JÖRN SCHUMANN
PKI CONSULTANT

Jörn Schumann

Personal details

born in March the 18th, 1977 in Hamburg

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Family status

married, one child

Jörn Schumann

Hamburg, April 2021

Independence

09/2019 - now **Jörn Schumann - PKI Consultant; Hamburg**
Founding of my own company with focus on PKI solutions.
Webpage: www.joernschumann.de (only in german language)

Permanent

04/2019 - 08/2019 **Atos; Hamburg; IT Security**
Hired as a *Senior PKI Consultant* working in the DACH area.

12/2018 - 03/2019 *Freelancer*; PKI Project - Planning and reconstruction of a MS PKI based on Windows Server 2012 R2. Certificates use to secure client devices.

05/2018 - 11/2018 **DigiCert; IT Security**
I'm working as a *Senior PKI Solution Architect* at DigiCert to support EMEA sales team with technical questions. Focus is certificate based authentication to secure the IoT together with using certificates for secure e-mail communication (S/MIME) Security. Webpage: www.digicert.com

09/2015 - 05/2018 **NTT Security; Hamburg; IT Security**
I was hired as a *Senior IT Security Consultant* at NTT Security. In PKI, Key Management and PAM Projects for our customers. The Solutions I have implemented on site are based on public PKI vendors (Symantec -MPKI), Microsoft as well as OpenTrust (IDnomic) PKI. Beside these main topics I discuss the PKI and PAM process design workflows with the customer. Webpage: www.nttsecurity.com

10/2014 - 09/2015 **Volkswagen Financial Services AG; Brunswick; IT Security**
Hired from FS AG as a *systemanalytics* responsible for the new implementation of a PKI environment and privilege access management using CyberArk.
Webpage: www.vwfs.de

03/2014 - 06/2014 ***Freelancer***; PKI Project - migration to Windows 2012R2. Commissioned by Microsoft on site at Adidas AG.

11/2013 - 02/2014 ***Freelancer***; IPMA Level D - Certified Project Manager GMP

04/2013 - 10/2013 **krügernetwork GmbH; Stuttgart; IT Security**
Hired as a *PKI spezialist* at krügernetwork. I worked on project with main focus on the implementation of a PKI infrastructure. Also reviewing of existing PKIs as well as give the customers training to work within there area.

Krügernetwork has offers security solution based on PKI and Identity Management. Krügernetwork scope: PKI, 802.1x, SmartCard, HSM and FIM CM.
Webpage: www.kruegernetwork.de

Permanent - Continued

03/2012 - 11/2012 **Protegrity; IT Security; Protegrity EUROPE Office Hamburg**

As a *Solution Architect* I had supported the Sales within technical and architectural issues. Traveling to customers and partners to introduce our product also give trainings to our customers.
Webpage: www.protegrity.com

01/2008 - 02/2012 **TC TrustCenter GmbH - Now part of Symantec; IT Security**

TC TrustCenter GmbH, core area TestLab, QA and 2nd Level-Support. TC TrustCenter is a part of Symantec since March 2010. Since this time I worked as a *Senior SQA Analyst*.

During my time at TC TrustCenter I setup solutions for certificate based wireless lan authentication using 802.1x included a setup manual for our customers. I have worked on projects and enhanced the AutoEnrollment certificate enrollment (TC AutoEnrollment Server) features.

The Symantec MPKI AE Solution, based on the TC TrustCenter resolution. Know how in work with a Online RA (Registration Authority), handling of PDF signatures based on Adobe CDS (Certificate Document Signing).

iOS Implementation using SCEP, build up a demo environment for a certificate based VPN connection between a CISCO ASA together with iOS devices. Written manuals for the installation and the integration of the TC products in the following areas (SmartCard Logon, 802.1x Authentication, ILM 2009, FIM 2010, SCEP iOS, and others) as well as part of the enhancement of the based manuals.

In TestLab I daily have worked with virtual machines (servers and clients), I setup my own VMWare server and a Windows 2008 Hyper-V server. I worked with machines based on Windows 2003, 2008 and 2008 R2 as well as with Linux servers. With Linux I primary worked with Apache Mod-SSL. I have a lot of contact with crypto Tokens and SmartCard (Siemens CardOS and Aladdin/SafeNet). I worked with the TMS from Aladdin and some e-Mail gateways (e.g. Totemo TrustMail). Major focus on certificate enrollment.
Webpage: www.trustcenter.de

Work between the school and study time

01/2001 - 01/2008 **IT specialist, HITeC e.V.; Uni-Hamburg**

Be on the payroll of the school support service (Schul-Support-Service), they did the IT support in the public schools of Hamburg. In there I have had an extensive contact with Windows 2000 and 2003 servers, as well as Linux servers. Preparation of Windows clients incl. software installation and allocation. Involved in the design and development of solutions for Windows 2003 servers and WLAN encryption for the schools from Hamburg, as well setup a concept to integrate Mac OS X clients into the heterogeneous school network. Project management at the project called NEWS (Wireless LAN encryption).
Webpage: 3s.hh.schule.de

