Check Point software**blades**

Secure. Flexible. Simple

Ari Tarvainen
Country Manager
Baltic & Finland

total**security**™

[Unrestricted]—For everyone

Check Point
SOFTWARE TECHNOLOGIES LTD.

2007
2008
2009

Who are we?

The security challenge

Introducing Software Blades

Software Blades Offering

Summary

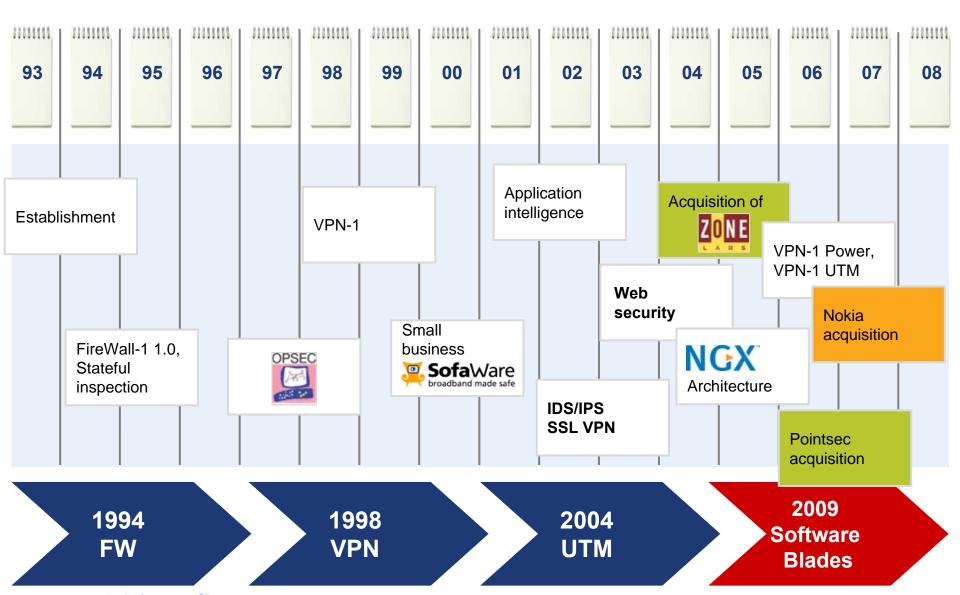total**security**™

A global security leader

Leader
- Global leader in firewall/VPN
  Global leader in mobile data encryption
- >100,000 protected businesses
- >60 million users
- 100% of Fortune 100 are customers

100% security
- 100% focus on security
- >1,500 security experts
- From FW-1 to software blade

Global
- 2,300 employees
- >80 offices, 30 countries
- >3,000 partners, 88 countries
- HQ in Israel and U.S.A.

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* Frost & Sullivan

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Track record of innovation

93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08

Establishment

VPN-1

Application intelligence

Acquisition of ZONE LABS

VPN-1 Power, VPN-1 UTM

FireWall-1 1.0, Stateful inspection

OPSEC

Small business SofaWare broadband made safe

Web security

Nokia acquisition

NGX Architecture

IDS/IPS SSL VPN

Pointsec acquisition

1994 FW → **1998 VPN** → **2004 UTM** → **2009 Software Blades**

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At the origin of many core technologies

Stateful Inspection I

patent
5,606,668

Stateful Inspection II

patent
5,835,726

TrueVector Engine I

patent
5,987,611

TrueVector Engine II

patent
6,850,943

Cooperative Enforcement

patent
6,873,988

SecureXL

patent
6,496,935

- **Significant R&D investment**

- **More then 1,500 security experts**

Leadership confirmed

VB100 Award	Leader—Magic Quadrant Enterprise Network FW	Best Full Encryption product	Best Enterprise Firewall	Tech Innovator UTM-1 Total Security
vb 100 VIRUS virusbtn.com	Gartner	Info Security Products Guide 2009 GLOBAL PRODUCT EXCELLENCE AWARDS CUSTOMER TRUST	SC MAGAZINE AWARDS	var Business TECHINNOVATOR WINNER 08
2009	**2009**	**2009**	**2008**	**2008**

Leader—Magic Quadrant Mobile Data Protection	Readers' Choice Award Information Security	Product Leadership Award Endpoint	Leader—Magic Quadrant Personal Firewalls	Best SOHO Security Solution
Gartner	INFORMATION SECURITY 2007 SearchSecurity.com	2007 Product Leadership Awards SearchNetworking.com	Gartner	SC MAGAZINE AWARDS
2008	**2007**	**2007**	**2006**	**2006**

Securing everyday's life

Example of daily activities involving Check Point

Online bank balance check

Hospital record update

Social network update

Supermarket checkout

PDA email check

Credit card payment

ATM withdrawal

ERP supplier catalog update

Remote data backup

Opening of a new branch

Setup a mobile office at a client
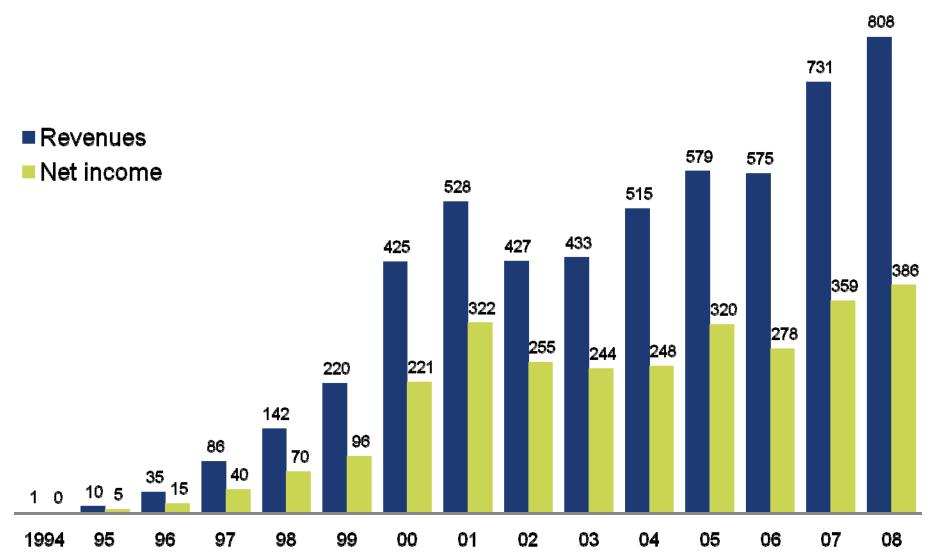
Check today's sales orders

