



Peter Norin

Senior Security Advisor

XPD AB

Personal Profile

Due to his extensive experience in consulting, Peter has acquired the ability to quickly adapt to new projects and situations. Peter is an appreciated problem solver who works in close cooperation with his clients. As projects often relate to the core production systems, quick problem solving is essential. A pragmatic attitude is essential for delivering quick solutions. This has to be balanced by a strategic long term view in order to build architecture and solutions that won't have to be reworked at a later time.

Peter has a solid understanding of networks based on his experience of large operational environments. These environments range from an internet service provider to more protected, high security network environments. Peter's broad experience has given him an intuitive feeling for networks and high security dependable systems.

Skills and Expertise

DESIGN AND IMPLEMENTATION OF NETWORK SECURITY SYSTEMS

According to the principals of defence in depth where nothing is allowed initially, Peter has designed and implemented everything from smaller systems to complex virtual perimeter security solutions with a high level of accessibility. Peter also has extensive experience of multiple diverse VPN solutions based on IPSec, SSL and DTLS.

AUDIT/REVIEWS OF NETWORK SECURITY SYSTEMS

Using a white box approach, Peter has examined the design of numerous security systems. Peter firmly believes that white box reviews are the most sensible approach, exposing flaws and design errors at the lowest level.

FORENSICS AND POSTMORTEM ANALYSIS

Peter has extensive experience using the whitebox model, in which you perform a detailed review and analysis of the implemented design and the technical configuration of the network/networks and security equipment. This model allows defects in design and implementation to be discovered early on. In addition, it facilitates finding the root cause of possible future problems and flaws.



Example of engagements

IT-SECURITY ARCHITECT, INTERNATIONAL BANK, 2015-CURRENT

Performing risk analysis on new projects and recurring risk analysis on existing systems. Decision support and analysis for network related IT-Security projects (Network segmentation, DNSSEC, 802.1x, Wi-Fi) and conducted numerous internal IT-Audits.

SECURITY ADVISOR, NUCLEAR POWER PLANT, 2008-CURRENT

Re-design of the existing network perimeter protection system as well as modernisation of networks in close proximity to the core process for all the nuclear reactor units within the facility.

SECURITY ADVISOR/IS-AUDITOR, MULTIPLE US BANKS, 2006-CURRENT

Security reviews of internal and external networks as well as public and internal services. This has included a broad range of equipment and services including everything from ATMs (automatic teller machines) credit certification systems to network infrastructure for the banks main system.

SECURITY ADVISOR, GOVERNMENT AGENCIES, 2006-CURRENT

Acting as a security advisor with security audits/reviews, design and implementation of security infrastructure, as well as decision support when evaluating new security solutions for government agencies.

IS-AUDITOR, MULTIPLE AMERICAN PUBLIC SECTOR ORGANISATIONS, 2007-CURRENT

Security reviews of internal and external network infrastructure and services, such as SCADA/EMS (Supervisory Control and Data Acquisition/Energy Management System) equipment for the management of everything from water, electricity to the network connections to the police and schools.

SECURITY ADVISOR/IS-AUDITOR, MULTIPLE AMERICAN HOSPITALS, 2007- PRESENT

Security reviews and follow-up analyses of internal and external network infrastructure and services to ensure that HIPAA (Health Insurance Portability and Accountability Act) requirements are adequately followed.

SECURITY ADVISOR/IS-AUDITOR, MULTIPLE AMERICAN COURTS, 2008- 2009

Did classic security review of internal and external systems and services in order to discover and detect flaws. In addition, for a number of reviews social engineering was used as a complement to discover security problems.



Specialist Expertise

OPERATING SYSTEMS

Peter has worked extensively with GNU/Linux (Redhat, Debian and Ubuntu) BSD, Cisco IOS and Sun Solaris.

FIREWALLS

Peter has in-depth knowledge of Checkpoints security products, ranging from Firewall-1 v3.0 to current Firewall-1 variations. He has worked with everything from small to large installations in both clustered and virtual environments for both gateways and management.

VPN

IPSec on Cisco IOS, BSD and Checkpoint VPN-1
SSL-VPN on Checkpoint, Cisco/ASA as well as Juniper.

NETWORKING

TCP/IP IPv4/6
LAN and WAN Routing (OSPF, BGP4)
HP Procurve, Cisco IOS, Cisco CatOS and Juniper JunOS
DNSSEC

LOAD BALANCING

Linux LVS, Radware Alteon, Foundry ServerIron and F5 Networks BIG-IP

Previous employments

SPRAY / LYCOS EUROPE, 2004-2005

Security/Network engineer focused on networks and security. Peter was part of a network group which maintained and developed the Spray/Lycos European backbone which is connected to most large nodes throughout Europe.

SONG NETWORKS / WINEASY, 2001-2004

Security/Network engineer with main focus on security, Peter was responsible for management, maintenance and development of all firewalls within Song, as well as being responsible for Songs internal network and hosting network.

ICON MEDIALAB, 1998-2001

Security/Network engineer focused on networks and security. Peter was responsible for management and maintenance of all security infrastructures. Peter was also part of the design and implementation of Icon's global VPN network.

Certifications

ISACA Certified Information Systems Auditor (CISA) #12103240
ISACA Certified Information Security Manager (CISM) #1425025
CCSA och CCSE Checkpoint FW-1 (expired)