



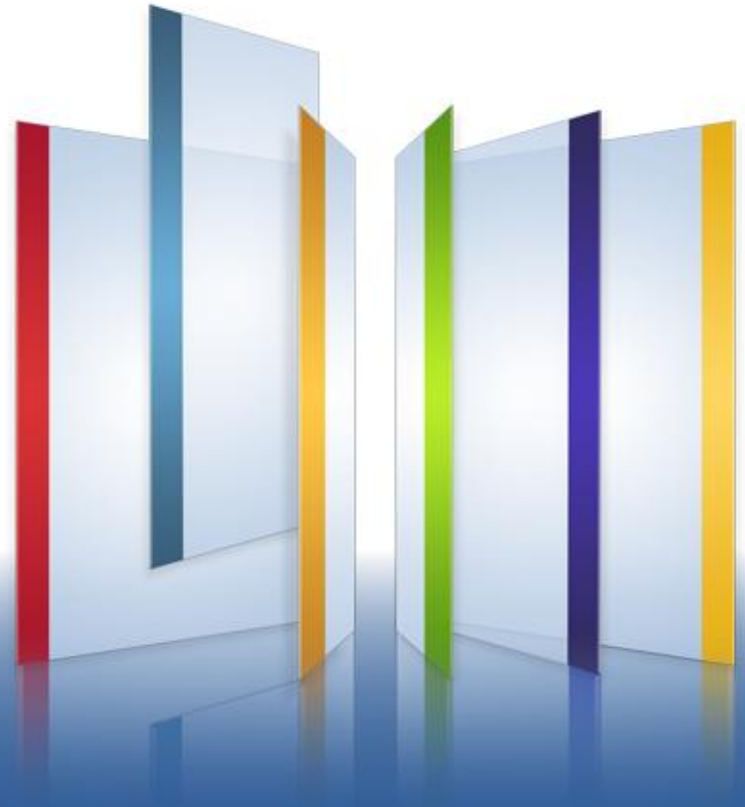
Check Point®
SOFTWARE TECHNOLOGIES LTD.

We Secure the Internet.

