Check Point
SOFTWARE TECHNOLOGIES LTD.
We Secure the Internet.

Introducing Check Point Application Control Software Blade

Patrick Hanel
Technical consultant

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Internet Applications in the Work Place

Internet Applications

an integral part of today's business…

IT staff lack strong visibility into this activity

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

The Problem with Internet Applications

Malware Threats

Zlob Malware Hijacks YouTube

Attackers are using a fake video link on YouTube

Oct 28, 2009 1:16 PM PDT

Bank Trojan botnet targets Facebook users

by Elinor Mils

June 24, 2009 4:59 PM PDT

VC's automated Twitter Feed spreads malware

by Elinor Mils

Bandwidth Hogging

YouTube and Facebook eating company bandwidth

Popular apps and bandwidth hogs, finds survey

by John E. Dunn | TechWorld

Published: 13:47 GMT, 30 November 09

Productivity Loss

British departments had disciplined 100s of employees for using Facebook

UK Freedom of Information Act

Corp. Employees Productivity is killed by 12.5% in surfing sites

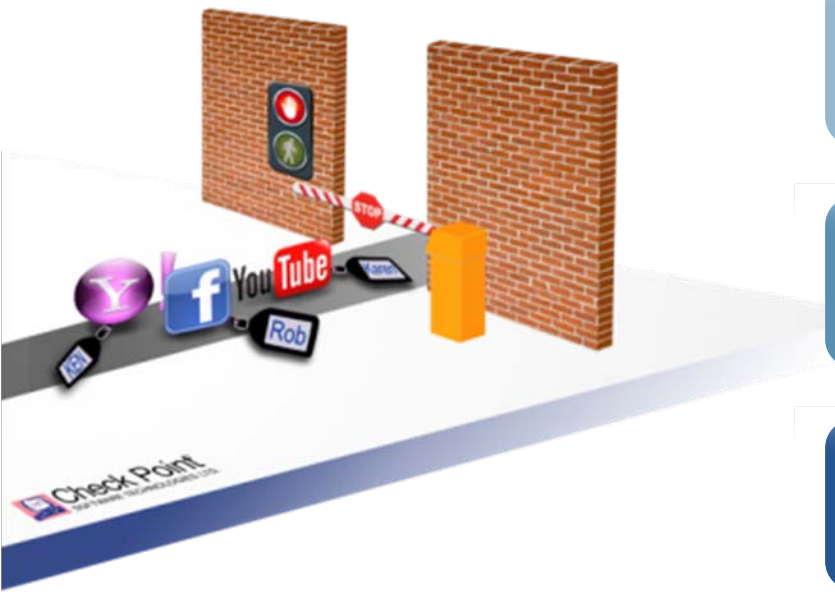
ASSOCHAM survey 12/2009

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone |

Introducing

Check Point SOFTWARE TECHNOLOGIES LTD.

Check Point Application Control Software Blade



Detect and control application usage

AppWiki—Industry's largest library with over 50,000 applications

Educate users on corporate policies

Available on EVERY gateway

Available Q4 2010

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Introducing Check Point AppWiki

Check Point SOFTWARE TECHNOLOGIES LTD.

Unparalleled Application Control

Over **4,500** applications

Over **50,000** social-network widgets

Grouped in over **150** categories

(including Web 2.0, IM, P2P, Voice & Video, File Share)

http://appwiki.checkpoint.com

World's largest
Application Classification Library

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone |

Granular Application Categorization

Application Type

- IM
- Web conferencing
- Gaming….

Advanced Properties

- Share files
- High bandwidth
- Use stealth techniques…

Security Risk

- Measures the potential risk

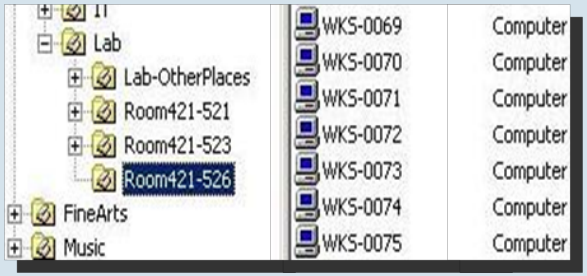
©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

User and Machine Awareness

Check Point SOFTWARE TECHNOLOGIES LTD.

