



## Fredrik Söderblom

Senior Security Advisor

XPD AB

### Personal Profile

Fredrik Söderblom, Senior Security Advisor and Founder of XPD AB.

With over 32 years of experience in the IT industry, Fredrik Söderblom has established himself as a highly respected security advisor and architect. His deep insights and ability to quickly immerse himself in new projects and operations have made him an indispensable resource for a wide range of clients. Fredrik's work has primarily focused on the security domain, leading to extensive expertise that spans from fundamental security measures to advanced strategic security models.

Clients particularly appreciate Fredrik's ability to navigate complex security challenges and his collaborative, approachable manner. His roles have often ranged from architect and decision support to security advisory, both in Sweden and internationally. The length of his assignments has varied from short-term engagements to multi-year commitments, reflecting Fredrik's adaptability and breadth of experience.

Fredrik has worked across various sectors, including the defense industry, financial markets, government agencies, and the private sector. This diverse experience has provided him with a deep understanding of how to design security architectures that not only meet business objectives but also withstand rigorous security audits.

As a recognized expert in his field, Fredrik is also a valued educator and speaker. He has been regularly invited to lecture at universities and conferences, both in Sweden and internationally. His career in security began in 1992, when he designed and implemented the first firewall for Hewlett-Packard in Northern Europe—a milestone that marked the start of a successful career in IT security.

### Skills and expertise

#### DESIGN AND ARCHITECTURE

Fredrik has designed and implemented numerous perimeter security systems for clients both in Sweden and internationally. These solutions have ranged from large, complex environments to less complex, non-redundant systems. His extensive experience enables him to create tailored security solutions that meet the specific needs and requirements of each client.

## **AUDIT/REVIEWS**

Fredrik Söderblom is a certified IS auditor (CISA) with over 20 years of experience conducting IT audits globally, both in Europe and the USA. He has performed reviews across a wide range of sectors, including hospitals, municipalities, government agencies, police departments, courts, banks, and critical infrastructure. These audits are meticulously conducted on-site and in close collaboration with the client. The process includes a thorough review of technical configurations and existing documentation, complemented by interviews with key personnel to ensure a comprehensive assessment.

Fredrik has extensive knowledge and hands-on experience with the COBIT, ISO 27001/27002, and ITIL frameworks. He has used COBIT for IT governance and control, ISO 27001/27002 to implement and audit information security management systems, and ITIL to optimize IT service management.

## **EDUCATION AND LECTURES**

Fredrik's extensive experience in the design, implementation, and troubleshooting of complex IT systems, combined with his pedagogical skills and passion for teaching, has made him a highly regarded instructor. He teaches both his own courses and serves as a guest lecturer or instructor on various occasions.

## **Examples of assignments**

### **IS-AUDITOR, MULTIPLE EUROPEAN CLIENTS, 2019 - PRESENT**

Fredrik has been responsible for IT security audits within critical infrastructures for multiple companies across Europe, with a focus on identifying and mitigating risks related to both internal and external service exposure. His work has involved a thorough review of network structures, technical configurations, and security equipment, as well as an assessment of governing documentation to ensure that security standards are maintained and enhanced.

His clients include railway companies, radio and television broadcasters, hospitals, and energy companies. Through his efforts, Fredrik has contributed to strengthening the security and reliability of these critical sectors, which has been essential for maintaining continuous and secure operations.

### **IT SECURITY ARCHITECT, INTERNATIONAL BANK, 2015 - PRESENT**

Fredrik has conducted extensive risk analyses for new projects as well as regular risk assessments of existing systems. He has also provided decision support and performed in-depth analyses for network-related IT security projects, including network segmentation, DNSSEC, 802.1x, and Wi-Fi. In addition to this, Fredrik has carried out numerous internal IT audits, both locally and internationally, contributing significantly to the bank's security governance and compliance.

**SENIOR SECURITY ADVISOR, SWEDISH GOVERNMENT AGENCIES, 2002 - PRESENT**

Fredrik has provided decision support in IT security and played a central role in the design and implementation of new IT security solutions for both civilian and military government agencies. His expertise has been instrumental in ensuring robust and effective security measures tailored to the specific needs and requirements of these agencies.

**SENIOR SECURITY ADVISOR, NUCLEAR POWER PLANTS, 2008 - PRESENT**

Fredrik has conducted security analyses of existing control and regulation processes and designed a new network perimeter protection system based on a defined zonal model. His work has been crucial in enhancing the security and resilience of the critical infrastructures within nuclear power plants.

**IS AUDITOR, MULTIPLE AMERICAN HOSPITALS, 2003 - PRESENT**

To ensure that hospital operations comply with HIPAA (Health Insurance Portability and Accountability Act) regulations, Fredrik has conducted comprehensive IT security audits. These audits include a thorough analysis of both the technical platform and its design, as well as a review of governing policy documents, to ensure compliance and the protection of sensitive patient information.

**IS AUDITOR, MULTIPLE AMERICAN BANKS, 2006 - PRESENT**

Fredrik has conducted IT security audits to ensure that clients have minimized their risks associated with service exposure, both internally and externally. These audits have involved a thorough analysis of network design, technical configuration of network and security equipment, and a review of governing policy documents to ensure robust security management.

**IS AUDITOR, MULTIPLE AMERICAN PUBLIC ADMINISTRATIONS, 2007 - PRESENT**

Fredrik has conducted IT security audits for public administrations in the USA, with a particular focus on both external and internal network structures. This work has included reviewing connections for local police departments, courts, municipalities, schools, and critical systems such as SCADA/EMS (Supervisory Control and Data Acquisition/Energy Management System). Fredrik has also analyzed the technical configurations of networks and security equipment, as well as reviewed governing policy documents to ensure that security requirements are met and risks are minimized.

**SENIOR SECURITY ADVISOR, SWEDISH DEFENCE MATERIEL ADMINISTRATION, 2006 - 2010**

Fredrik was responsible for the design and implementation of policy enforcement points as part of a security segmentation solution. He also designed and implemented a secure BasOS, based on a carefully selected Linux distribution, to meet the stringent security requirements of the Swedish Defence.

**SENIOR SECURITY ADVISOR, INTERNATIONAL BANK, 1996-2001**

Fredrik, together with a colleague, was responsible for designing the bank's network security infrastructure in Stockholm, London, and New York, with the goal of protecting the bank when connecting to public networks. Fredrik also led the implementation of these security solutions in Stockholm (1996-1999), New York (1997), and London (1998-1999), ensuring that the bank's critical data and systems were well protected in these key markets.

**Previous employment****TDC / SONG NETWORKS / WINEASY, 2001-2002**

Senior Security Advisor

**HEWLETT-PACKARD AB, 1991-2001**

Senior Technical Consultant, Senior System Architect

**DATABOLIN AB, 1984-1991**

Programmer and Systems Programmer, R&D

**Certification**

ISACA CISA (Certified Information Systems Auditor) #12104996

ISACA CISM (Certified Information Security Manager) #1424795

ISACA CDPSE (Certified Data Privacy Solutions Engineer) #2118724

HP-UX CSA (Certified System Administrator)

Mikrotik MTCINE (Certified Inter-Networking Engineer) #2406INE6159

Mikrotik MTCRE (Certified Routing Engineer) #2307RE7818

Mikrotik MTCWE (Certified Wireless Engineer) #2306WE7550

Mikrotik MTCNA (Certified Network Associate) #2306NA7485

Mikrotik MTCTCE (Certified Traffic Control Engineer) #2506TCE7848

Mikrotik MTCIPv6E (Certified IPv6 Engineer) #2506IPv6E7335