Update this year's bonuses

Log into a WiFi hotspot

totalsecurity™
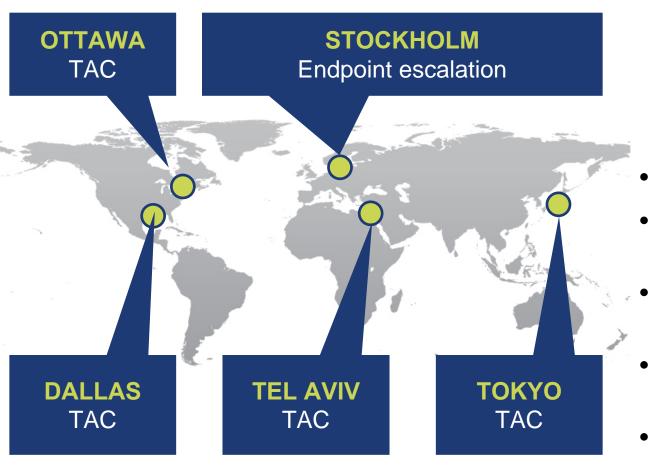
24/7 support for the most critical environments

OTTAWA
TAC

STOCKHOLM
Endpoint escalation

DALLAS
TAC

TEL AVIV
TAC

TOKYO
TAC

The Year's Ten Best
Web Support Sites

- Award-winning support

- Always-on 24 X 7 coverage

- Best-in-class electronic support tools

- World-wide material inventory

- Online support in 150 countries / 1,000 metropolitan areas

ONE INTEGRATED APPLIANCE
ONE SECURITY SOLUTION

EXTENDED GLOBAL 24/7
SUPPORT INFRASTRUCTURE

LOWER **TCO** TO CUSTOMERS

Clear customer benefits

V A L U E →

1 SKU

More appliances to choose from

Better TCO (trade-in, support rate, free IPS)

Integrated solutions with software blades

An extended global infrastructure with onsite support

The basis: all commitments/SLAs honored

Agenda

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Software Blades Offering

Summary

[Unrestricted]—For everyone   13

Laws, Rules, Regulations and Compliance

Corporate Reputation

Business Continuity

Securing the knowledge and IPR

Cost Savings

[Unrestricted]—For everyone

Check Point
SOFTWARE TECHNOLOGIES LTD.

EVERY **ORGANIZATION**
EVERY **DEVICE**
EVERY **APPLICATION**
EVERY **PERSON**

NEEDS **PROTECTION**

- **.. but are we securing business essentials with correct measures?**

Check Point
SOFTWARE TECHNOLOGIES LTD.

Impossible to manage

Complicated

Complex

Too many vendors

Can such complexity deliver a high level of security?

Security needs

*Data based on our subjective assessment.
Size of bubble represents relative size.
Data not accurate, nor conclusive.

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SOFTWARE TECHNOLOGIES LTD.

WANT TO **PROTECT**
MY BUSINESS

WITHOUT **HAVING TO:**

Worry about performance

Replace existing infrastructure

Pay before actually need

Take on board yet another vendor with yet another point solution

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SOFTWARE TECHNOLOGIES LTD.

GATEWAY

SECURE AGAINST EVOLVING THREATS

ENDPOINT

KEEP IT SIMPLE & MANAGABLE

GATEWAY

SUPPORT CHANGING BUSINESS NEEDS

ENDPOINT

KEEP TCO DOWN

management

total**security**™

We're Ready for the Next Step

We have the widest range of security technologies

Firewall

Highest level of security

VPN & IPS

Time is money!

Disk encryption

Simpler to manage

Anti-virus

We can make it much better for our customers!

Management

Reporting

Compliance

Monitoring

Provisioning

No need to deal with 15 vendors

Who are we?

The security challenge

Introducing
Software Blades

Software Blades
Offering

Summary

software**blades** from Check Point

How does it work?

STEP 1
Select a container based on size (# cores)
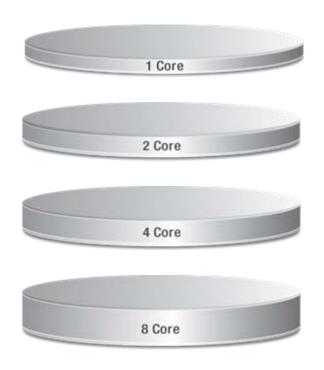
STEP 2
Select the software blades
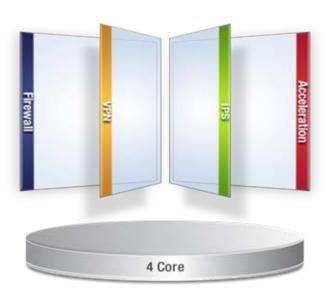
STEP 3
Create a system that is simple, flexible, secure

software**blades**

complex security problem
simple security solution
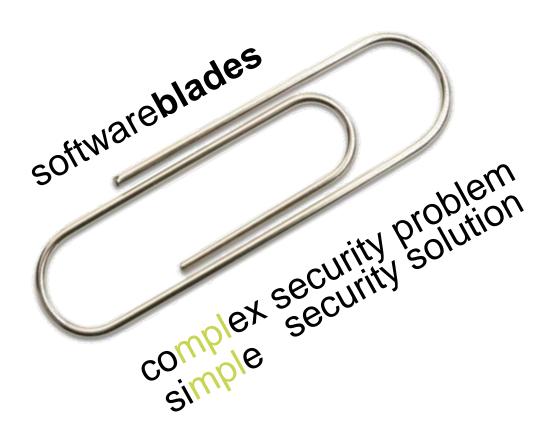
simple	deployment

simple	upgrades

simple	management

simple	business model

Who are we?

