



AMS Instructor/Consultant Data Sheet

AMS 4600

This **CCSI** and **Cisco Professional** has **15+** years of combined experience as a senior network architect, product engineer, technical trainer and manager and has devoted his time to design, development, management and instruction for the follow programs; **CCIE, CCNP, CCDP, CCDA, CCNA**, as well as a **MCSE** for Microsoft.

PRODUCT SKILLS & CERTIFICATIONS:

VC	Course	Course Description
BU	COACH	Teambuilding and Coaching
BU	LEADSK	Leadership Skills
BU	TEAMB	Team Building
CI	ACRC	Advanced Cisco Router
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	CARCH	Designing Cisco Network Service Architecture
CI	CBCR	Configuring BGP on Cisco Routers
CI	CCDA	Cisco Certified Design Associate Boot Camp
CI	CCDP	Cisco Certified Design Professional, BSCI, BCMSN, ARCH
CI	CCIE	Cisco Certified Internetworking Expert - Routing and Switching I
CI	CCIE2	Cisco Certified Internetwork Expert - Routing and Switching II
CI	CCIP	CCIP Track1, BSCI, QoS, BGP, MPLS
CI	CCNP	Cisco Certified Network Professional, BSCI, BCMSN, BCRAN, CIT BootCamp
CI	CCSI	Cisco Certified Systems Instructor
CI	CIT	Cisco Internetwork Troubleshooting Support
CI	CMPLS	Implementing Cisco MPLS
CI	CVOICE	Cisco Voice over IP
CI	DQOS	Deploying QOS for Enterprise Networks
CI	GWGK	Implementing Cisco Voice Gateways and Gatekeepers
CI	ICND	Interconnecting Cisco Network Devices
CI	ICRC	Introduction to Cisco Router
CI	IPTT	IP Telephony Troubleshooting
CI	IQOS	Implementing QoS
CI	MCAST	Implementing Cisco Multicast
CI	MLSTE	MPLS Technology Essentials
CI	SECUR	Securing Cisco IOS Networks
IW	2NSF	Network Security & Firewalls
IW	5DMT	Design Methodology & Technology
IW	5OOAD	Oriented Analysis and Design
IW	PS2NSF	Network Security and Firewalls
MS	MCSAE	Boot Camp MCSA / MCSE BootCamp
PG	ATM	ATM Support and Program Training

VC	Course	Course Description
PG	CISCO	CISCO Certification Training
PG	SNIFFR	Network General SNIFFER Training
PG	VoATM	Voice Over ATM Support and Program Training
PG	VoIP	Voice Over IP Support and Program Training
PG	VoMPLS	Voice Over MPLS Support and Program

WORK EXPERIENCE:

2000 – Present

Independent Consultant – Instructor

As a Cisco engineering and training consulting providing enterprise clients with assistance in designing, implementing and managing Cisco-based network infrastructures. Lead projects that concentrated on network audits, design optimizations and value engineering solutions. Managed a contractor force of 10 senior engineers.

Miscellaneous Projects:

Project Manager and Product Engineer -Lead for a data center build and migration project that would ultimately redesign and consolidate the entire US based Merrill Lynch data network

Evaluated Cisco Sup720B, 6704-10GB, 6724-SFP and 6748-GE components

Developed and supervised a 10-day Proof of Concept Lab at Cisco's RTP Campus; included \$2M of equipment, a team of 4 vendors and 10 CCIE engineers/architects

Initialized the first audit of the ML FTL Catalyst 6500 certification lab which is maintained by Cisco's FTL team in RTP; identified numerous areas for improvement which later resulted in identifying several critical IOS bugs prior to deployment; improved the overall creditability of the certification testing

Created and documented newly revised standards for technologies such as RSTP, GLBP, QoS, OSPF and Blade Servers

Critical member of the Global Design and Architecture group; defined, tested and documented new global architectures for the 10GB campus, router security enhancements and network management infrastructures

Evaluated numerous vendors such as Network General, IXIA, Voyence, Cyclades, Apcon and NetScout; involved in testing and price negotiation; provided presentations to management team on findings and recommendations

Design Architect - Lead Design Architect for a Tier 2 Global data center consolidation and relocation project; overall design span the entire North American ML network; consolidation included 4 major data centers and 9 Home Office Campus (HOC) Locations.

