisco Certified Network Professional (CCNP)**
- **Cisco Certified Systems Instructor (CCSI)**

**PRODUCT SKILLS & CERTIFICATIONS:**

VC	Course	Course Description
CI	BCMSN	Building Cisco Multi Layer Switched Networks
CI	BCRAN	Building Cisco Remote Access Networks
CI	BSCI	Building Scalable Cisco Internetworks
CI	BSCN	Building Scalable Cisco Networks
CI	CBGP	Configuring BGP on Cisco Routers
CI	CCDA	Cisco Certified Design Associate Boot Camp
CI	CCDP	Cisco Certified Design Professional, BSCI, BCMSN, ARCH
CI	CCNA	Cisco Certified Network Associate BootCamp
CI	CCNP	Cisco Certified Network Professional, BSCI, BCMSN, BCRAN, CIT BootCamp
CI	CCSI	Cisco Certified Systems Instructor
CI	CIPT	Cisco IP Telephony
CI	CIT	Cisco Internetwork Troubleshooting Support
CI	CVOICE	Cisco Voice over IP
CI	GWGK	Implementing Cisco Voice Gateways and Gatekeepers
CI	ICND	Interconnecting Cisco Network Devices
CI	ICND-2	Cisco ICND Part 2
CI	INTRO	Introduction to CISCO Networking Technologies (INTRO) v1.0a
CI	IPTT	IP Telephony Troubleshooting
CI	ISCW	Implementing Secure Converged Wide Area Networks
CI	MPLS	Implementing Cisco MPLS
CI	OEBGP	Optimizing Enterprise BGP Networks w/MPLS Providers
CI	ONT	Optimized Converged Cisco Networks
PG	CISCO	CISCO Certification Training

## **WORK EXPERIENCE:**

**1986 – Present**

**Consultant**

- Independent data and telecommunications engineering, education, and consulting which specializes in Local and Wide Area Network engineering and integration.
- Primary areas of emphasis are the design and implementation of solutions to support inter-company and intra-company networking requirements using Cisco products in a local area networking environment, inter-company communications using BGP, and conducting Cisco certified education.
- Primary activity is conducting authorized Cisco training. (TPSS is a Sponsored Organization of Element K, which allows TPSS to conduct authorized Cisco Training Classes.)
- CCSI (97155) is currently active.
- Cisco classes presented in a classroom or e-learning environment are INTRO, ICND, BSCI, BCRAN, BCMSN, CIT, BGP, CVoice, CIPT, and CCNA/CCNP Boot camps.
- Non-Cisco produced classes are a 5 day BGP class, 3 day OSPF, and a 2 day IS-IS class.
- These non-certified classes are presented as supplemental offerings to provide greater depth in areas that are not adequately emphasized in the standard Cisco offerings, which is required for CCIE candidates.
- Conducts instructor led training for the last eight years.
- Teaching experience in addition to presenting classes, I also was a developer of the internal BGP and OSPF CCIE training classes.
- Provides network design and implementation services to various clients through my consulting organization.
- These clients were either implementing or upgrading global and/or nationwide corporate networks.

**A partial list of consulting and/or educational clients includes:**

- Ford Aerospace
- Tech 2000
- Global Knowledge
- Air Liquide, Corporation
- American Research Group
- Houston Cellular
- Learning Tree, International
- Lockheed Martin
- Exxon Company USA
- Lucent Technologies
- Exxon Shipping Company
- Memorial Health Care Systems

**1981 – 1986**

**EXXON Company**

**Senior System Specialist**

- Responsible for the design, implementation, and optimization of the data networks. The network protocols were IBM's SNA and BiSync, and X.25. Transmission media were switched and leased terrestrial and satellite long distance facilities and X.25 networks. Transmission speeds were up to T3.
- Project Manager responsible for design and implementation of a Tech Control Center and training of support staff that supported 600 circuits, nine major data centers, and 6000 users.
- Project Manager responsible for the selection and implementation of a call back security system for the protection of dial-in access.
- Project Manager responsible for the evaluation, selection and installation of a Network Management System providing fault diagnosis, real time statistics and capacity planning data.
- Telecommunications representative to corporate steering committee which defined the strategy for Local and Wide Area Networks, network security, and disaster back-up and recovery.

**1981 – 1982**

**Telecommunications Specialist**

- Responsible for the development of network facility and equipment standards, optimization of existing facilities, and the establishment of diverse routing of internode trunk lines to minimize exposure to a catastrophic failure by a common carrier.
- Designed and implemented satellite links to Alaska, with multiple US gateway centers.
- Implemented a standard technology set of facility support hardware, improved network reliability by decreasing fault identification through the use of common diagnostic equipment, and decreased hardware costs by negotiating volume purchasing agreements.

**EDUCATION:**

University of Houston

- BSCS

Publications:

- Six CCNA, CCNP, and CCIP study guides are currently in print. These books are published by Total Recall Publications and distributed through Amazon.com

**To Hire This Instructor, Please Call 800 798-3901**