

## Skill-Profile



# THORSTEN ROOD

IT Enterprise Architect

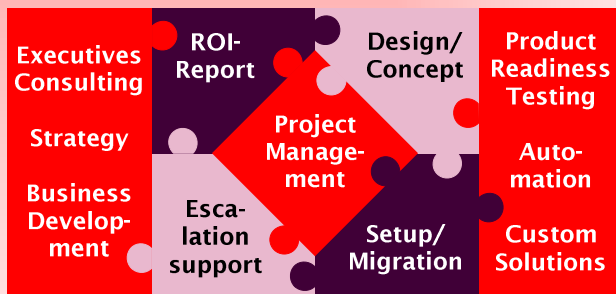
\* 09/16/1975 Remscheid-Lennep (Germany)



### Professional Qualifications

Professional training:	Bank business management assistant
Schooling:	Senior High School graduation diploma
Experienced in IT since:	1993
Supported Languages:	German (native) English
Driver's license:	BCE (passenger car and truck license)

### Skills / Overall Summary



I'm focused on IT project services that require complex integration tasks, including return of investment analyses, design phase and sophisticated real-world installations. In addition I'm performing in-depth troubleshooting on runtime issues. Not just being responsible for project management and leading the technical staff. I'm also consulting the executives concerning their future IT strategy directions and options.

In the course of time I specialized on designing and implementing large Windows™-based data-center setups and made several installations for worldwide enterprise customers. Especially I'm trained on delivering end-to-end management options, affordable high availability solutions and meeting service level expectations. By combining both my long-term skills in software development and software integration experience, I'm adding true value to the core technical setup using fastidious automated/unattended rollouts and strong customized solutions.

#### Consulting

Corporate Strategies  
Early Adopter Installations  
Product Readiness Testing  
Admin-Staff Training

#### Architecture and Rollout

Analysis, Design, Integration and Troubleshooting  
Project Management  
Reporting

#### Enterprise Solutions

High Availability  
Datacenter Automation  
Custom Solutions  
CorporateIdentity-Integration

### Certifications

CCIA [Early Achiever]  
CCEE, CCEA, CCAA  
CCA-Platinum [Early Achiever]  
Application Virtualization  
Desktop Virtualization  
Server Virtualization  
Application Networking

MCTS, MCITP [Charter Member]  
MCSE [Early Achiever]  
Messaging  
Security

CTP Citrix Technology Professional



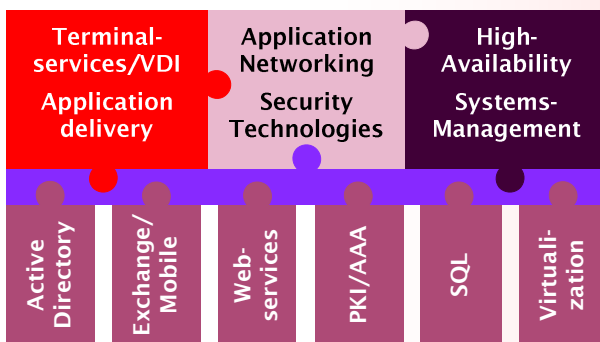
Enterprise Administrator  
Enterprise Messaging Administrator  
Database Administrator 2008  
Server Administrator



Microsoft Office SharePoint Server 2007 Configuration  
Windows Server Virtualization, Configuration  
Business Desktop Deployment

## Themes and Technologies

Area of experience	Industry	Timeframe
Implementing Application Delivery, VDI and Virtualization technologies (Citrix, Microsoft, VMware)	Interdisciplinary	1998 - current
Designing processes and implementing datacenter automation for application delivery services	Interdisciplinary	1997 - current
Implementing IT-Architectures and Systems-Engineering (Microsoft)	Interdisciplinary	1997 - current
Architecting and implementing Application Networking Solutions	Interdisciplinary	2007 - current
Groupware and Mobility with Exchange-Server	Interdisciplinary	1998 - current
"Training-on-the-job" for administrators	Interdisciplinary	1997 - current
TCO-/ROI-studies, Business Development	Interdisciplinary	2000 - current
Project Management and Project Leadership	Interdisciplinary	1999 - current
Executives Consulting	Interdisciplinary	2001 - current
Optimizing IT-Architectures to meet service-level agreements	Interdisciplinary	2001 - current