Securing the cloud

Bill Nikolopoulos

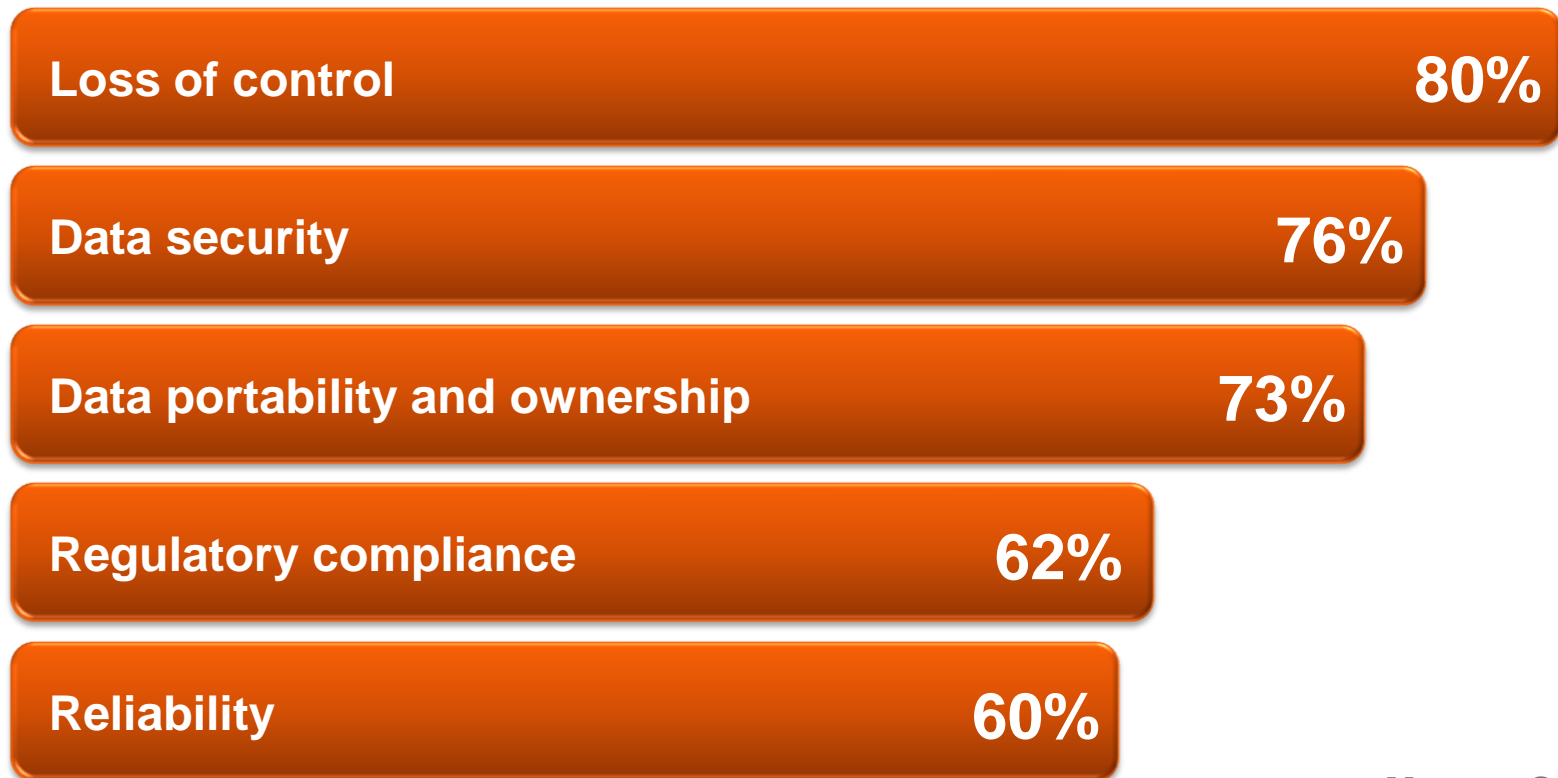
Security Engineer Greece & Cyprus



Security is a Top Concern for Cloud