Includes User Identification

Corporate Active Directory



Security Gateway

User- and group-aware

Machine-aware

User identification with both agent-based and seamless, agentless Active Directory integration

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone |

Application Detection and Usage Controls

Application Detection and Usage Controls

Source	Destination	Action	
Any	Internet	Block	
Any	Internet	Social Networking	Inform (once a month)
Support	Any	Skype	Allow

Enable access for support team

Identify, allow, block or **limit usage** of applications at user or group level

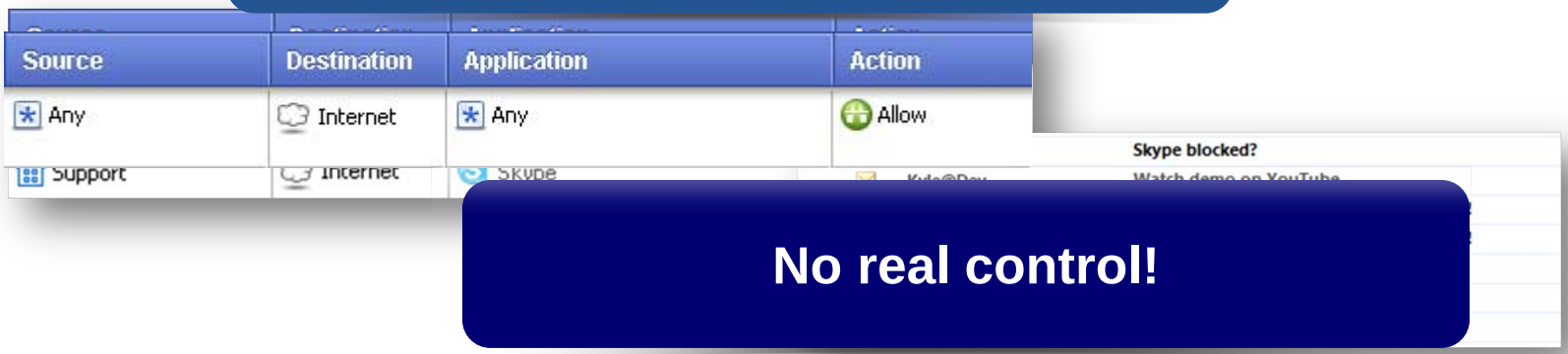
©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Reality of Standard Application Control