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Software Blade Offering

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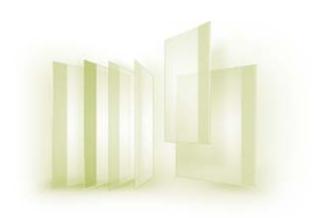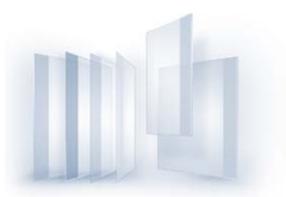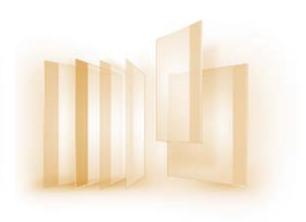
Check Point software blades: are independent, modular, and interoperable security software components such as Firewall, VPN, IPS…

Software Blades Container: is the underlying base platform that contains the logic for blades operation

- Security Gateway container includes SecurePlatform, Firewall blade and the mechanism responsible for software blades operations
- Management container includes mechanism responsible for software blades operations and comes without any blades

$\rightarrow$ Changed licensing and pricing approach

gateway**blades**

endpoint**blades**

management**blades**

[Unrestricted]—For everyone
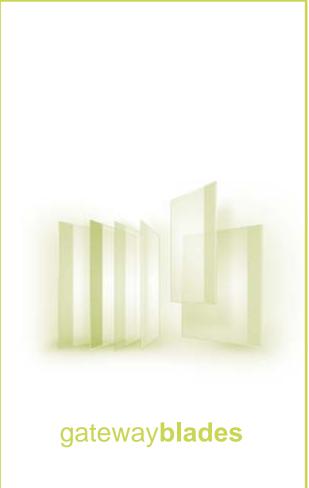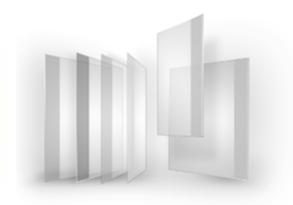
A library of software blades

NETWORK

- Voice over IP
- Acceleration, clustering
- Advanced networking
- Anti-spam, email security
- Anti-virus and anti-malware
- URL filtering
- Web security
- IPS
- Ipsec VPN
- Firewall

MANAGEMENT
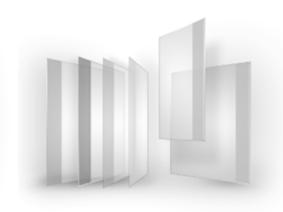
- Multi-domain management
- Event correlation
- Reporting
- IPS event analysis
- User directory
- Management portal
- Monitoring
- Logging and status
- EP policy management
- Network policy management

ENDPOINT

- Data security
- Anti-virus
- VPN
- EP application firewall
- EP network firewall

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gateway**blades**   endpoint**blades**   management**blades**

OPTION 1:
PRE-DEFINED SYSTEMS

OPTION 2:
A LA CARTE

SG103
Security Gateway
1 core
3 blades

SG205
Security Gateway
2 cores
5 blades

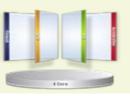**SG407**
Security Gateway
4 cores
7 blades

URL Filtering
Anti-Spam & Email Security
Acceleration & Clustering
IPS
VPN
Firewall

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A menu of gateway options

Custom blade configuration	Pre-defined System	UTM-1 appliances	IP appliances	Power-1 appliances
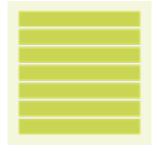
Software blades

		Pre- defined system 2, 3 or 6 blades	Pre- defined system 2, 3 or 5 blades	Pre- defined system 5 blades

Hardware platform

Open Choice	Open Choice			

Customize your gateway security
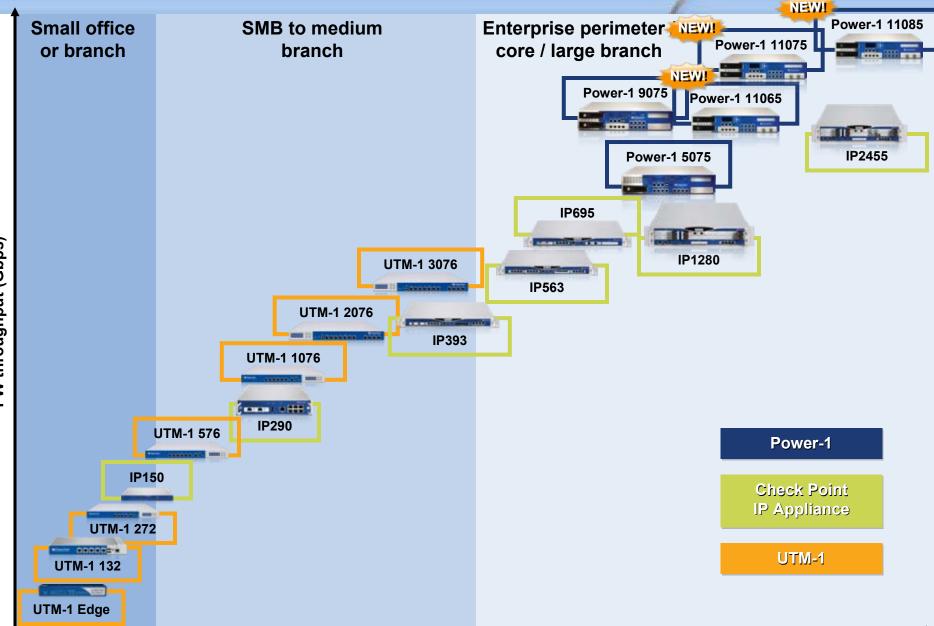
gatewayblade	firewall
gatewayblade	VPN
gatewayblade	acceleration & clustering
gatewayblade	advanced networking
gatewayblade	web security
gatewayblade	voice over IP
gatewayblade	IPS
gatewayblade	URL filtering
gatewayblade	anti-virus & anti-malware
gatewayblade	anti-spam & email security

