



1. - 5. März 2011, Hannover (Messegelände - Halle 3/Stand E08) -

iX CeBIT Forum 2011

Software & Systems

Microsoft Forefront Protection 2010 fuer Exchange Server

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Agenda

- Ueberblick ueber die Microsoft Forefront Produktpalette
- Forefront Protection 2010 fuer Exchange Server
- Forefront Protection Server Management Console 2010

Was ist Microsoft Forefront?



Microsoft®
Forefront™

Eine umfassende Familie von Sicherheitsprodukten für die Öffentliche Verwaltung und Unternehmen, die durch enge Integration und vereinfachte Verwaltung einen größeren Schutz ermöglichen.

Forefront Produktpalette

Secure Messaging



Secure Collaboration



Secure Endpoint



Information Protection

Windows Server 2008 R2
Active Directory® Rights Management Services



Identity and Access Management

Microsoft®
Forefront®
Identity Manager



Edge

Microsoft®
Forefront®
Online Protection for Exchange



Server
Applications

Microsoft®
Forefront®
Unified Access Gateway 2010

Microsoft®
Forefront®
Protection 2010
for Exchange Server

Microsoft®
Forefront®
Protection 2010
for SharePoint®

Microsoft®
Forefront®
Security for Office Communications Server



Client and
Server OS

Microsoft®
Forefront®
Endpoint Protection 2010

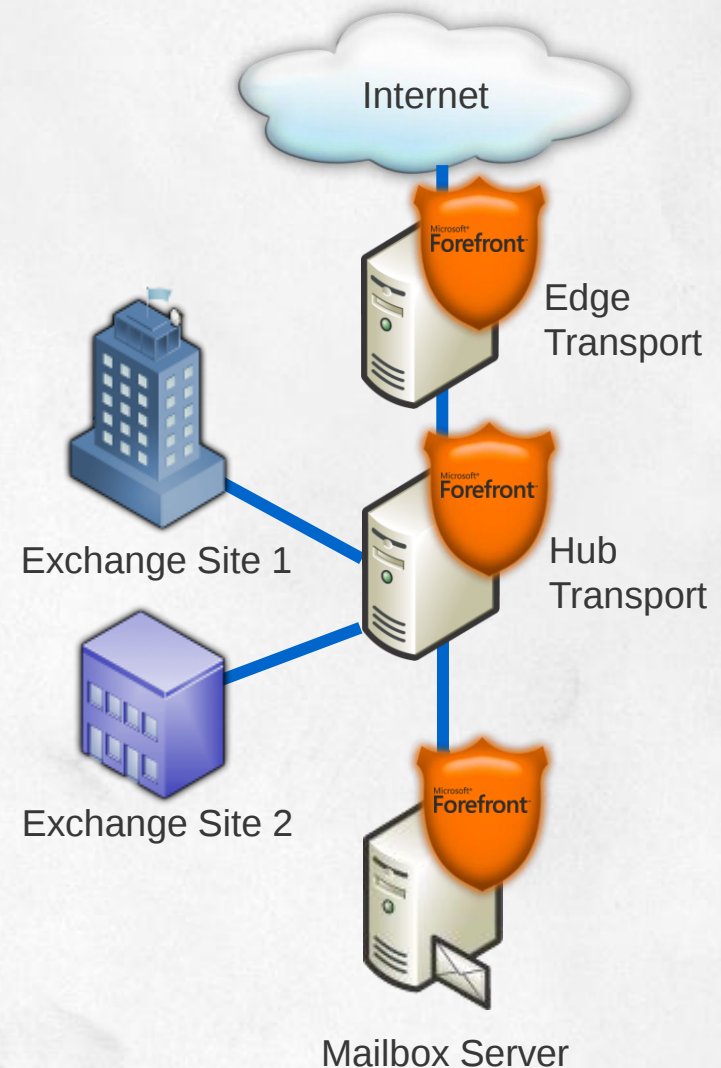
Windows 7

Windows Server 2008 R2
Because it's everybody's business

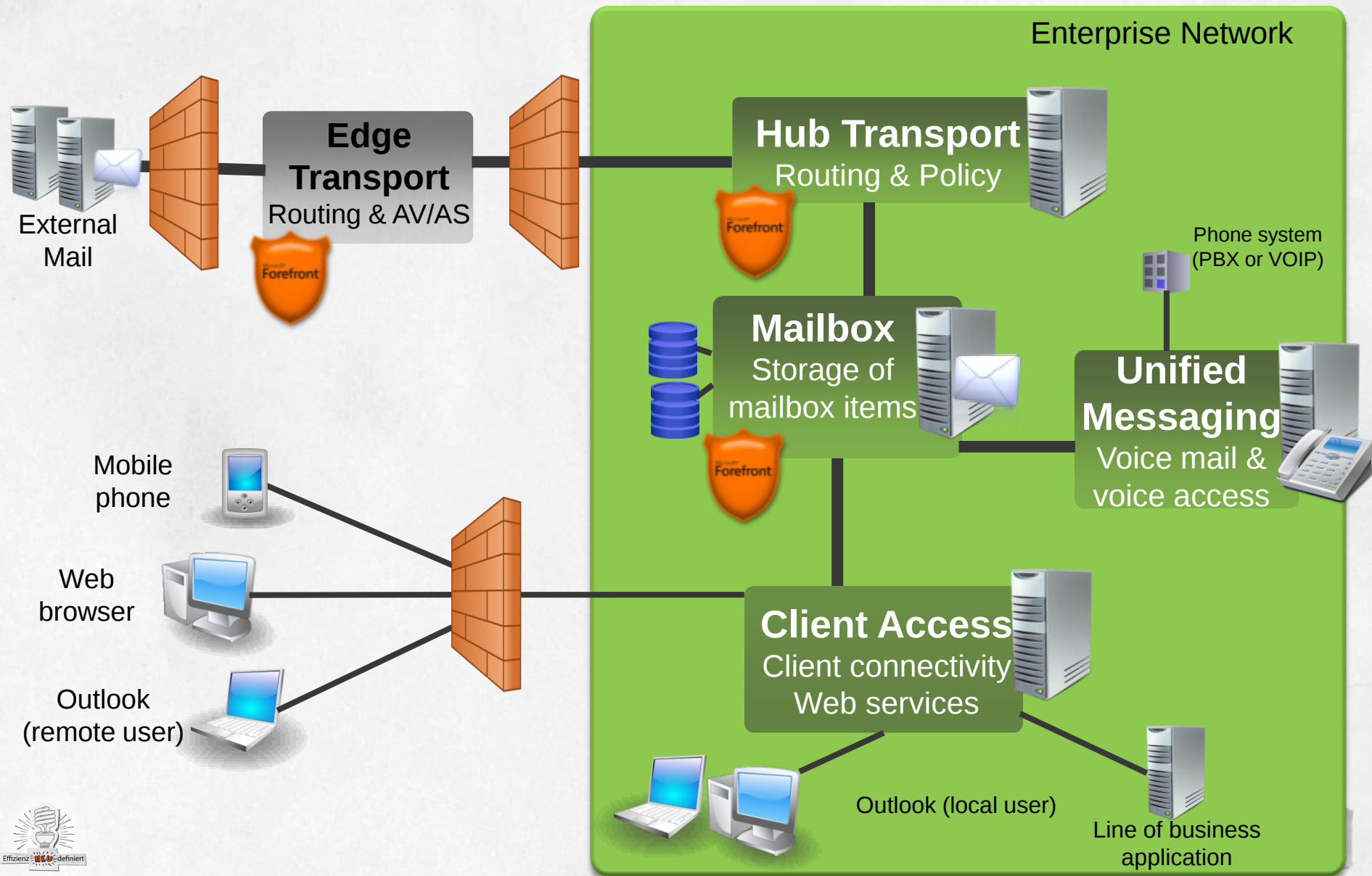
Microsoft®
Forefront®
Threat Management Gateway 2010