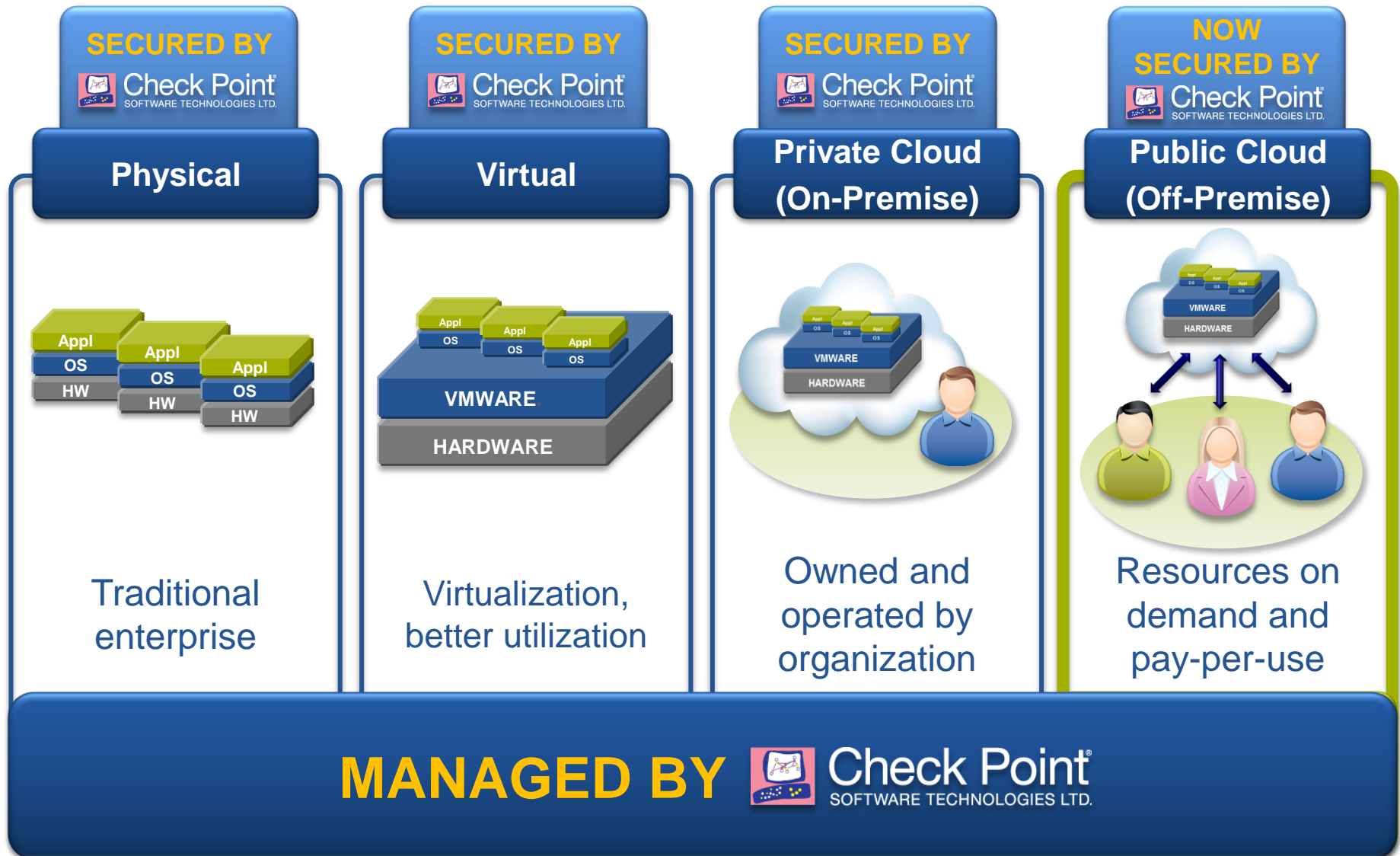
Top concerns with cloud

What are your greatest concerns about deploying and managing them?



