

Microsoft Security Progress, Vision, Strategy

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Top Security Challenges

- Reducing the frequency of security updates
- Rolling out security updates efficiently
- Implementing defense-in-depth measures
- Managing access in an extended enterprise
- Better guidance to secure systems

Microsoft's Security Progress

- | | |
|--|---|
| Windows XP Service Pack 2 | <ul style="list-style-type: none"> More than 298 million copies distributed 1/3 fewer vulnerabilities; 1/2 the # of criticals 15 times less likely to be infected by malware |
| Windows Server 2003 Service Pack 1 | <ul style="list-style-type: none"> Security configuration wizard More secure by design; more secure by default More than 3 million downloads |
| Microsoft Windows AntiSpyware Beta | <ul style="list-style-type: none"> Most popular download in Microsoft history Helps protect more than 18 million customers Great feedback from SpyNet participants |
| Microsoft Windows Malicious Software Removal Tool | <ul style="list-style-type: none"> 1.3B total executions; 177 M per month Focus on most prevalent malware Dramatically reduced the # of Bot infections |
- As of September 2005

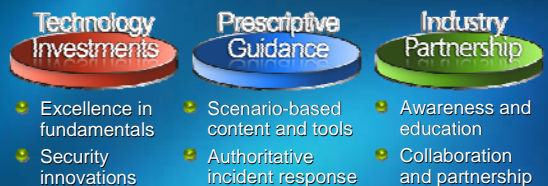
Microsoft's Security Vision Is Much More...

Establishing **trust** in computing to realize the full potential of an interconnected world

Microsoft's Security Focus

Strategy

A secure platform strengthened by security products, services and guidance to help keep customers safe



Technology Investments

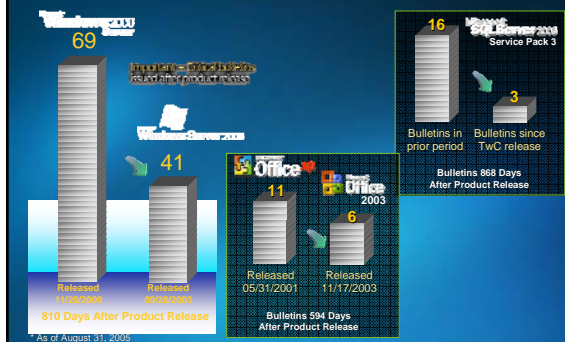


Fundamentals

- Security Development Lifecycle
- Security Response Center
- Better Updates And Tools



Focus Yielding Results

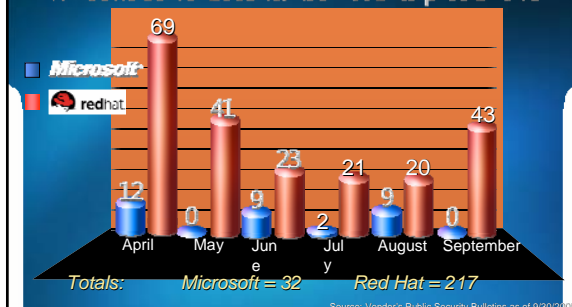


Advances In Software Updating



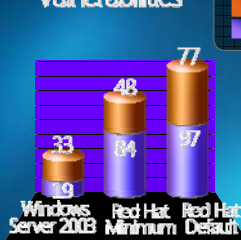
An Industry View

Vulnerabilities Corrected by Bulletins in 2005
Windows Server 2003 vs. Red Hat Enterprise Linux 3

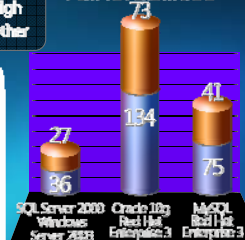


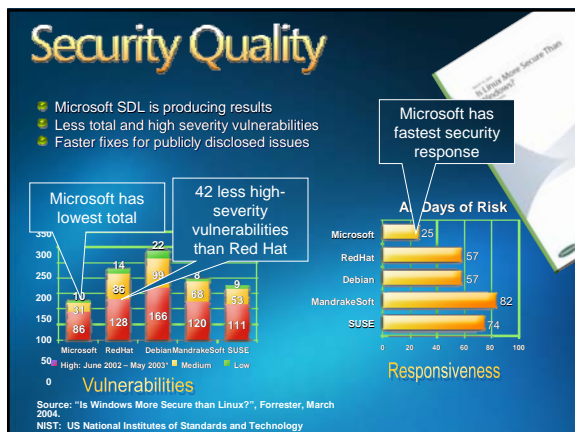
An Industry View

Web Server Role Vulnerabilities



Database Vulnerabilities





Internet Explorer 7

Security Focus Areas

- Protecting users from fraud
- Giving users better control
- Containing malicious software

Key Security Features

- Phishing filter to protect against fraudulent Web Sites
- Vista: ActiveX Opt-in to protect against unwanted actions
- Vista: Protected Mode to prevent malicious software

Windows Vista

- Windows Services Hardening
- Windows Firewall
- User Account Protection
- Secure Startup
- IPSec

Microsoft Client Protection

Provides businesses the control they need to protect against current and emerging malware threats