Forefront Protection 2010 fuer Exchange Server

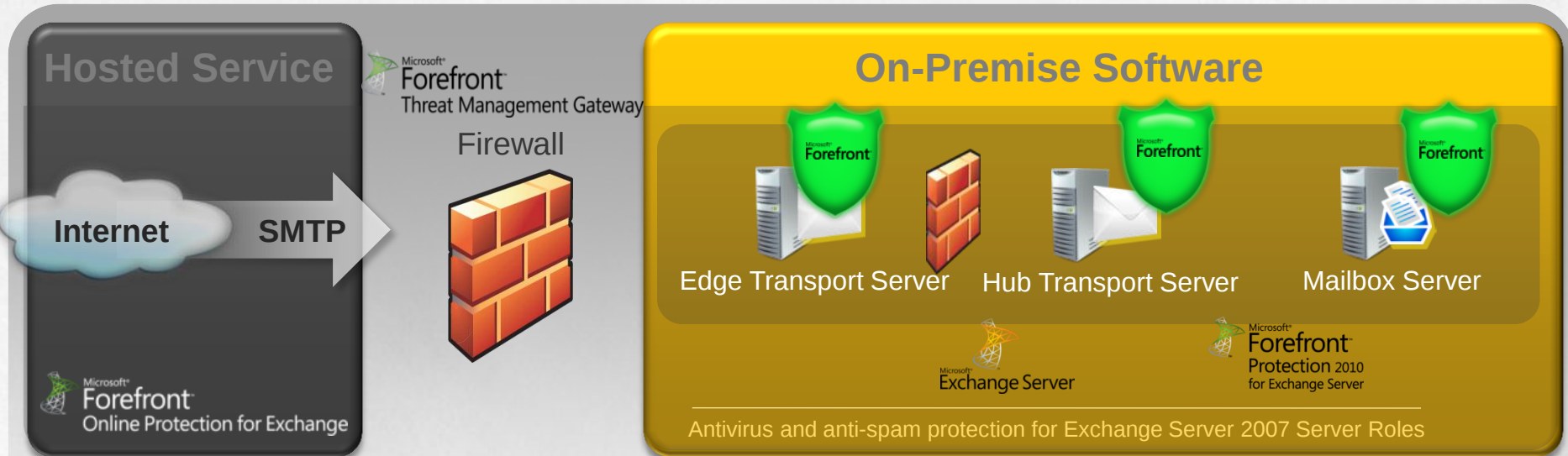
- ▶ **Optimale Performance**
 - ▶ Erkennung der Exchange-Rolle
 - ▶ AV-Stamping
 - ▶ Bias-Einstellung
- ▶ **Maximale Sicherheit**
 - ▶ Intelligentes Hintergrund-Scannen
 - ▶ Scan-On Scanner Update-Scanning
 - ▶ Proaktives Scanning
 - ▶ Echte Dateifilterung
 - ▶ Premium-AntiSpam für Exchange



FPE Architektur



FOPE & FPE



Filter ~98%
SPAM und schützt
bevor unerwünschte
E-Mail das
Unternehmensnetzwerk
erreicht

Inbound, Outbound und interne E-Mail werden auf
Malware, Spam und unerwünschten Content gefiltert.