Morgan Stanley
CIO Cloud Survey

Cloud is just another IT Deployment Model

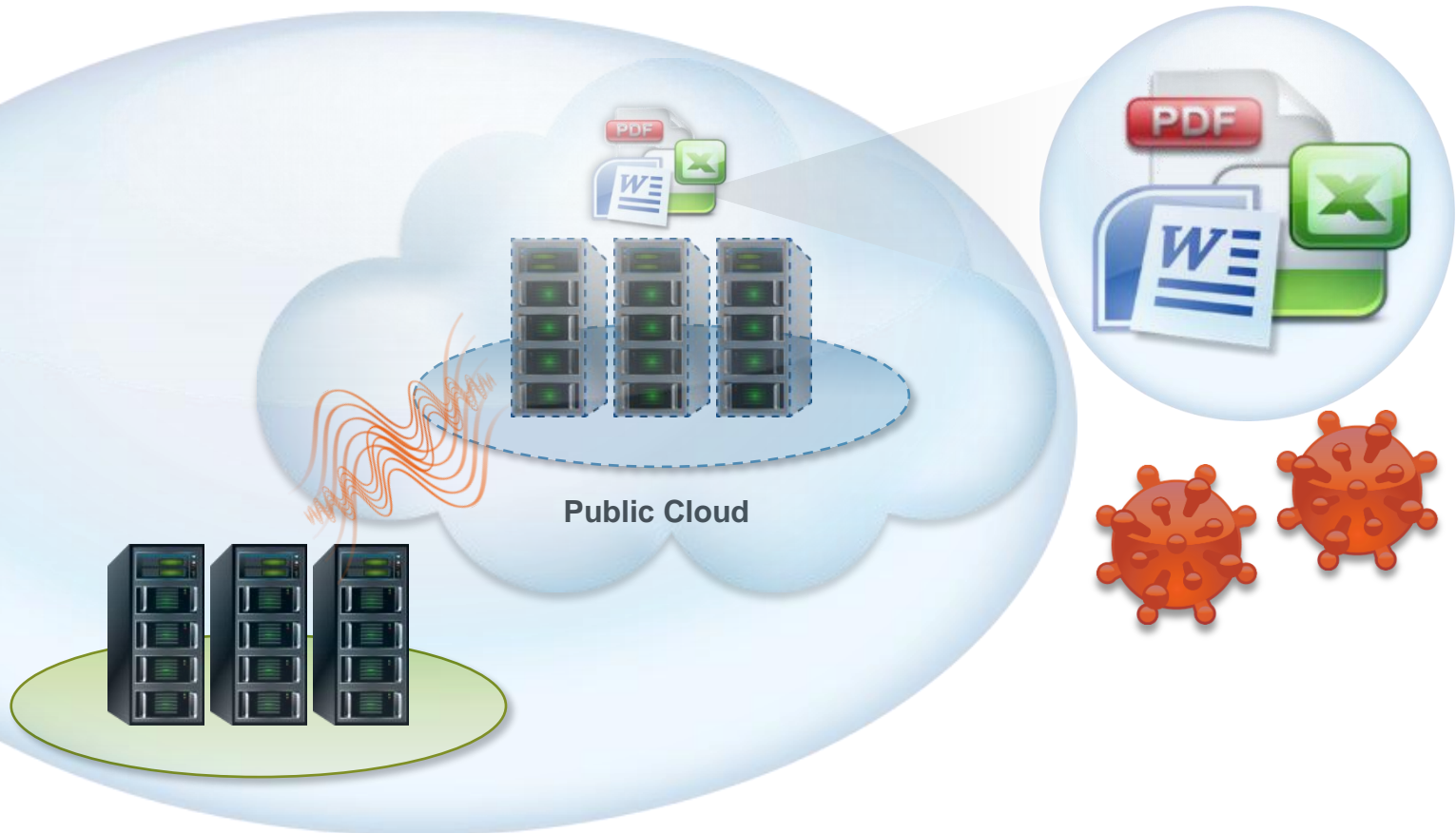


And it requires Equivalent Protections

PROTECT
the communication
between virtual and
physical servers

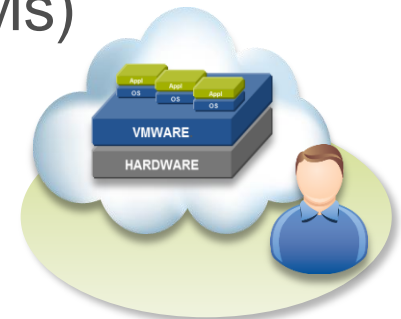
PROTECT
virtual servers
against attacks

PROTECT
corporate data



Moving to Private Cloud ?

- Security Gateway Virtual Edition
 - Protection from external threats
 - Inspect traffic between Virtual Machines (VMs)
 - Secure new Virtual Machines automatically
 - Ensure Security in dynamic environment



Moving to the Public Cloud ?

