



Check Point
SOFTWARE TECHNOLOGIES LTD.
We Secure the Internet.

**Protecting Research
Data and Controlling
Network Usage**

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Global Security Leader



Leader	▶ Global firewall/VPN leader and mobile data encryption leader ▶ 170,000 protected businesses ▶ 60 million users ▶ 100% of Fortune 100
100% Security	▶ 100% focus on security ▶ 1,500 security experts ▶ 66,000 Check Point certified professionals worldwide ▶ From Firewall-1 to Software Blades
Global Footprint	▶ 2,300 employees, HQ in Israel and USA, 80 offices in 30 countries ▶ 3,000 partners in 88 countries ▶ 250 stocking locations worldwide ▶ 120 authorized training centers

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Agenda



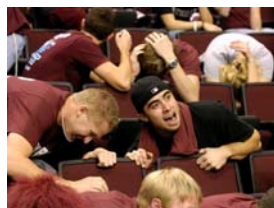
- 1 Challenges
- 2 Full disk Encryption
- 3 Media Encryption/DLP
- 4 Management/Application awareness



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Challenges



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Challenges



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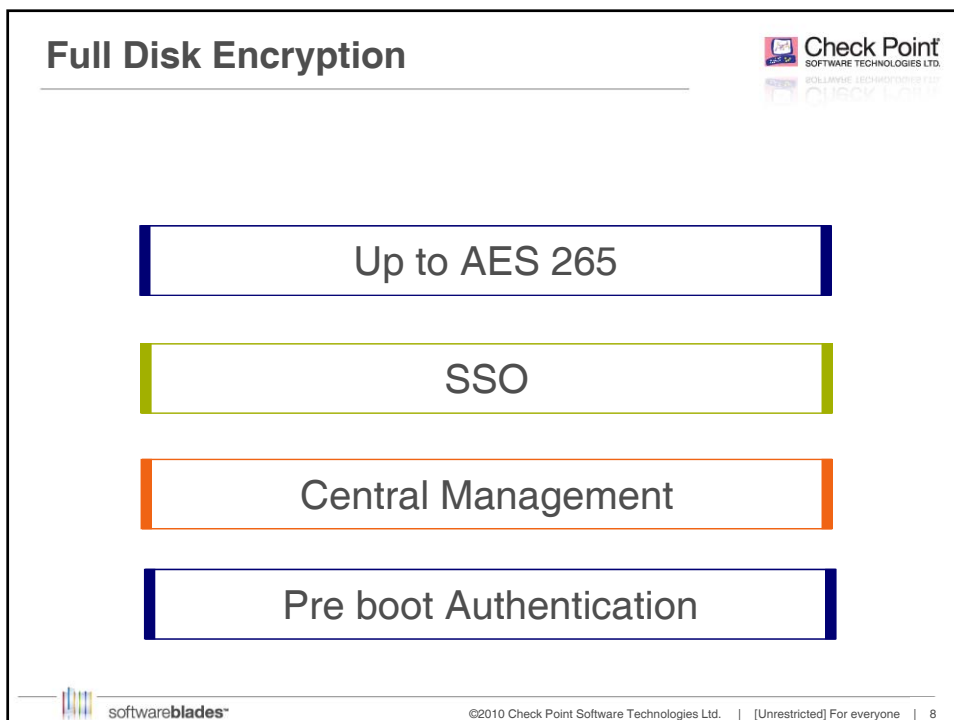
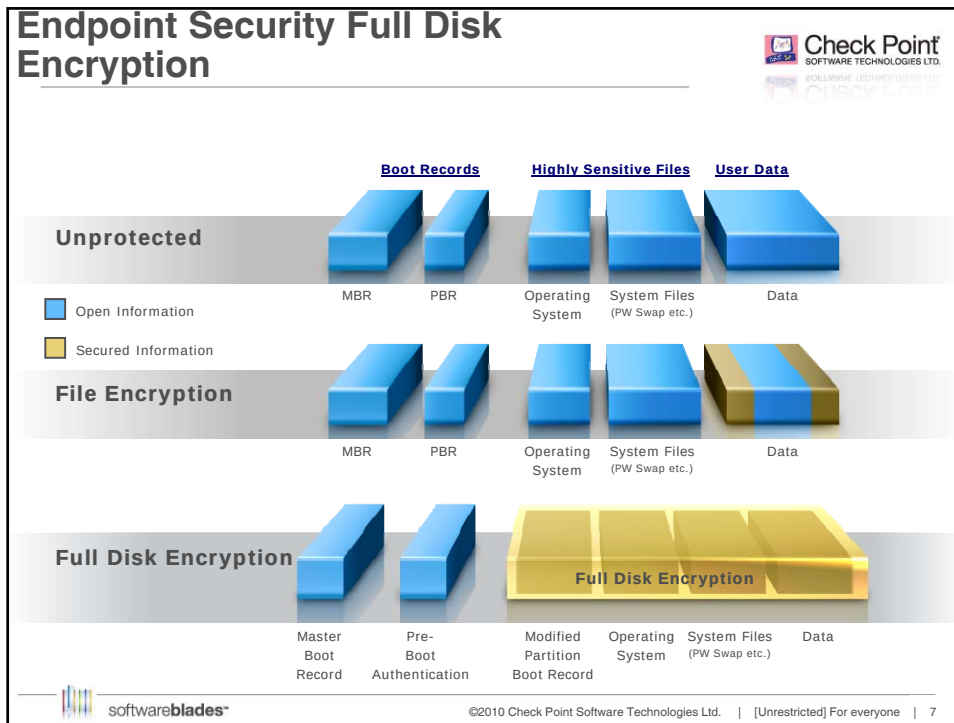
Agenda