10/2000 - 12/2014 **Jörn Schumann EDV-Beratung&InterNET; Hamburg**

Formation of my own company. Main focus in the consultant in the IT and telecommunication area. Smart and medium business units are the main target group.
Webpage: www.joernschumann.de

2000 - 2001 **Office worker, Mannesmann Arcor; City Süd Hamburg**

Co-worker at the project GSM-R, setup of a GSM Wireless Network for the Deutsche Bahn AG.

1994 - 2000 **Employment, Sport Kaap; Gänsemarkt Passage**

Work as a sales assistant in the section of sport shoes, Inline-Skates and Ski&Snowboard, later I worked at the cash box too. Self-contained liability in the graphic settings of the price labels in the sport shoe section.

1993 **Employment, Lunge Lauf und Sportschuhe; HH-Barmbek**

Here I have learned the basics of customer sales conversation together with a very good knowledge about running shoes and how to sell running shoes.

Course of Studies

10/1997 - 09/2007 Study of informatics.

At the faculty of computer science at the University of Hamburg

Core area: Image processing

Minor subject: Medical science (Hygiene, Nuclear medicine - MedTech. imaging procedures)

Certificate

09/2007 *Diploma* in computer science (Diploma Information scientists)

10/2006 *Baccalaureus Scientiae* (B.Sc.) in computer science

09/2007 **Diploma thesis**

Cover: „Umsetzung einer Groupware-Lösung anhand eines Prototypen für den Hamburger Schul-Support-Service (Anpassung einer Groupware, basierend auf der Open Source Software eGroupWare. Sowie einer Anforderungsanalyse)“. Implementation of a groupware solution by a prototype for the school support service of hamburg (using open source software eGroupWare. Following the analysis of customer needs).

08/2006 **Seminar paper**

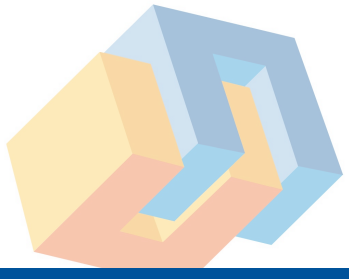
„PeTWiK – Terminfindung im Call Center (Anforderungskriterien für Groupware im Rahmen vom Schul-Support-Service)“. A concept to implement a part of software to find free calendar entries of open group members (find criteria for groupware).

12/1996 - 12/1997 **Civilian service**

Deutsches Rotes Kreuz – as a driver at the carpool. Carrying of people with handicap. (Driver license class 2 since 05/1995). The Civilian service has to be shorted to start the course of studies in the winter semester. Therefore I had to save all my vacation and do a lot of overtime to reach this goal. In Hamburg the computer science study only starts in the winter term.

School

07/1996 Abitur on the comprehensive school Alter Teichweg, Hamburg



Skills

Language ability

German (native language)
English (good)
Italian (basics only)

Data processing - skills

Large knowledge of the Microsoft OS and the Microsoft applications as well as the support of these products. Basic skills with Linux server as a domain- and/or web server (Apache, MySQL, PHP). Mac OS X, integration in small networks and into domains, worked as a web server, as well as the knowledge of the Apple main applications (e.g. Pages). Practice in planing of networks in content of wireless and wired networks. Working with virtual machines and a huge of PKI expert knowledge.

Certifications

12-2020	Luna HSM Certified Engineer
03-2020	nShield Certified System Engineer - Version 12 (nCSE - THALES)
11-2019	Venafi Security Administrator 19
03-2015	Luna SA Certified Engineer (SafeNet)
02-2014	Certified Project Manager (IPMA/CPM/GPM)
07-2013	nShield Certified System Engineer - Version 7 (nCSE - THALES)

Private interests

In my free time I love to do some sports. Until I was fourteen I played handball. I visited a dance school (standard and latin) until i was 21. Afterwards I try to run some years but then I have found my favorite - cycling. In December 2010 I wrote a personal e-Mail to Enrique Salem to get a main sponsor for our cycling team - Radsport Wulff. In March 2011 I was planning and implementing the new jersey dress for the *Radsport Wulff – Symantec Team*. In 2011 and 2012 this team was very successful and reached upper places at the Vattenfall Cyclassics.

Some other very big cycling events starts in 2014, since than I am part of the *Alpecin Grand Fondo Team*. A Team of „no pros“ and hobby cyclists with the focus of achieve own goals. We have driven some of the biggest cycling marathons across Europe together.

Beside my family cycling is my counterpart for work and responsible for a good work life balance.