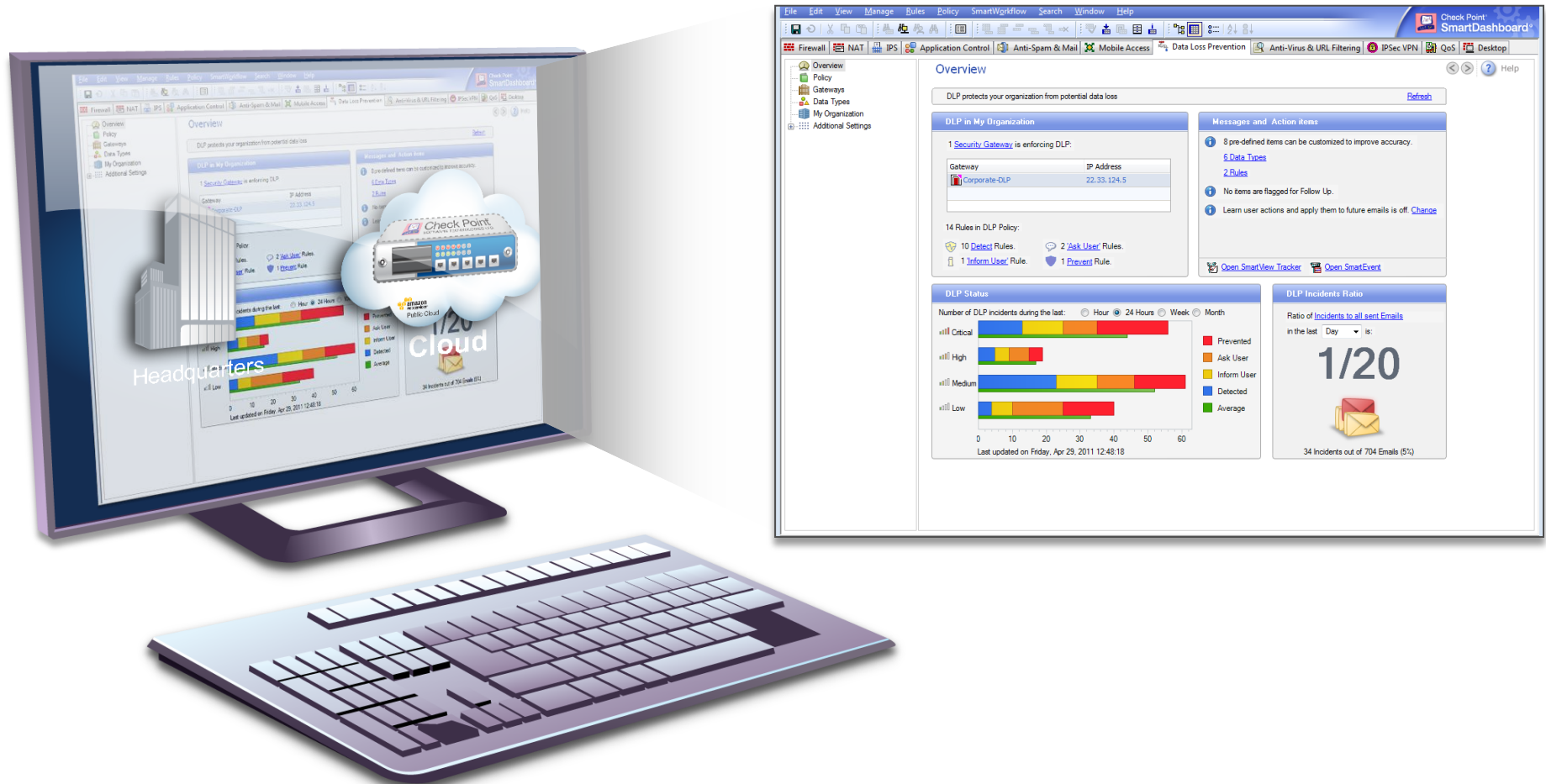
- Check Point Software Blades for Amazon Public Cloud
 - Full Protection
 - Firewall and IPS Software Blades
 - Mobile Access Software Blade