- 1 Challenges
- 2 **Full Disk Encryption**
- 3 Media Encryption/DLP
- 4 Management/Application awareness



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Agenda



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File-based Encryption



- Encrypt files and folders



- Protect individual files
- Distribute sensitive information securely

New option when deploying Endpoint Security

Check Point Endpoint Security - R73

Configuration

☐ Firewall / Anti-malware / WebCheck / VPN
Select the Endpoint Security installation package to be deployed.
Package: _____

☐ Full Disk Encryption
Select the Full Disk Encryption installation profile to be deployed.
Profile: _____

☒ Media Encryption / Port Protection
Enter the Media Encryption Server IP address (or LDAP name) and
IP Address or LDAP Name: 1.1.1.100

☒ File Based Encryption
Profile: c:\profile.tpp

< Back



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File-based Encryption



Secure files and folders located anywhere

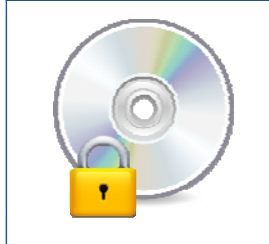
On endpoints



On removable media



On DVDs and CDs



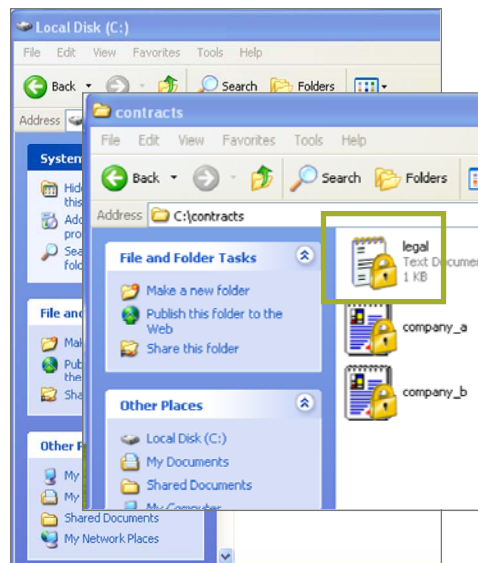
- Uses the strongest government-certified encryption algorithms



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Protected Folders



- Create protected folders to secure sensitive information
- Drag files to protected folders for automatic encryption



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Encrypted Packages

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Distribute sensitive files securely

Create encrypted .EXE and .ISO packages for secure file distribution



critical.exe importa

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Nero Multimedia Software Integration