Security perpetual blade

Security service blade

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Check Point Appliance Line

Check Point SOFTWARE TECHNOLOGIES LTD.

Small office or branch

SMB to medium branch

Enterprise perimeter / core / large branch

FW throughput (Gbps)

List price

NEW!
Power-1 11085

NEW!
Power-1 11075

NEW!
Power-1 9075

Power-1 11065

IP2455

Power-1 5075

IP695

IP1280

UTM-1 3076

IP563

UTM-1 2076

IP393

UTM-1 1076

IP290

UTM-1 576

IP150

UTM-1 272

UTM-1 132

UTM-1 Edge

Power-1

Check Point IP Appliance

UTM-1

Check Point SOFTWARE TECHNOLOGIES LTD.

- Enables tailored solutions for every business need

Voice over IP

- Centrally Managed

Acceleration, clustering

Advanced networking

- Expands without additional hardware or management complexity

Anti-spam, email security

Anti-virus and anti-malware

URL filtering

Web security

- Delivers low-cost ownership and cost-efficient protection

IPS

Ipsec VPN

Firewall

NEW!

Power-1 11000 Series

Power-1 9075

Power-1 5075

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Check Point
SOFTWARE TECHNOLOGIES LTD.

Highest performance:

Up to 14 Gbps—gateway
Up to 6.1 Gbps—IPS

Best price/performance:
$4 per Gbps
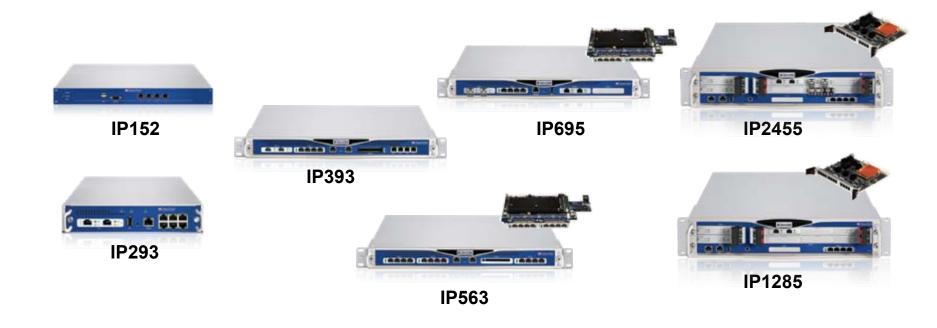
FW Blade
VPN Blade
IPS Blade
Advance Networking Blade
Acceleration & Clustering Blade

Power-1 5075

Power-1 9075

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Check Point
SOFTWARE TECHNOLOGIES LTD.

IP152

IP393

IP695

IP2455

IP293

IP563

IP1285

Delivers scalable and modular solution

Hardware acceleration with ADP
Fiber NICS option
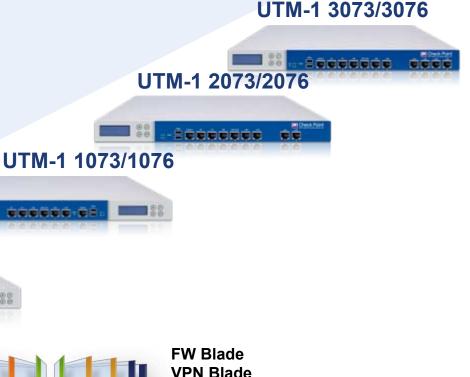
FW Blade
VPN Blade
IPS Blade
Advanced Networking Blade
Acceleration & Clustering Blade

Complete small to medium range

- New model under $3.5k
- Performance choice 0.4–4 Gbps
- Comprehensive security
- Built-in management
- Appliance package includes updates and support

UTM-1 3073/3076

UTM-1 2073/2076

UTM-1 1073/1076

UTM-1 572/576

UTM-1 272/276

UTM-1 132/136
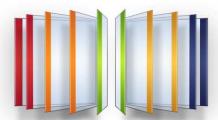
FW Blade
VPN Blade
IPS Blade
URL Filtering Blade
Anti virus & anti malware Blade
Anti spam & messaging security Blade

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The all-new IPS blade

NEW
Advanced IPS blade with a completely new threat engine
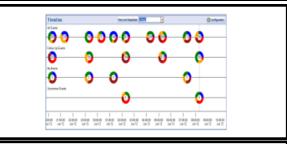
behavioral protections

signature protections

server and client

confidence indexing

10 Gbps

simple management within the CP platform

rich monitoring tools

breakthrough pricing

Free IPS software blade

FREE FOR 1 YEAR

- New IPS engine
- 2,000 protections
- Pre-emptive, accurate protection
- Simple management
- Rich monitoring tools
- Up to 10Gbps