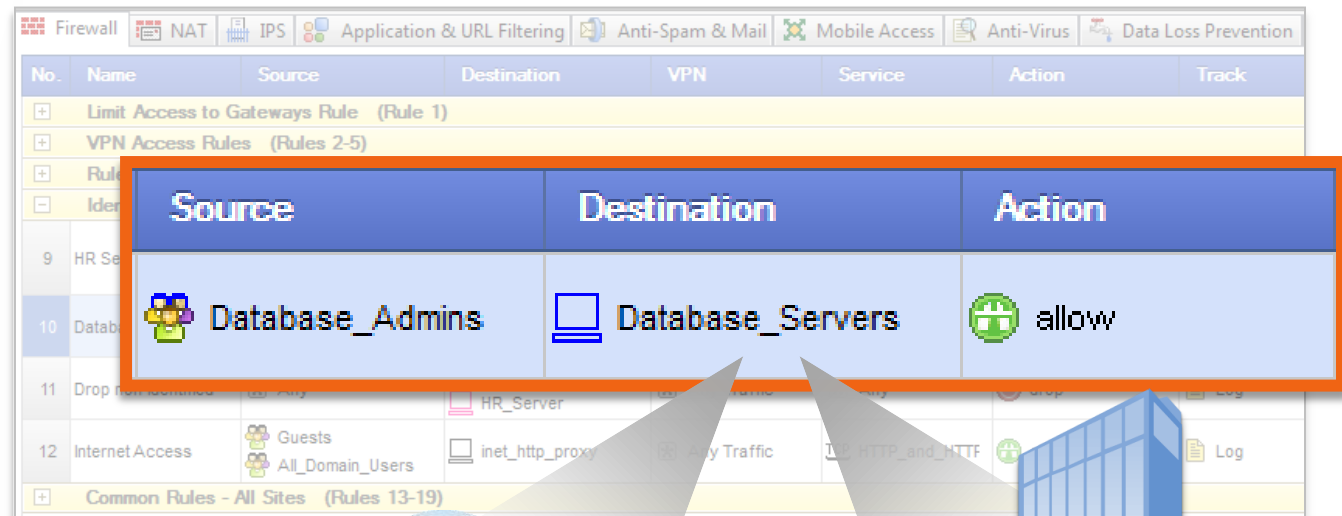
**Virtual Appliance for
Amazon Public Cloud**

Unified Management with Single Console

Manage Cloud and On-Premise Security from a Single Console



One Policy Controls Cloud and On-Premise Environment



The screenshot shows the Check Point Firewall rule configuration interface. A specific rule is highlighted with an orange border. The rule is named 'Database_Access' and is part of the 'Common Rules - All Sites' group. The rule configuration is as follows:

No.	Name	Source	Destination	VPN	Service	Action	Track
9	HR Server	Any	HR_Server		Any Traffic	Drop	
10	Database_Access	Database_Admins	Database_Servers		Any Traffic	allow	
11	Drop non-identified	Any	Any		Any Traffic	Drop	
12	Internet Access	Guests, All_Domain_Users	inet_http_proxy		HTTP_and_HTTPS	allow	Log