IT defines black & white policies

Policies don't match real usage

IT resorts to monitor only



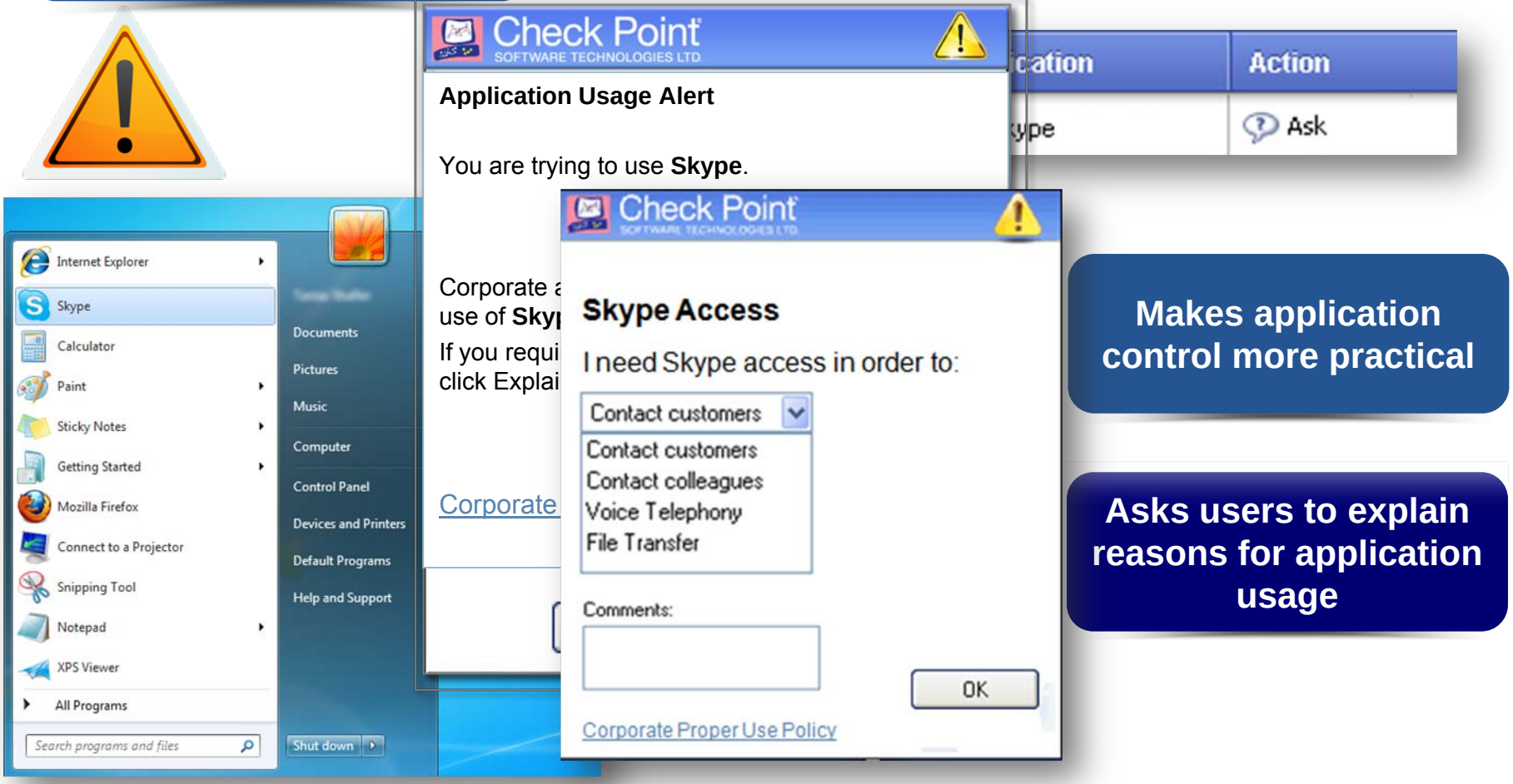
No real control!

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Check Point UserCheck Technology

