

Curriculum Vitae

Personal Information

Name	Marc Heuse
Citizenship	German
Date of Birth	7 th November 1974



Specialization:

IT-Security consulting in the area of:

- Penetration testing of complex infrastructures incl. webapps, WLAN, PABX and proprietary applications)
- Auditing (Operating systems, network devices and application configurations)
- Analysis of source code and binary (security and malware analysis)
- Thread modelling, defining policies and procedures (Hardening guidelines, ISO 17799/2700x, IT-GSHB, ITIL) and risk management (ALE/EAL, CRAMM, etc.)
- Forensics (Unix, Windows, network)
- Trainings up to security expert level (on the topics mentioned above)

Certified data protection officer according to German law by TÜV Nord.
Good knowledge and long experience in project management (up to 150 man-days).

Languages:

German	Mother Tongue
English	Business fluent (performing international trainings)
French	Moderate
Spanish	Basic knowledge

IT-Security Knowledge Areas:

Network (Firewalls, routers, switches, VPN, security servers like webfilters, WAF)
Unix (Linux, Solaris, AIX, HPUX, Mac OS X, FreeBSD, OpenBSD, ...)
Windows (Server 2008, Server 2003, Server 2000, 7, Vista, XP)
Programming languages (Assembler, C, C++, Perl, PHP, Shell, Delphi, Pascal, Basic, Javascript, Java, Python, Tcl/Tk)
Databases (Oracle, MS-SQL, Mysql)
TCP/IP/IPv6 (in-depth including all common and many uncommon protocols)
Standards (ISO 17799/BS 7799, ISO 27001++, ISO 13335, ISO 14971/EN 1441, IT-Grundschutzhandbuch (IT-GSHB - German standard))
Risk management and thread modelling

Project Experience in 2011 and 2010:

(only customers who agreed are named)

Governmental security organisation - training of a specialist group in offensive security
European Central Bank - security expert in the new DMZ project for design and acceptance testing
World leading car manufacture - security review of security risks in IT in upcoming luxury cars and supporting front and backend infrastructures
MCAST University Malta with the Fraunhofer Institute - Lecturer for IT-Security
Governmental organisation - security analysis of firewall infrastructure and citizen service applications
UNO institution - Organisational review of compliance to ISO 27001++
European leading catalogue company - Security review of the web ordering interface
International leading bank - WLAN security review for secure config and rogue APs in all offices in Germany
International leading bank - webapp pentest of the customer trading system
International leading bank - pentest of the remote access infrastructure
International leading mobile provider - reverse engineering training for new security team employees
International leading mobile provider - webapp pentest of a customer webmail system
World-wide operating logistic company - Forensic emergency
... and many more ...

Employment History:

07/2007 - today	independent IT security consultant
07/2004 - 06/2007	n.runs AG IT-Security team leader
01/2003 - 06/2004	Unisys GmbH Manager IT-Security Services
01/1999 - 12/2002	KPMG AG Manager/Prokurist, Head of IT-Security Services
09/1997 - 12/1998	Deutsche Bank AG Firewall Engineer
07/1998 - 12/2006	SuSE/Novell Founder & member of the SuSE Security Team

Publications and Presentations

Publications

C't 16/11 - "Safer Six"
Der Standard 01/2011 - "IPv6 ein Security Albtraum?"
SuSE - Installation of a secure SuSE Linux Enterprise Server 8 and 9
SuSE - Installation of a secure web server
Computerwoche Extra 5/2001 - "Irgendwo ist immer eine Lücke"
C't 26/00 - "Authentifizierung unter Linux mit PAM"

Conferences

IPv6 Security revisited: Deepsec 11/2010, Vienna; CCC Congress 12/2010, Berlin, Hackito Ergo Sum 04/2011, Paris; IPv6 Congress, 05/2011, Frankfurt
IPv6 Security: Pacsec 11/2005, Tokyo; CCC Congress 12/2005, Berlin; Eusecwest 02/2006, London; Cansecwest 04/2006, Vancouver; Hack in the Box 09/2006, Kuala Lumpur; Hack LU 10/2006, Luxemburg; VNSec 08/2007, Saigon
Euroforum - Sicherheit 2003, 11/2003, Hamburg, Presentation "Gefahrenabschätzung durch Konsolidierung und Korrelation von Intrusion Detection"
IDC - Security Conference 2003, 09/2003, Frankfurt, Presentation "IT-Sicherheit im Unternehmen dauerhaft messbar machen"
Information Systems Security Society of the Philippines - Manila Security Convention, 05/2003, Manila/Philippines, Presentation "Global Intrusion Tracing"
Fraunhofer Institut - CAST Forum, Theme "Secure Networks", 04/2003, Darmstadt, Presentation "Firewalls und Infrastrukturen"
Euroforum - 1. eSpionage Forum, 01/2002, Düsseldorf, Presentation "Wie Hacker sich unsichtbar machen"
Euroforum - 8. IT-Sicherheits-Forum, 11/2001, Frankfurt, Workshop "Anti-Hacking"
MiS - Superstrategies 2000, 11/2000, London, Presentation "Critical Risks in Unix"

Conference Organisation

Member of the Steering Committee of the DIMVA conference (Detection of Intrusions and Malware & Vulnerability Assessment - www.dimva.org)

Member of the Program Committees of DFN CERT, DIMVA, 44Con und Hackito Ergo Sum conferences.

Guest lecturer at the MCAST University of Malta for IT-Security (in the context of the cooperation with the Fraunhofer Institute)