Unified Protection	Informed Control	Multi-level Integration
Guards against current and emerging malware threats	Prioritizes data to help focus resources on the right issues	Maximizes the value of existing investments

Microsoft Antigen Security Products

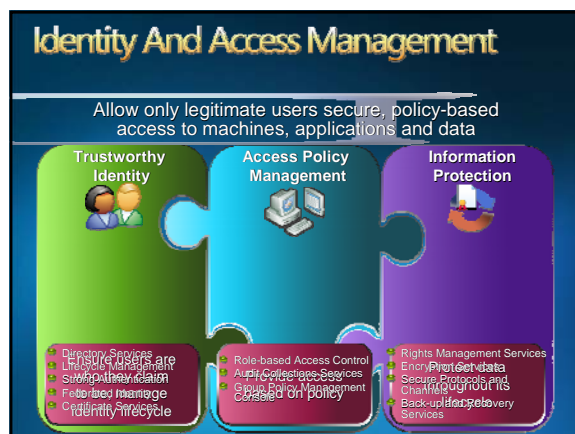
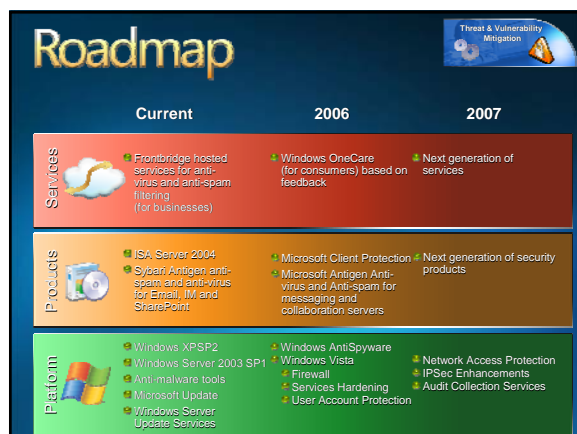
Microsoft Antigen Line of Products

- Antigen for Exchange
- Advanced Spam Manager
- Antigen for SharePoint
- Antigen for Internet Messaging
- Antigen for SMTP Gateway

Highlights

- Unique multi-engine approach for faster detection and broader protection
- Integrated virus and spam protection
- Integrated Microsoft AV engine

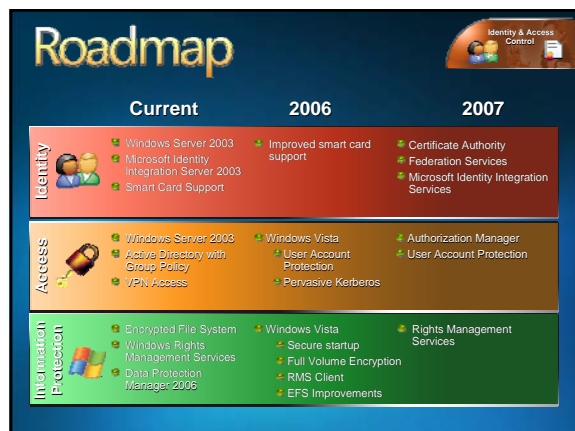
RTM in Q2 2006



Alacris Acquisition

Identity & Access Control

- Digital certificate and smart card lifecycle management
- Windows Server and Active Directory as the platform for identity and access



Prescriptive Guidance

Security Update

Security Readiness

Education & Training

www.microsoft.com/security/guidance

Law Enforcement

Industry Partnership

Public Policy

Global Infrastructure Alliance for Internet Safety

Virus Information Alliance

Consumer Awareness

ISAFE



Secure IT Alliance

Industry partners working together to improve platform security

- Strong community of security partners working together
- Enabling interoperability & integration between applications & platform
- Providing customers with a breadth of Alliance-based security solutions

Microsoft
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In The Last 30 Minutes...

Did you realize?

- 1 Over 1,500 IT Pro's visited security content on Microsoft.com
- 2 250 customers downloaded Windows Server 2003 SP1
- 3 Over 50,000 users ran the Malicious Software Removal Tool
 - 2 instances of the Sasser worm were removed
 - 149 Bot infections were found and removed
- 4 Over 18,000 additional users installed the Windows AntiSpyware Beta
- 5 ~7,500 pieces of spyware and other potentially unwanted software were removed

In The Last 45 Minutes...

Did you realize?

- 1 Over 2,250 IT Pro's visited security content on Microsoft.com
- 2 375 customers downloaded Windows Server 2003 SP1
- 3 Over 75,000 users ran the Malicious Software Removal Tool
 - 3 instances of the Sasser worm were removed
 - 223 Bot infections were found and removed
- 4 Over 27,000 additional users installed the Windows AntiSpyware Beta
- 5 ~11,250 pieces of spyware and other potentially unwanted software were removed

In The Last 90 Minutes

Did you realize?

- 1 Over 4,500 IT Pro's visited security content on Microsoft.com
- 2 750 customers downloaded Windows Server 2003 SP1
- 3 Over 150,000 users ran the Malicious Software Removal Tool
 - 6 instances of the Sasser worm were removed
 - 445 Bot infections were found and removed
- 4 Over 54,000 additional users installed the Windows AntiSpyware Beta
- 5 ~22,500 pieces of spyware and other potentially unwanted software were removed