$ 3,000 value

One product lines from Check Point

1 SKU product line
Transition to full appliance

R70 included
With R65 compatibility
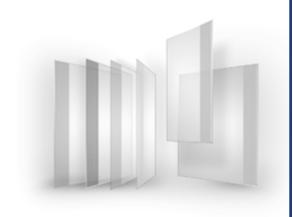
IPS Blade included
1 year security service blade
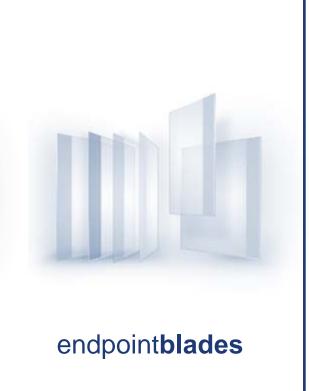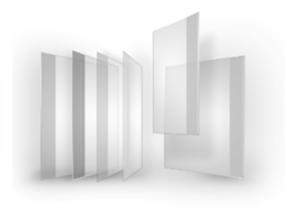
gateway**blades**

endpoint**blades**
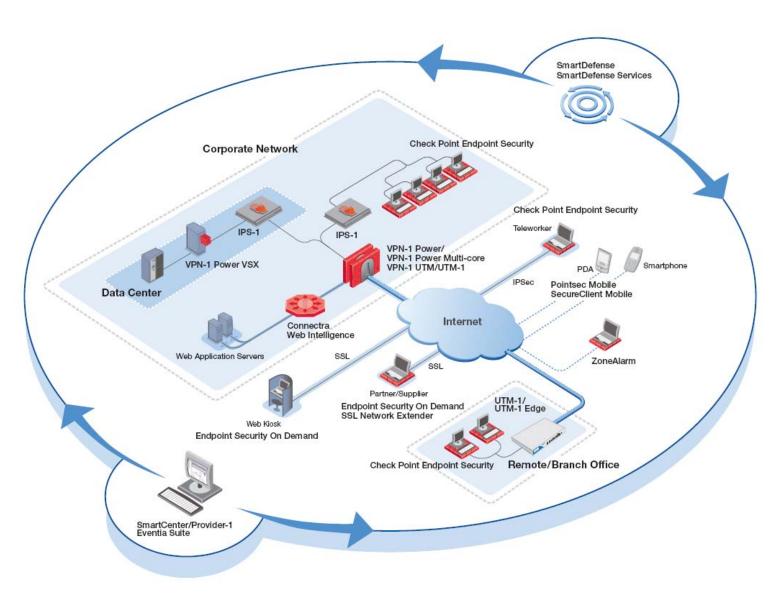
management**blades**
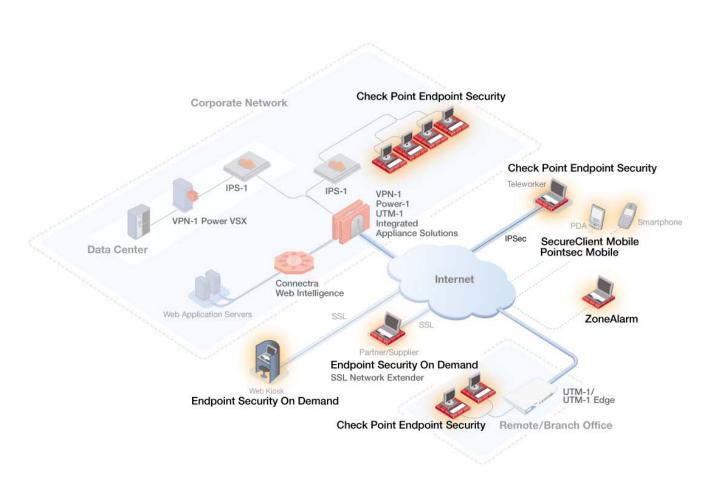
"Endpoint" – A part of the infrastructure

Check Point Endpoint Security

- A modular unified "Endpoint" -client
- One management console

| Personal Firewall Host-IPS / 802.1x NAC | Antivirus Anti-spyware | VPN Client | Full Disk Encryption | Port protection | Media Encryption |

Endpoint Security Client R70

One
GUI and "tray"

Simplified
Enrolement

Simplified
TR shooting

Userfriendly

Single endpoint security agent

Introducing the industry's only single solution for endpoint security

Firewall/NAC/program control

Antivirus/anti-spyware

Data security

Remote access/VPN

Replaces multiple vendors
with a single, simple solution

Lower deployment cost

Better security

Unique to Check Point!
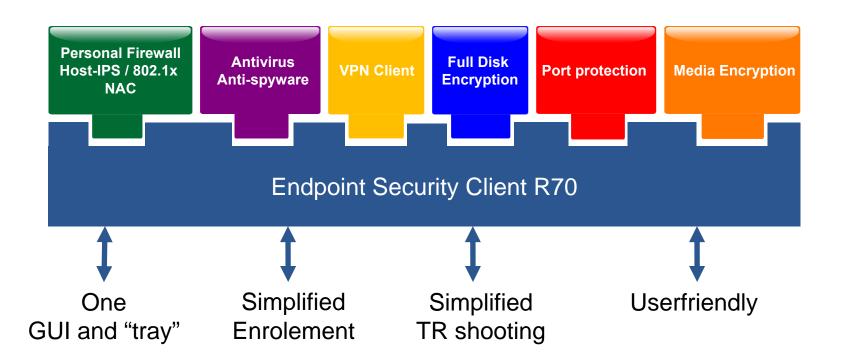
Check Point Endpoint Security