(AV-Stamping funktioniert auch in Kombination mit
FOPE)

Systemanforderungen

Processor	x64 architecture-based with: Intel Xeon or Intel Pentium family processor that supports Intel Extended Memory 64 Technology (Intel EM64T) or AMD Opteron or AMD Athlon 64 processor that supports AMD64 platform. **
Server software	Microsoft Windows Server 2003 SP2, Microsoft Windows Server 2008, or Microsoft Windows Server 2008 R2 Microsoft Exchange Server 2007 SP1 or higher, or Microsoft Exchange Server 2010 ***
Memory	2 gigabytes (GB) of free memory in addition to that required to run Exchange server. For more information about the memory requirements for running Exchange server, consult your Exchange server planning documentation. *****
Hard Disk	2 GB of available disk space. This is in addition to the disk space required for Exchange server. Utilizing a server as a redistribution server for updates requires additional disk space.
Server	A four core server with 2.0 GHz or higher processors is recommended. Lower performing servers are supported, but message throughput is decreased. Microsoft XML Core Services (MSXML) 6.0 SP1
Additional Requirements	■ Microsoft .NET Framework 3.0 SP 1 Windows Communication Foundation or Microsoft .NET Framework 3.5 (automatically installed with Exchange Server 2010). If you are installing the Microsoft Forefront Online Protection for Exchange Gateway, .NET Framework 3.5 is required. ■ Microsoft Chart Controls for Microsoft .NET Framework 3.5. If these controls are not already present, they will be installed during the FPE installation process. ■ Windows PowerShell 1.0 ■ Client Access Server (CAS). Required only for use with the on-demand scan with Exchange Server 2010.

Demo

Forefront FPE Integration in Forefront TMG

- Forefront TMG als SMTP- und Messaging Hygiene Gateway
- Nutzung der Exchange Edge Server Transport Rolle
- Edge Transport Subscription mit internen Exchange Hub Transport Server
- „Premium“ Antispam und Antivirus mit Forefront Protection 2010 fuer Exchange

FPSMC 2010

Forefront Protection Server Management Console - Windows Internet Explorer

http://localhost/FPSMConsole/Default.aspx

Forefront Protection Server Management Console

Microsoft Forefront Protection Server Management Console 2010

Home
At a Glance
New Servers

Administration
User Management
Server Management
Server Group Management
Global Configuration
Online Protection

Quarantine Management
Exchange
SharePoint

Job Management
Packages
Jobs

Reports
Incident Detection
Spam Detection
Engine and Definition Versions

Logs
Notification Logs

Help
Online Help
Privacy Statement

At a Glance
Home > At a Glance

This pane provides a summary of your protected environment over the past 24 hours.

Detailed Summary

Exchange Spam Statistics	
Connection Filtering:	0
SMTP Filtering:	0
Content Filtering (Rejected or Deleted):	0
Backscatter Filtering:	0
Content Filtering (Quarantined):	0
Total Spam Detected:	0
Messages Scanned:	0

Exchange Incident Statistics	
Malware:	0
File Filters:	0
Keyword Filters:	0
Subject Line Filters:	0
Sender-Domain:	0
Total Incidents Detected:	0
Messages Scanned:	0

SharePoint Incident Statistics	
Malware:	0
File Filters:	0
Keyword Filters:	0
Files Detected:	0
Total Files Scanned:	0

Top 5 Viruses

Virus Name	Count
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Lust auf Links?

Forefront Protection fuer Exchange Homepage

<http://www.microsoft.com/forefront/serversecurity/exchange/en/us/default.aspx>

Microsoft Forefront Protection Blog

<http://blogs.technet.com/b/fss/>

Microsoft Forefront Homepage Marc Grote/Karsten Hentrup

<http://www.forefront-tmg.de>

MSISAFAQ

<http://www.msisafaq.de>

ISASERVER.ORG

<http://www.isaserver.org>

Forefront Exchange Foren

<http://social.technet.microsoft.com/Forums/en-US/FSENNext/threads>

Fragen?

Microsoft Forefront



Effizienz **NEU** definiert

www.forefront.de

www.microsoft.com/forefront

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- ▶ MSN: Was ist das? ☺
- ▶ Twitter: Nicht mit mir
- ▶ Facebook: Face was?