Ask

Understand usage needs, while enforcing policy



Makes application control more practical

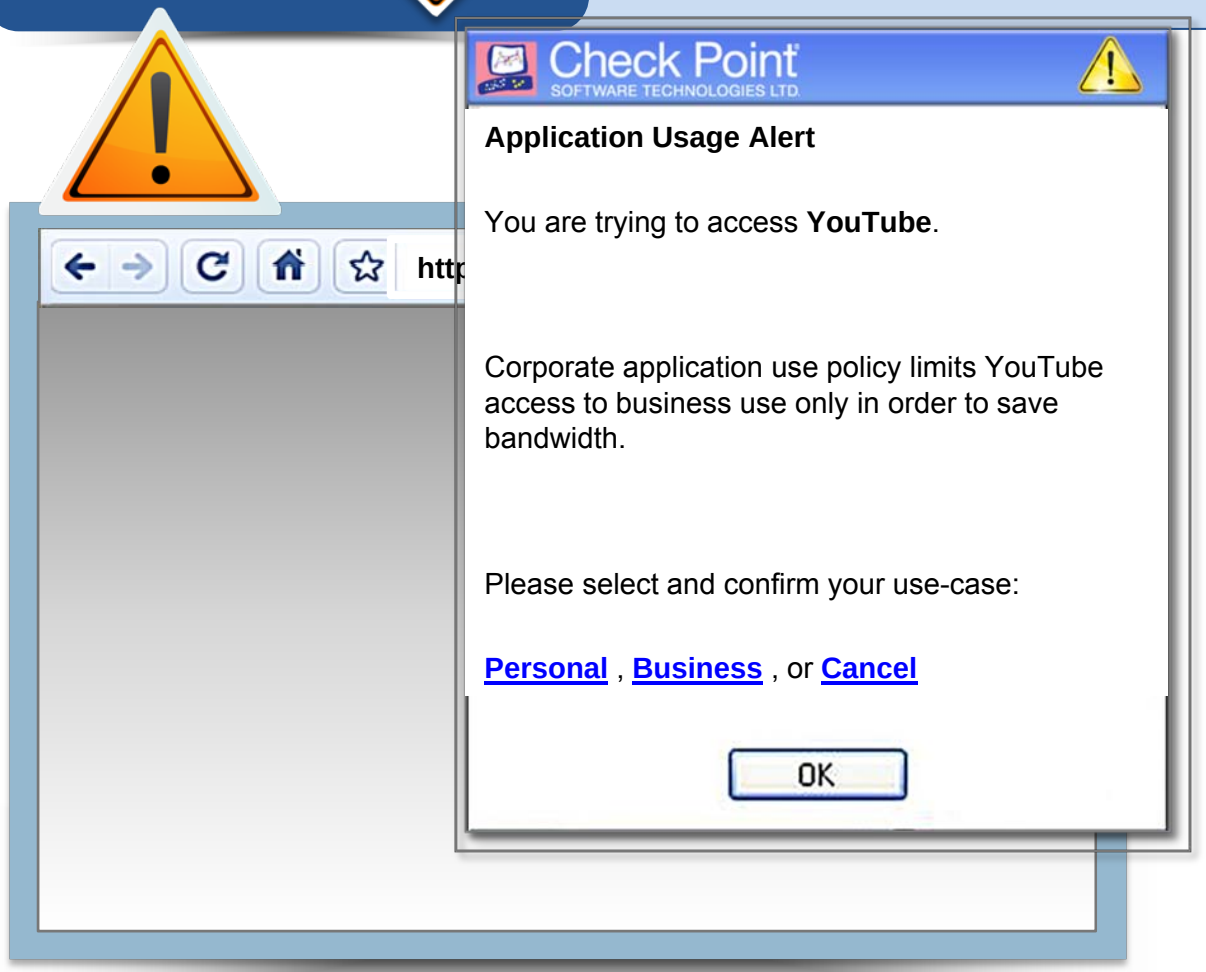
Asks users to explain reasons for application usage

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Check Point UserCheck Technology

Ask

Understand usage needs, while enforcing policy



Makes application control more practical

Asks users to confirm application usage in real-time

©2010 Check Point Software Technologies Ltd.