Design included all areas of IP network operations such as; connecting 9 HOC sites via BGP across a 10GB DWDM ring; redesigning the existing 3-tiered BGP network; migrating and redesigning the External Connectivity Unit which consisted of 10 firewalls, 30 switches and over 300 separate vendor/client connection utilizing ATM/FR, Radianz and Market Data feeds; designing a separate out-of-band management infrastructure that allowed for complete coverage using NetScout probes; converting 70 branch sites from ATM/FR to MPLS; designing a multi-tiered campus which included 130 Cisco 6509E switches utilizing 10GB Connectivity end-to-end from access to core and an overall data center capacity of 5000 servers; migrating a regional data center from EIGRP to OSPF

Part of the facilities and cabling team; helped to develop the physical rack and cabinet placement for all equipment going into the 200,000 sq ft data center; provided recommendations on power and cable management; created the physical racking plan for all network equipment

Management - Responsible for the management of the \$30M network budget; coordinated vendor orders, aided in discount negotiation and managed the delivery and inventory process

Managed a team of 6 engineers responsible for detail designs, equipment configuration, implementation and cabling

Created and tracked 800+ tasks and deadlines on the master Microsoft Project Plan; lead member of the project's management committee; maintained a 97% on-time rate

Responsible for design decisions that directly led to a \$11M savings; utilized the savings to further update other portions of the network throughout the region including the funding of a 2500 server Blade Center deployment

Senior Trainer and Management Consultant - Provided training and mentoring activities to Chief Information Officer candidates for various divisions within the company. Presented material ranging from basic to advanced networking concepts, Six Sigma procedures, proposal creation, ROI analysis and presentation techniques. Collaborated with internal CIO's, CTO's, IT Directors, Six Sigma Black Belt's and other business leaders during curriculum development and candidate evaluations.

Lead Engineer/Project Manager - Selected to lead a project team on an in-depth network and security audit. The project scope included directly reporting to C-level executives on the capabilities of the existing infrastructure and engineering staff. Provided a comprehensive report, which included areas of improvement, suggested optimizations, suggested equipment and technology replacements, detailed topology diagrams and several performance impact scenarios. Improvements identified during the audit allowed the company to take on a new customer contract, which increased network traffic patterns by 40 percent and created an additional annual revenue stream of \$7M.

Director of Cisco Training Operations - Established the first sponsored Cisco training program, organized all aspects of the program including marketing, sales, and personnel and budgeting. Developed and delivered in-depth sales training for the sales force. Assisted sales manager in closing over \$70,000 in training sales in the first 90 days of the program. Delivered many advanced courses to lead engineers from clients such as the Lockheed Martin Corporation.

Lead Engineer/Project Manager - Manager of a five-site international video conferencing project. Designed and implemented the video over IP solution including equipment selection, configuration and WAN/VPN provisioning. Project completion resulted in a \$300,000 reduction in operating costs. The system was utilized to preview new products and to coordinate international production. Utilized Cisco, Polycom and Tandberg IP video equipment.

Senior Cisco Instructor - Delivered Cisco's authorized training curriculum, responsible for courses ranging from introduction to Cisco technologies through advanced CCIE specialty courses. Lead developer and instructor for Global Knowledge's Advanced IP Multicast course; developed a full scope of classroom lab exercises implementing IP Multicast on Cisco routers and switches. Instructed Senior Engineers from companies such as Verizon, ATT, Cisco and other Fortune level corporations in the Tri-State area. Optimized a 15 sites, 40-router OSPF infrastructure; simplified design and increased performance. Migrated a 60-router mixed EIGRP/OSPF environment to an all OSPF implementation. Redesigned an enterprise wide Campus implementation, which included 10 major locations and 30 branch offices; project included redesigning the complete IP addressing and VLAN plans as well as the routing infrastructure. Assisted clients with vendor negotiations for services and equipment. Reviewed complex router, switch and firewall configurations and suggested alternate configurations, which resulted in increased performance and efficiency.

1999 – 2000

Wave Technologies

Senior Technical Training

Designed and delivered custom, in-house technical training programs for leading clients in the metropolitan New York area including IBM, Pfizer, Barclays Bank, Chase Bank and Metro North Commuter Railroad. Provided certification-based preparation and training for CCNA and MCSE programs. Responsible for maintaining the Cisco networking infrastructure.

1992 – 1999

United States Air Force

Director of Training/LAN Administrator

Volunteered for the USAF Special Operations Forces Tactical Air Control Party. Served seven years; acted as a senior liaison officer to US and foreign combat forces. Provided detailed coordination of all USAF Close Air Support missions. Managed a five man team during combat operations in Bosnia. Designed and developed training curriculum for Special Operations tactics. Spearheaded the development of an organizational training program including; curriculum development, train the trainer and an automated database which streamlined the training and evaluation operations. Maintained a Top Secret/Secret Security Clearance. Responsible for the unit's data network consisting of Microsoft, Cisco and 3Com equipment.

EDUCATION:

Kennedy Western University - Bachelor of Science - Electrical Engineering
- Master of Science - Business Administration

Cisco Certified Internetworking Expert - CCIE, CCNP,CCNP, CCDA, CCSI, CCNA and MCSE

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