ENDPOINT SECURITY

➤ ☑ Overview
   Main
   → Product Info
   Preferences

➤ 🌐 VPN

➤ ➕ Anti-virus/spyware

➤ Firewall

➤ Program Control

➤ Full Disk Encryption

➤ Media Encryption

➤ E-mail Protection

➤ Privacy
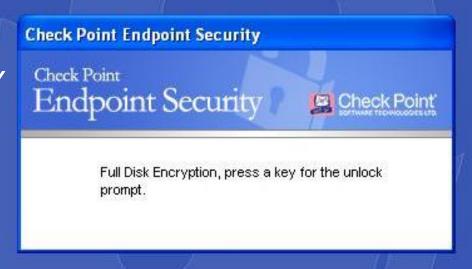
➤ Policies

➤ Alerts & Logs

Ver
Endp
True
Drive
VPN
Anti-
Anti-

totalsecurity™
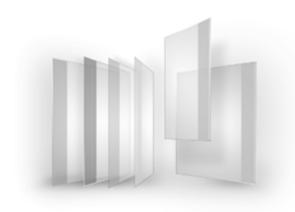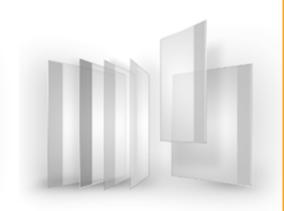
gateway**blades**

endpoint**blades**

management**blades**

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48
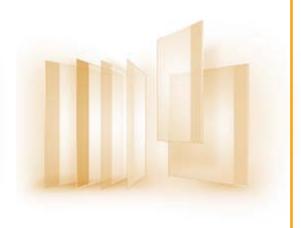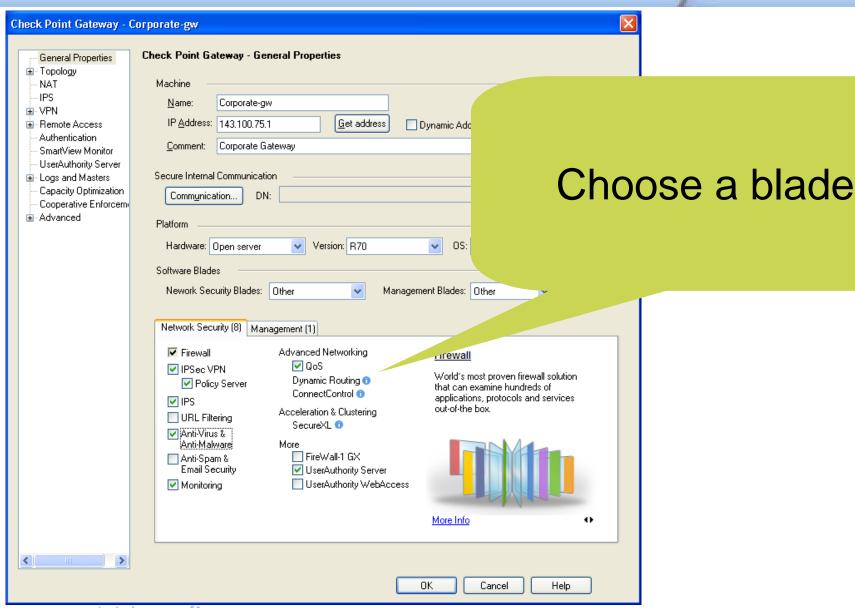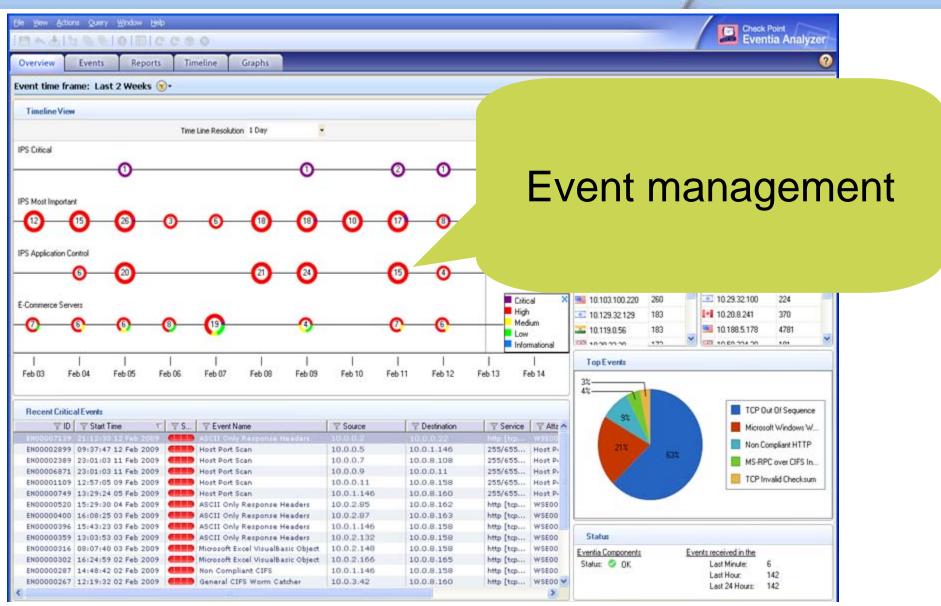
Event management
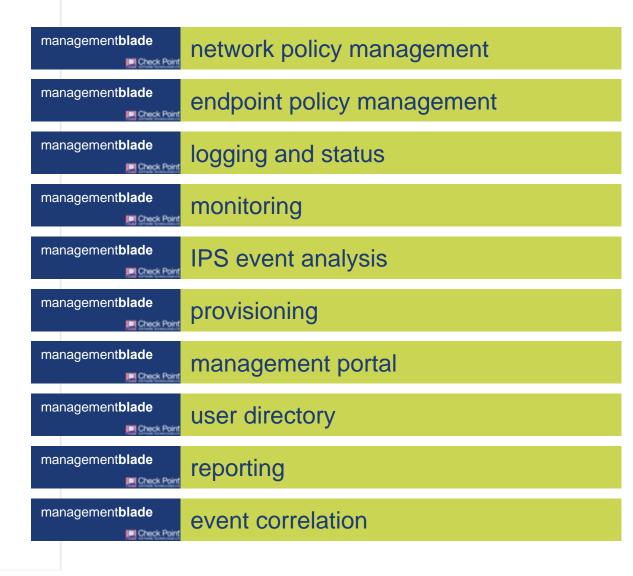
Customize your management infrastructure

management**blade**	network policy management
management**blade**	endpoint policy management
management**blade**	logging and status
management**blade**	monitoring
management**blade**	IPS event analysis
management**blade**	provisioning
management**blade**	management portal
management**blade**	user directory
management**blade**	reporting
management**blade**	event correlation

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Check Point
SOFTWARE TECHNOLOGIES LTD.