Check Point UserCheck Technology

Inform

Inform and educate, while allowing application usage

Alerts users in real-time

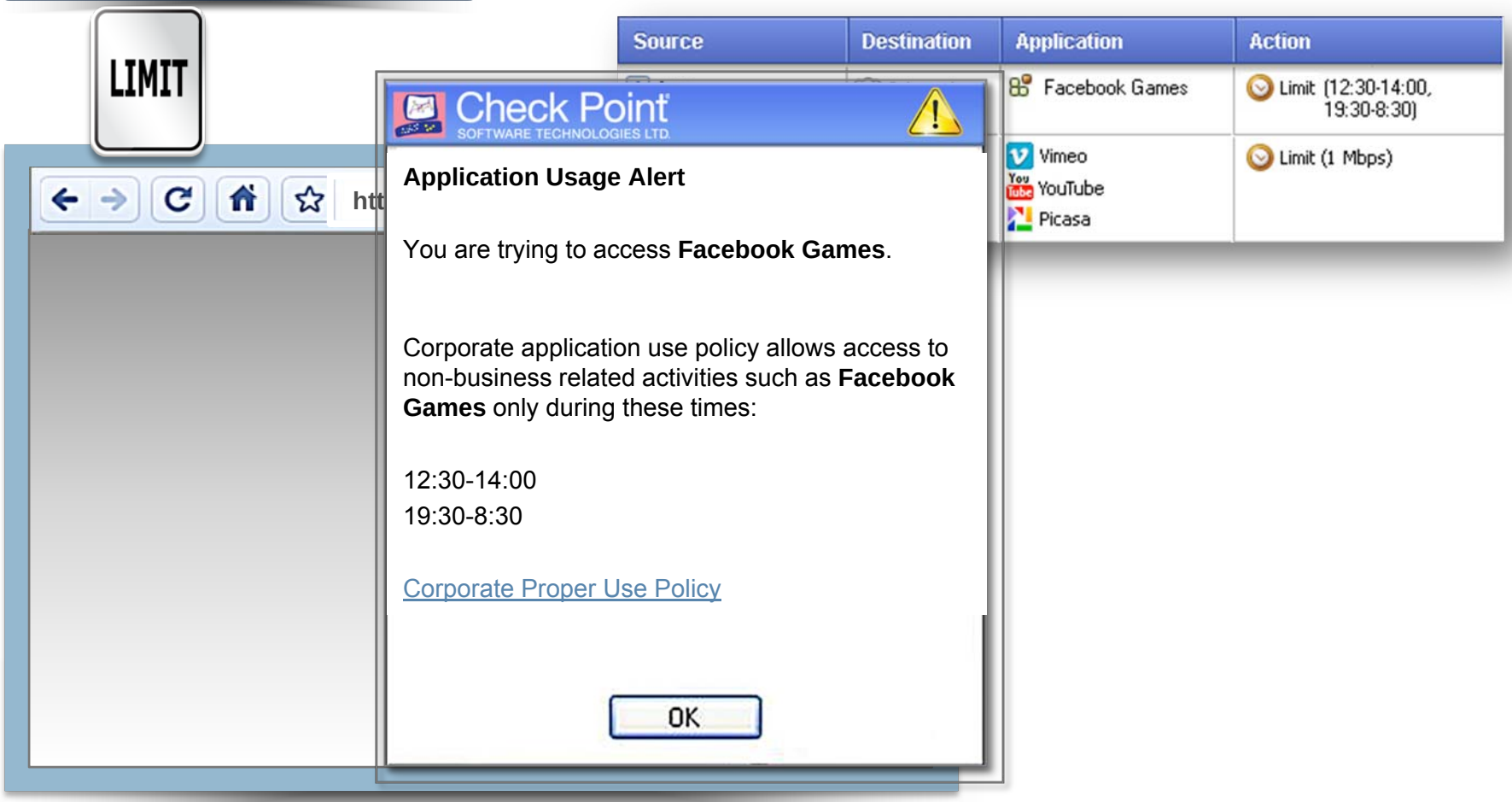
Educates users on risk and usage policies

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Check Point UserCheck Technology

Limit

Use to preserve resources (bandwidth) or control acceptable use



©2010 Check Point Software Technologies Ltd.

Practical Implementation

Involve end-users using multiple policy actions

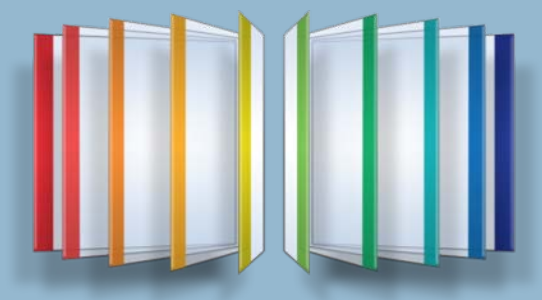
Accept / Drop		Traditional security policies are suitable for clear-cut cases
Inform		Allow but inform the user about the risks
Ask		Learn usage patterns to create better policies
Limit		Use to preserve resources (bandwidth) or control acceptable use

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Fully Integrated Into Software Blade Architecture

Check Point SOFTWARE TECHNOLOGIES LTD.