My overall technology experience is based on strategic architecture components like virtualization products, directory services, information worker solutions and data warehousing. Built on top of this I specialized on providing convenient, authorized and secured company-wide access to all required applications and services - wherever you are. I'm also designing and sizing those setups based on availability expectations and individual service-level demands.

Terminalservices, VDI and Application Delivery	Application Networking and Security Solutions	High Availability and Systems-Management
Microsoft Terminalservices Citrix Virtual Computing Virtual Desktop Solutions Software-Distribution Software-Integration	Remote Access Solutions Web Content Optimization and Content Switching Wireless Security, RADIUS Certificates/PKI	Clustering, Load-Balancing Datacenter-Failover Replication SNMP, BMC/IPMI System-Provisioning, PXE

Operating Systems and Core Infrastructure Technology		
Microsoft Active Directory Microsoft Virtualization Citrix XenServer VMware vSphere	Microsoft Exchange Server Microsoft Sharepoint Microsoft SQL Server Microsoft ISA Server/CMAK	Microsoft Clients Networking (including VLAN and Layer3/7-Switching) AntiVirus (NAI/McAfee)

Individual solutions, Customizing and Programming/Scripting		
ASP, ASP.NET, PHP	JavaScript/DHTML	KiXtart, PowerShell

## Projects (Extract)

Subject	Industry	Size	Role
Corporate merger and consolidation with Exchange Server 2007 SP1	Government	2,500 users in 14 locations	Consulting and Configuration
Optimized worldwide access to Microsoft Office SharePoint services using Citrix NetScaler 9.0	Mechanical engineering	15,000 users	Consulting and Configuration
Corporate merger and redesign: Active Directory 2003 R2	Government	2,500 users in 14 locations	Consulting and Configuration
Troubleshooting and review: Smart-cards along with PS4.5	Government	1,500 users in 9 locations	Escalation-Engineer
Establishing an SQL Server 2005 metro cluster (iSCSI)	IT-Consulting	1.0 terabyte of data	Design, Configuration and admin training
Server and site consolidation, migrating Exchange Server 2003	Government	1,000 users in 5 locations	Design, Configuration and admin training
SAN/iSCSI, Exchange Server 2003 metro cluster disaster recovery	IT-Consulting	8.0 terabyte of data	Escalation-Engineer
Public key infrastructure, smartcard deployment, VPN using ISA2006	Printing	n.a.	Design, Configuration and admin training
Server Virtualization (DMZ)	Printing	n.a.	Architecture and Installation
Citrix capacity planning and disaster procedures review	Insurance	17,500 users	Consulting
Sizing a Citrix-Farm for new applications and site fault-tolerance	Insurance	12,500 users	Consulting
High-Availability for SQL- and File-services (Doubletake)	Government	n.a.	Architecture and Customizing
Automated Citrix-Migration MFXP to PS4 (live operations)	Mechanical engineering	1,500 clients	Installation and Quality assurance
Domain consolidation and AD-schema enhancements	Government	1,000 users in 5 domains	Consulting, Design and Installation
Strong customized CSG/WI-Portal including Token-Protection (SW4C)	Government	n.a.	Architecture and Customizing
Introducing centralized multi-platform wireless security	Mechanical engineering	5 locations, >100 access-points	Design, Research and Implementation
Customized fully-redundant Access Gateway Advanced solution	IT-Consulting	n.a.	Design, QA, and customizing
Complex PS4 Citrix-Rollout ("fully automated setup")	Government	1,000 clients / 7 locations	Architecture and Quality assurance
Optimizing Citrix-Design for professional services	Law firm	1,700 users / 9 locations	Consultant
Complex MPS3 Citrix-Rollout ("fully automated setup")	Banking	Distributed data-centers; 2,500 clients	Consulting, Installation and Quality assurance
Introducing Windows Server 2003	Banking	Datacenter	Consulting and Installation
Migrating Client-/Server-Infrastructure to Active Directory	Insurance	up to 5,000 clients	Quality assurance / Core concept
Upgrading Citrix XenApp 5.0 Platinum edition	Government	n.a.	Configuration
Printing-Redesign for Terminal-server-/WAN-Environment	Retailers	5 departments plus outlets	Consultant and Systems-Engineer
Windows XP platform design	Insurance	up to 5,000 clients	Escalation-Engineer