The Smartest Choice

for

Total Security Management

Smart-1 3074

The Industry's Best Security Management Just Got Better

Unified security management appliance

- Develop, manufacture and support by Check Point
- Most comprehensive end-to-end security management solution
- Streamlined deployment of integrated management for better security and less configuration

Rapid, centralized device provisioning with SmartProvisioning

- Faster provisioning of new devices
- Less network outages from miss configuration
- Higher consistency for better security
- Reduced operating expenses (OPEX)

Smart-1 Delivers

Ensures consistent policy enforcement

- Visualization of security policy
- Access to policies and software distribution
- Global security defense updates

SmartCenter R65.3

Maximize Operational efficiency

- Automated policy and software distribution
- Centralized device provisioning with Smart Provisioning

Most comprehensive security management

- Available as turn-key appliance and as software
- Security Apps Included: SmartView Monitor, SmartDefense, SmartUpdate, SmartPortal, Management HA, SmartDirectory, and SmartProvisioning

Smart-1 3074

Makes regulatory compliance easier

- SmartDefense Services updates and maintains security at all times
- Real-time monitoring of security, network, VPN tunnel, and user actives

Summary

Unified security management appliance

Rapid, centralized device provisioning with SmartProvisioning

Ensures consistent policy enforcement

Maximize Operational efficiency
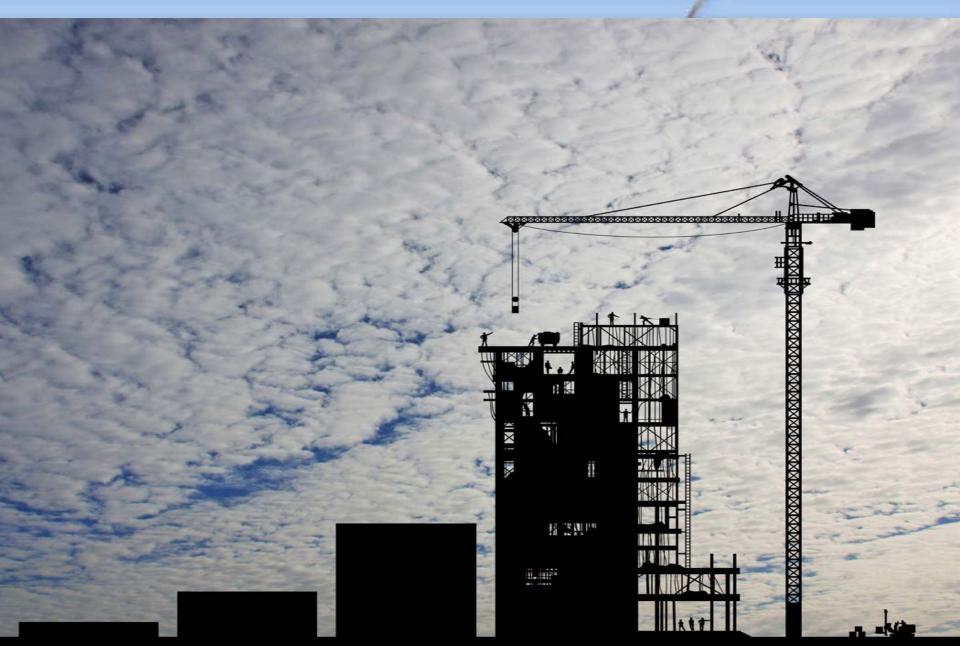
Most comprehensive security management

Makes regulatory compliance easier

**The Smartest Choice
for
Total Security Management**

Smart-1 3074

A scenario: growing your business

Basic connectivity:

SG401 container with firewall (4 cores)

Basic connectivity:

SG401 container with firewall (4 cores)

More branches and mobile users:
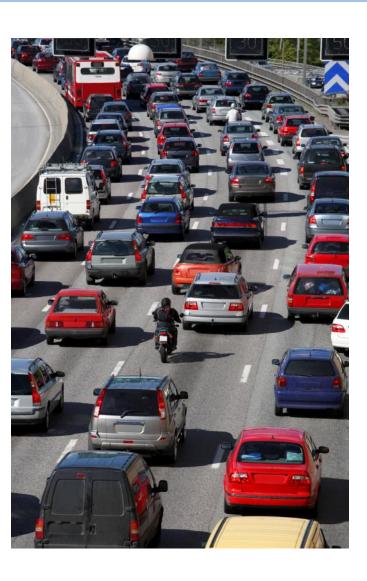
VPN blade @ $1,500

A scenario: growing your business

Basic connectivity:

SG401 container with firewall (4 cores)

More branches and mobile users:

VPN blade @ $1,500

Congested internet connection

Acceleration blade @ 1,500

[Unrestricted]—For everyone   58

A scenario: growing your business

Basic connectivity:

SG401 container with firewall (4 cores)

More branches and mobile users:

VPN blade @ $1,500

Congested internet connection

Acceleration blade @ $1,500

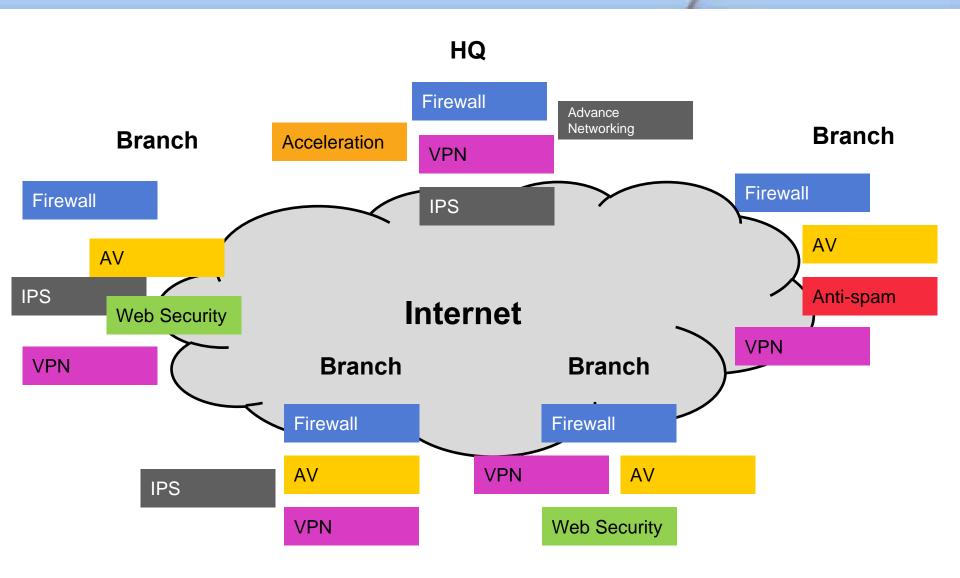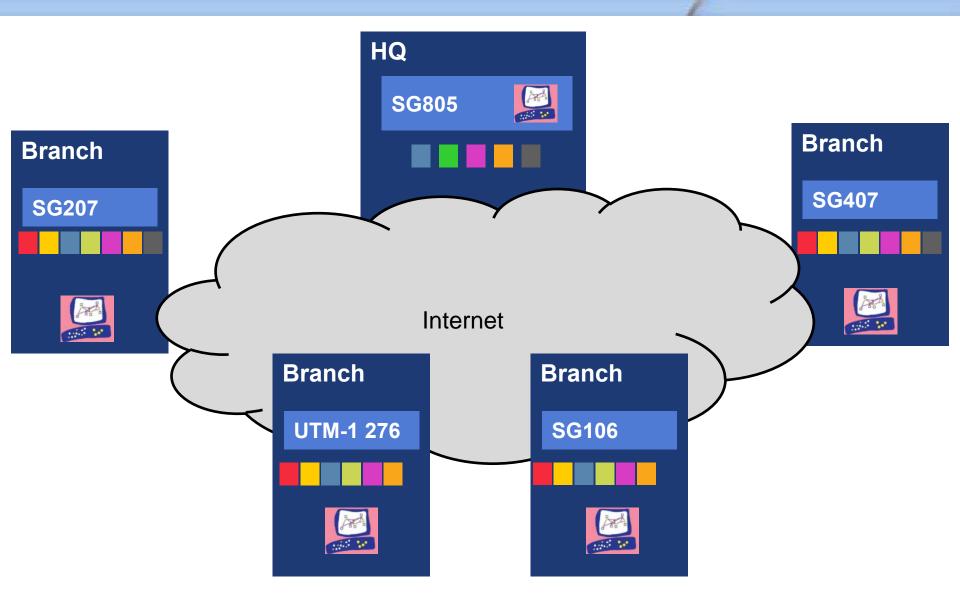**Threat of targeted attacks**

IPS blade @ $3,000

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Check Point
SOFTWARE TECHNOLOGIES LTD.

HQ

Branch

Branch

| Firewall |

| Acceleration |

| VPN |

| Advance Networking |

| IPS |

| Firewall |

| Firewall |

| AV |

| AV |

| IPS |

| Anti-spam |

| Web Security |

Internet

| VPN |

| VPN |

Branch

Branch

| Firewall |

| Firewall |

| IPS |

| AV |

| VPN |

| AV |

| VPN |

| Web Security |

[Unrestricted]—For everyone

A scenario: consolidation

HQ

SG805

Branch

SG207

Branch

SG407

Internet

Branch

UTM-1 276

Branch

SG106

Who are we?

The security challenge

Introducing Software Blades

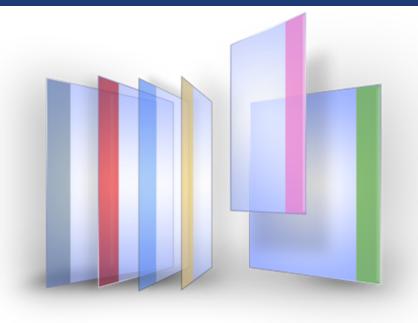Software Blades Offering

Summary

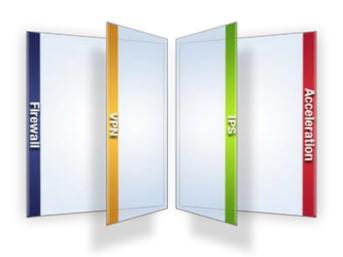| multiple point solutions / vendors	software**blades** from Check Point

multiple projects
dedicated hardware
dedicated management

one project
multiple configurations
single management

BEST SECURITY

SIMPLE

FLEXIBLE

EXTENSIBLE

software**blades** from Check Point

Questions?

* Frost & Sullivan   ⚠ [Unrestricted]—For everyone   66