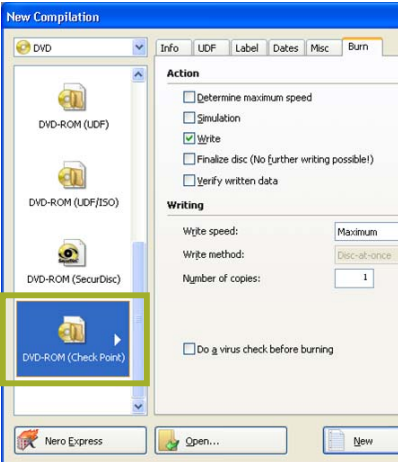
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Transparent encryption of DVDs and CDs

- Seamless integration with Nero 9 multimedia software

nero 9

- Provides centrally enforced encryption of DVDs and CDs burned with endpoint PCs



Nero 9 interface

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Multi-layered Endpoint Protection



“It is clear that signature-based protection mechanisms...are dead.” - Peter Firstbrook, Gartner 2009

Check Point Endpoint Innovation

Virtualizes your web-browser, protecting it from drive-by downloads

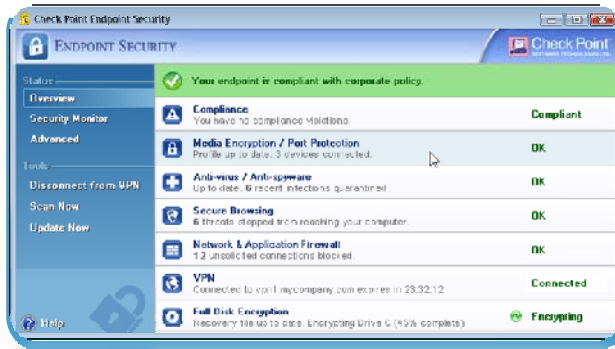
Protects your endpoint from unsecure and, malicious applications



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Transparent User Experience



Single:

Interface

Agent

Scan

Login



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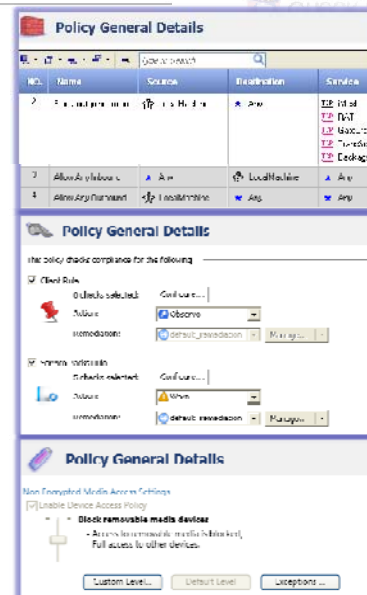
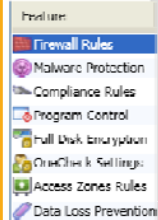
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Management and Reporting



Unified management for all endpoint components

Simplified policy settings



Firewall Rules

Compliance Rules

Data Loss Prevention



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User Aware Management

Granular endpoint-security visibility and management

The screenshot displays the 'User - veronicaFull, Machine: ver51' interface. It includes sections for Compliance (User is Compliant), Encryption (85%), and Malware Protection (2 infections found). The Directory Information section shows User Name: veronicaFull, Login Name: veronicaFull, E-Mail, Account Expiration: Monday, January 01, 0001, and Member of Groups: Administrators, Domain Admins. The Machine Info section shows Machine Name: ver51 and Operating System: Windows. A 'Policy Assignment' window is open, showing a table of assigned policies:

Feature	Status	Policy Name
Malware Protection	Connected	Malware - veronica
Access Zones Rules	Connected	Use Security Policy

Annotations on the screenshot include:

- User / Endpoint information and security status** (pointing to the user and machine info sections)
- Direct policy assignment for users** (pointing to the Policy Assignment window)
- Policy assignment exceptions view** (pointing to the 'My Organization' tree on the right)

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Organization-Centric Management

Organizational tree root

The screenshot displays the 'My Organization' tree structure. The tree includes the following nodes:

- My Organization
 - Directories
 - Sample AD
 - Computers
 - Users
 - Domain Controllers
 - Management
 - Executive Management
 - Middle Management
 - Finance
 - Purchasing
 - Payroll
 - Sales
 - EMEA
 - USA
 - Production
 - Site 1
 - Site 2
 - HR
 - Sample AD All Groups
 - Networks
 - Other Users/Computers

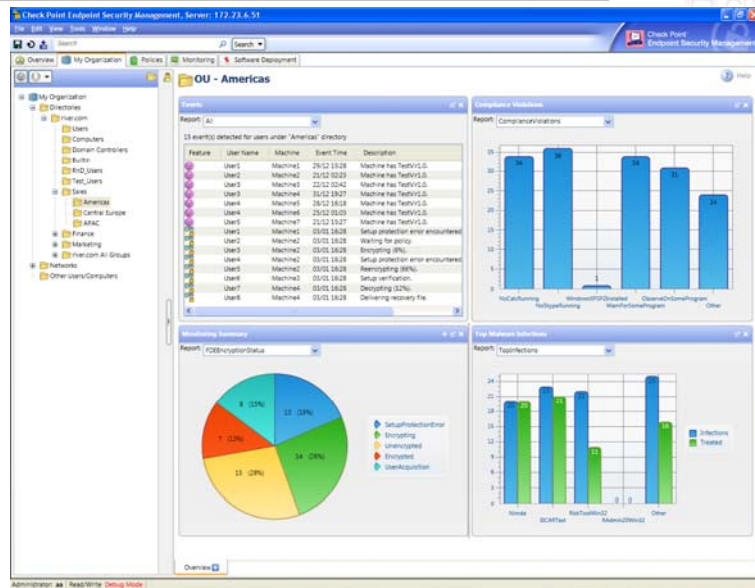
A list of features is shown in a box:

- Multiple levels of inheritance
- Granular exceptions mechanism
- Policies for groups / networks
- Define specific behavior when
 - Connected to Enterprise
 - Disconnected
 - Non-Compliant

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Organization-Centric Monitoring

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Granular Device Tracking

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Track removable devices individually

- Create unique serial numbers and assign to removable devices
- Track and log devices by serial number for reporting and compliance



Device serial number: 99900...

Log event

Device information

Device display name: Disk drive

Device friendly name: Kingston DataTraveler 2.0 USB De

Manufacturer: (Standard disk drives)

Enumerator: USBSTOR

Removable device: Yes

Device class: (4D38E967-E325-11CE-BFCC-108002EE10318)

Device ID strings: USBSTOR\Disk\KingstonDataTraveler_2.01.03
USBSTOR\Disk\KingstonDataTraveler_2.0
USBSTOR\Disk\KingstonDataTraveler_2.01
KingstonDataTraveler_2.01

Device serial number: 99900000000000000000000000000000

Add this device to device manager...

OK Cancel Apply Help



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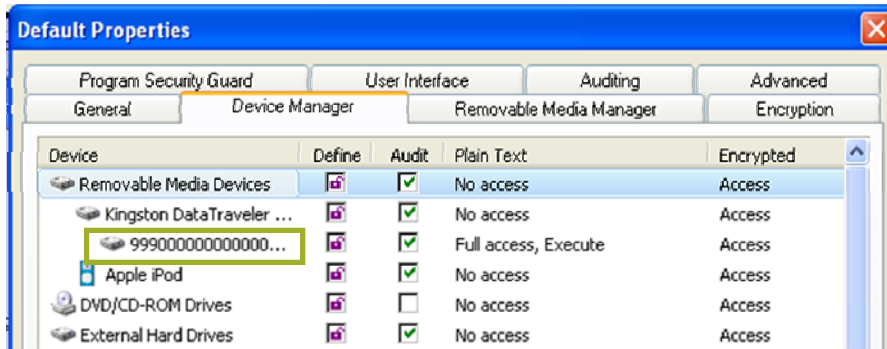
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Granular Device Management



Manage removable devices individually

- **Rename** or **group** devices for easy management
- Assign **individual** or **global** security policies



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Summary of our solution



Container

Software Blades



Software blade

Firewall and Security Compliance

Full Disk Encryption

DLP

Remote Access

Anti-Malware / Program Control

WebCheck Secure Browsing

Total Endpoint Security



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