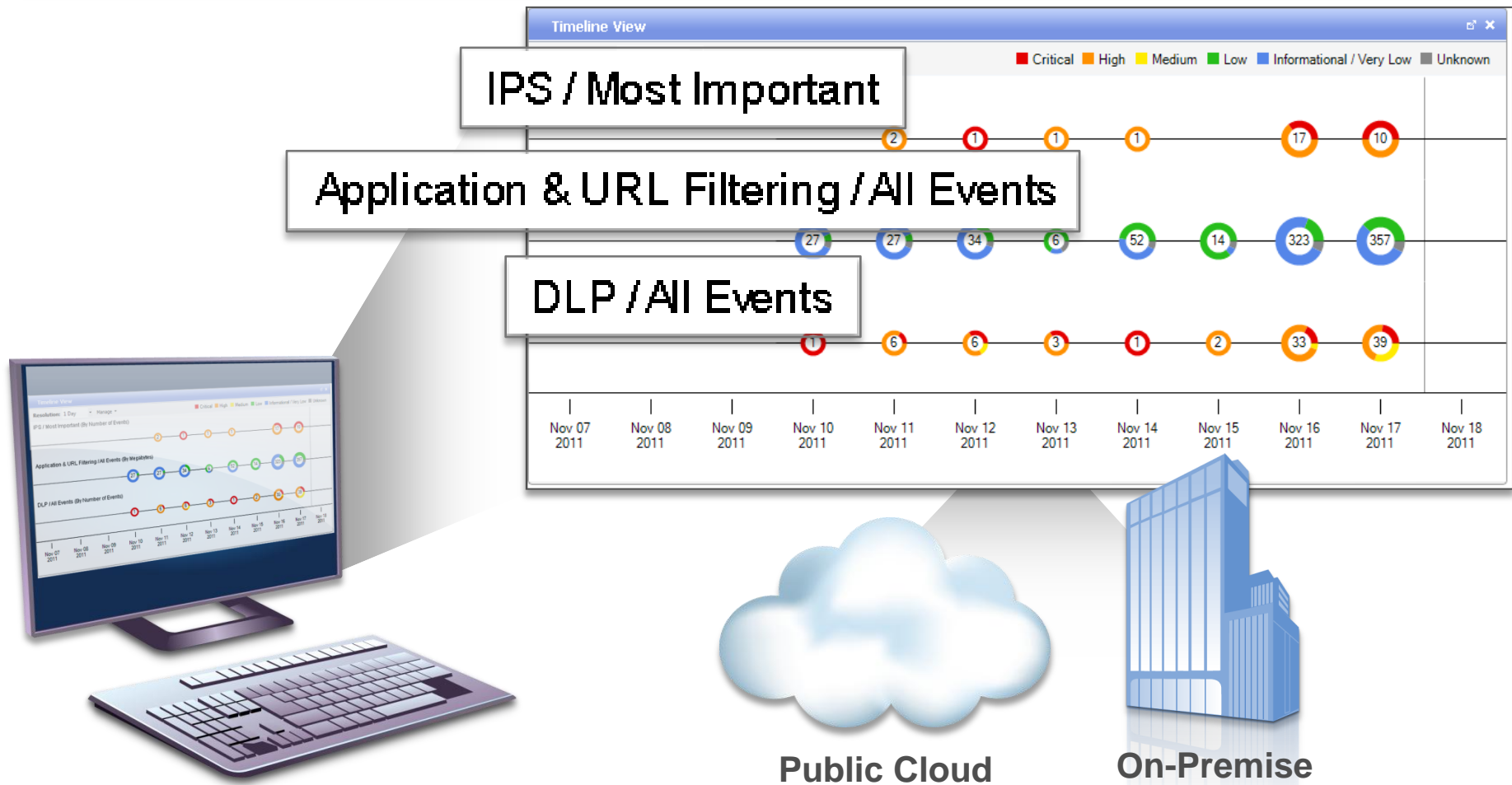


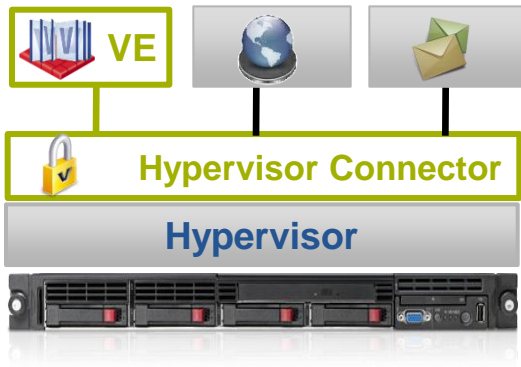
Database in the Public Cloud



Database On-Premise

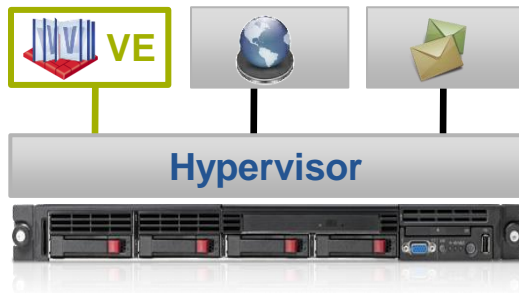
Visibility and Enforcement Across Infrastructure