Projects (Extract) / continued...

Subject	Industry	Size	Role
W2K/W2K3 cluster services and SAN migration	Banking	3 clusters serving 35 service centers	Systems-Engineer
Farm-Consolidation and upgrading to Citrix MetaFrame XPe	Chemical industry	up to 12,000 clients	PreSales technical leader
Replacing network configuration on windows cluster services	Retailers	1,000 clients	Systems-Engineer
Citrix Provisioning services HA with multi-tenancy support & clusterFS	Service provider	4,500 users	Consulting and Configuration
Citrix Provisioning services incl. clusterFS, XenServer, XenApp	Government	72 PVS-XenApp, 48 XenServer	Consulting and Configuration
TCO-study, Redesign "Software Delivery Services"	Banking	1,500 clients	Consultant and Systems-Engineer
Strong customized and redundant CSG/WI-Portal including Token-Protection (RSA)	Electricity supplier	up to 15,000 clients	Consultant and Systems-Engineer
Implementing AntiVirus-Solutions	Government	700 clients	Project Manager
Virtualization strategies: multi-tenancy hosting server- and applicationservices	Service provider	5,000 servers and 45.000 users	Consulting
High-Secured VPN Site-Link using certificates with ISA Server 2006	Printing	7 locations	Consultant and Systems-Engineer
Strong customized and redundant CSG/WI-Portal	IT-Consulting	Twin-Cluster	Design and Installation
Application service providing using MetaFrame XPe	Government datacenter	up to 35,000 clients	Independent consultant
Complex PS4 Citrix-Rollout ("fully automated setup")	Healthcare	2 locations	Architecture and quality assurance
ISA2006 Back-to-Back firewall, PKI, complex SAP web publishing and Exchange Server push-mail	Printing	n.a.	Installation/Migration and admin training
File storage redesign, introducing DFS	Insurance	0.7 terabyte of data	Concept and Migration
Virtual Desktop Infrastructure (VDI) using Citrix XenDesktop 2.0 in a high-availability design	Automotive	150 users	Consulting and Configuration
Introducing Microsoft SQL Server 2008 clusterservices in SAN	Government	30 databases	Concept and Configuration
VPN-Links between ISA-Server 2004 and several appliances; based on certificate authentication	IT-Consulting	Distributed locations	Design and Implementation
HA and load balancing for backend services with Citrix NetScaler 9.0	Government	2,500 users	Configuration
Remote Access strategies for employees and coop. partners	IT-Consulting	Datacenter	Consulting
Upgrading to Windows Server 2008 Active Directory Domain Services	Government	2,500 users in 14 locations	Consulting and Configuration
Introducing Windows Server 2003 and Exchange Server 2003	Banking	Distributed datacenters	Design and Implementation
Optimizing antivirus management procedures (McAfee)	Government	1,000 users in 5 locations	Review and Consulting
Microsoft SQL Server 2008 cluster in VMware Virtual Infrastructure	Government	n.a.	Architecture and Configuration