Integrated in Software Blade Architecture



Available on All Security Gateways

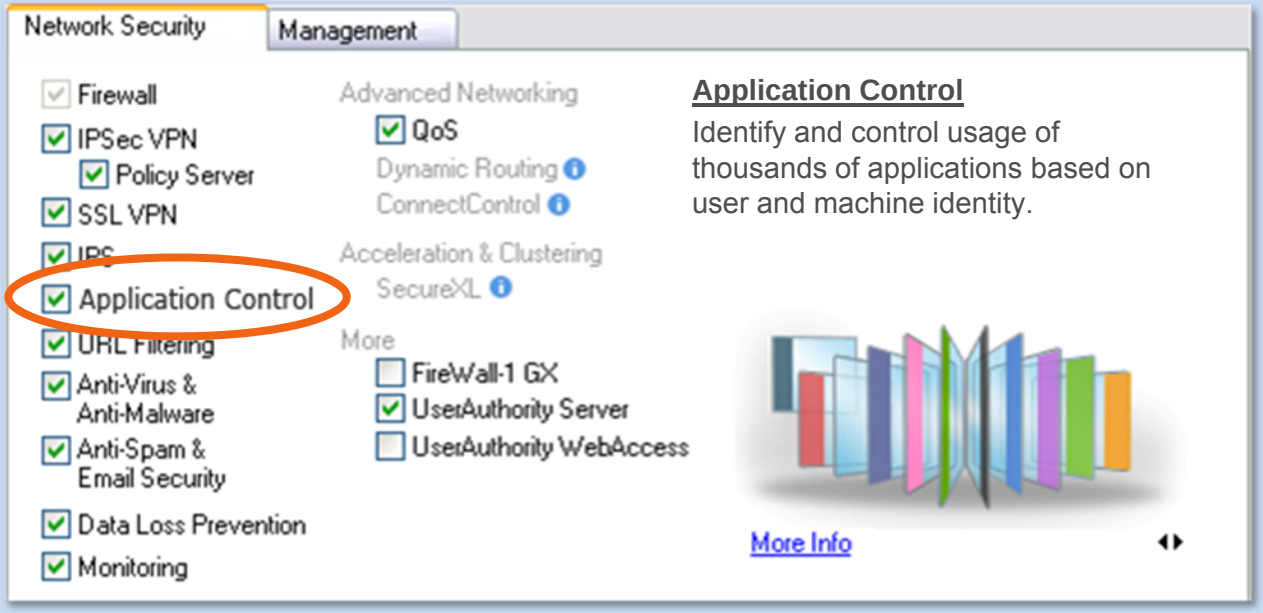
Centralized Management

New **Software Blade**

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Easy Deployment

Available on All Security Gateways

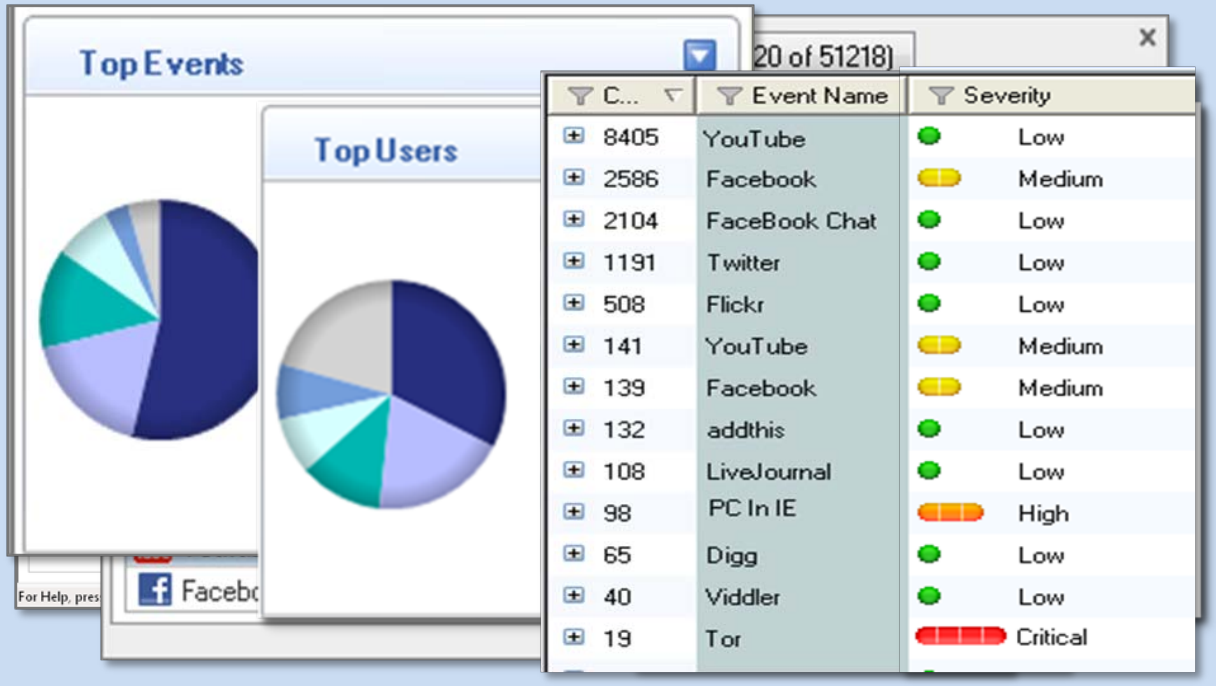


One-click activation on any Check Point security gateway

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Central Policy and Event Management

Centralized Management

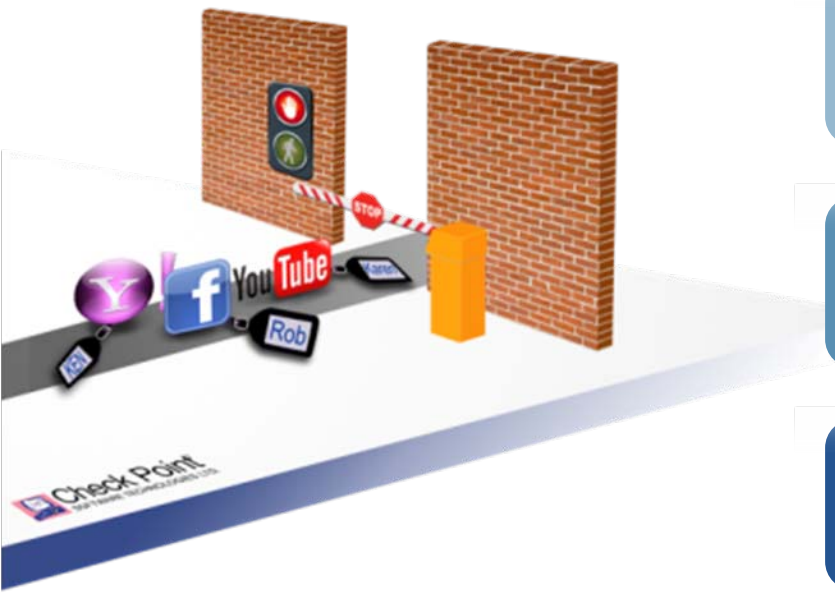


Manage application policies, users and events
from a single console

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Summary

Check Point Application Control Software Blade



- Detect and control application usage
- AppWiki—Industry's largest library with over 50,000 applications
- Educate users on corporate policies
- Available on EVERY gateway

Available Q4 2010

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone

Check Point
SOFTWARE TECHNOLOGIES LTD.
We Secure the Internet.

Thank You!

©2010 Check Point Software Technologies Ltd. | [Unrestricted] For everyone