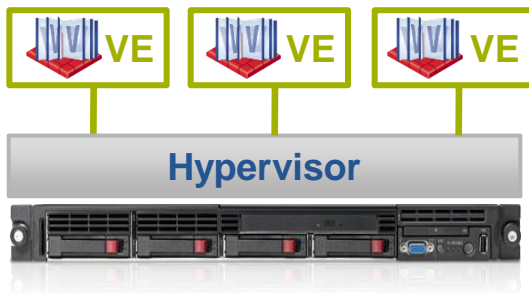
Secure the Virtual Environment

Use **Security Gateway Virtual Edition** to apply granular firewall and IPS policies for inter-VM traffic



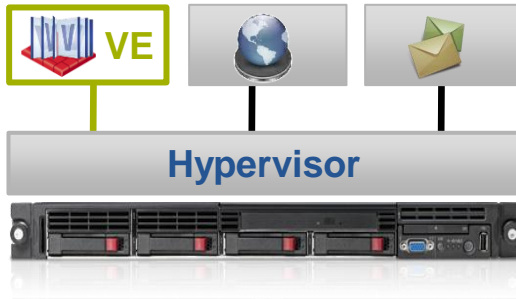
Office in a Box

Use **Security Gateway Virtual Edition (VE)** with firewall, IPS, VPN and Software Blade to secure your office networks and assets



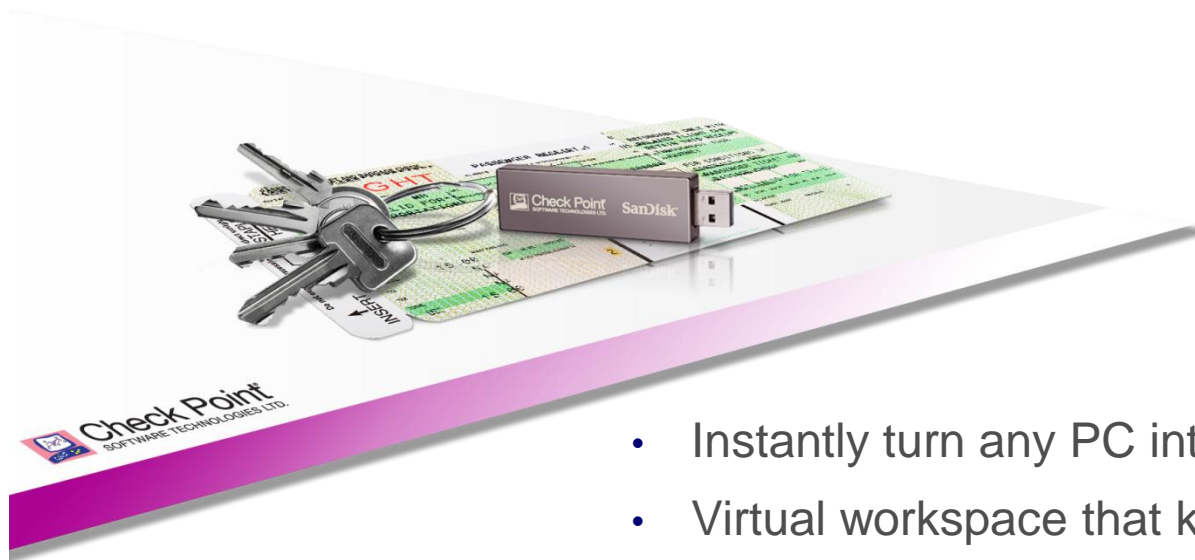
Enterprise Security Gateways

Consolidate your Security Gateways deployment into a virtualized environment



BCP with CheckPoint GO

Use **Security Gateway Virtual Edition (VE)** with firewall, IPS, VPN and Software Blade to secure your office networks and assets and CheckPoint GO for the users



- Instantly turn any PC into your own corporate desktop
- Virtual workspace that keeps mobile data secure
- Integrated VPN Connectivity
- Always-on Hardware and Software Encryption
- Application Virtualization



Check Point
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Thank you