## Speaking Engagements and Community-Support

Event	Location	Date	
BriForum 2009 US "Citrix Provisioning Services strategies: How to survive demanding customers"	Chicago (Hilton Chicago)	Jul/2009	EN
BriForum 2009 US "High availability guarantees enterprise uptime - do you really need a NetScaler?"	Chicago (Hilton Chicago)	Jul/2009	EN
net.workers IT-breakfast "Citrix NetScaler: Web Application Firewalling"	Hagen (Arcadeon)	Apr/2009	DE
net.workers IT-breakfast "Citrix Provisioning services: workload configuration and management"	Hagen (Arcadeon)	Feb/2009	DE
net.workers IT-forum "go virtual V4: storage, servers, desktops, applications"	Hagen (Arcadeon)	Sep/2008	DE
ice:2008 „Terminalservices and Network Access Protection (NAP)“	Lingen (it.emsland)	Aug/2008	DE
Newsgroup-Support on microsoft.com (german-speaking terminalservices-groups)	Internet	2001 - 2008	DE
BriForum 2008 US "Windows Server 2008: Load-balancing, architecture and security for terminalservices"	Chicago (Navy Pier)	Jun/2008	EN
BriForum 2008 US "Windows Server 2008: Terminal-services and Network Access Protection (NAP)"	Chicago (Navy Pier)	Jun/2008	EN
BriForum 2008 US "Podium discussion: Why virtualizing a Citrix XenApp server?"	Chicago (Navy Pier)	Jun/2008	EN
net.workers IT-breakfast "Windows 2008 - Network Access Protection (NAP) and IPsec-Isolation"	Hagen (Arcadeon)	Mar/2008	DE
net.workers IT-breakfast "Windows 2008 - Bitlocker Drive Encryption in the enterprise"	Hagen (Arcadeon)	Mar/2008	DE
Microsoft Launch 2008 ready.for.take.off/Germany "Strong authentication in terminal services"	Frankfurt/Main (Messe Frankfurt)	Feb/2008	DE
BriForum 2007 Europe "Windows Server 2008: OneTimePassword architecture in TS"	Amsterdam (Nemo Science Center)	Oct/2007	EN
BriForum 2007 Europe "Windows Server 2008: Smartcard architecture in TS"	Amsterdam (Nemo Science Center)	Oct/2007	EN
BriForum 2007 US "Running Citrix Access Suite in secured environments"	Chicago (University of Chicago)	Apr/2007	EN
BriForum 2007 US "Citrix PNA in a world of Presentation Server, application streaming and VDI"	Chicago (University of Chicago)	Apr/2007	EN
BriForum 2007 US "Citrix Access Suite High-Availability: SQL Concepts, Replication and Mirroring"	Chicago (University of Chicago)	Apr/2007	EN
BriForum 2006 Europe "Citrix PNA: Architecture for Presentation Server and Streaming Server"	Darmstadt (Fraunhofer Institute)	Oct/2006	EN
BriForum 2006 Europe "Citrix Access Suite High-Availability: SQL concepts and replication"	Darmstadt (Fraunhofer Institute)	Oct/2006	EN
BriForum 2006 US "Citrix PNA and mobile user impact / Windows XP design"	Washington DC (National Press Club)	Apr/2006	EN

## Speaking Engagements and Community-Support / continued...

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Event	Location	Date	
BriForum 2006 US "Citrix High-Availability and multiple element failures: Web Interface redundancy"	Washington DC (National Press Club)	Apr/2006	EN
BriForum 2006 US "Citrix High-Availability and multiple element failures: Backup-Datacenter"	Washington DC (National Press Club)	Apr/2006	EN

## Employments

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Title	Timeframe	Employer
Principal Architect	since 09/2007	net.workers AG
Chief IT-Architect	Q2/2003 until 08/2007	KPMA GmbH
Senior IT-Architect / Infrastructure Specialist	2002 until Q1/2003	EDS Corporation / Systematics AG
IT-Architect	2001	Systematics AG
Senior Systems-Engineer	mid 1997 until 2000	MEGRA Informatik GmbH
Software-Development / Systems-Integration	mid 1995 until mid 1997	MEGRA Informatik GmbH
Programmer	mid 1993 until mid 1994	MEGRA Informatik GmbH

## Contact

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