

KEVIN CARDWELL

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Objective: To provide pertinent and current services as a Network Security Consultant to meet requirements within an acceptable level of risk

Summary:

Twenty-Two years military experience in repair, maintenance and fault isolation of **Command, Control, Communications, Computers and Intelligence (C4I) Systems.**

Seventeen years experience in **Information Technology**

Sixteen years training in **Computer Languages, PASCAL, C, C++**

Fourteen years experience in **designing Network Security systems**

- Developed Network Operations Center's from the ground up

- Firewall architecture
- Intrusion detection
- Multi-layered Security
- Routers
- Virtual Private Networks
- Satellite connectivity
 - TCP/IP connectivity and services to ships at sea
- Remote connectivity
 - ISDN
 - Configuration of Dial on Demand Routing to provide services
 - ADSL
- Wireless connectivity
 - Deployment across a campus to include the 802.11i implementation for security

Fourteen years extensive experience **managing** and **designing Windows NT/200X and UNIX system networks**

Twelve years experience with **Internetworking Protocols and Programming-** Specializing in TCP/IP, PKI and Security

Twelve years as a Technical Instructor

- Develop Computer Engineering, Programming and Security curriculum

Ten years experience **managing** and **designing Firewall Architectures** and implementation of access control

- Extensive experience with Checkpoint Firewall 1, Gauntlet (Sidewinder), Raptor and Cisco PIX

Nine years experience with penetration testing, and vulnerability analyses
- Extensive experience with security tools

- o Nessus
- o Nmap
- o Retina
- o Metasploit, Core and Canvas
- o Backtrack/Helix/Network Security Toolkit

Nine years experience **managing Intrusion Detection/Prevention Systems**

- Design and implementation experience with

- o ISS Real Secure
- o Snort
- o Symantec
- o Cisco Intrusion Detection IOS

Nine years experience with **Cisco Routers, Switches and IOS**

Nine years teaching and Instructor experience in Computer Science

Nine years experience in Computer Forensics Investigations

WORK EXPERIENCE

United States Navy	1983-2005
Director of Information Security	1999-2005
Certified Information Systems Security Manager	2001
University of Maryland Associate Professor	1999-Present
Learning Tree Instructor/Technical Editor	1999-Present

- **Managed 7 networks, 2 firewalls, VPN, 10 Cisco Routers, 10 Cisco switches, 1 Cabletron Router, 6 Cabletron Switches, 10 Windows NT/2000 Servers, and 4 UNIX Servers and a Red Team of 10**
- European representative for **Information Assurance Undergraduate and Graduate Curriculum Development** for University of Maryland University College
- **Undersea Warfare Officer** responsible for evaluating Naval Computer Systems and improving their design.
- **Network Security consultant**
Author, Technical Editor and Instructor of security courses
- Train corporate security teams on network security

Certifications held: Certified Ethical Hacker (C|EH)
Certified Security Analyst (E|CSA)
Computer Hacking Forensic Investigator (C|HFI)
Qualified Penetration Tester (QPT)

EDUCATION

Southern Methodist University, Dallas, Texas. MS in Software Engineering
December 1999; GPA: 3.870
National University, La Jolla, California. BS in Computer Science
October 1995; GPA: 3.490