

Simplification: the most difficult task!

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INFOCOM Security, April 10, 2014

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the expert's view...



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it simple

simplification is difficult: Part I

The 4 devices challenge

The challenge

1. Desktop computer (Wintel or Mac)
2. Laptop (Wintel or Mac)
3. Smartphone (iPhone or Android)
4. Tablet (iPad or Android)

Technology changes the way employees work and interact

Key diversification factor:

We are talking about human persons,
not IP addresses any more!

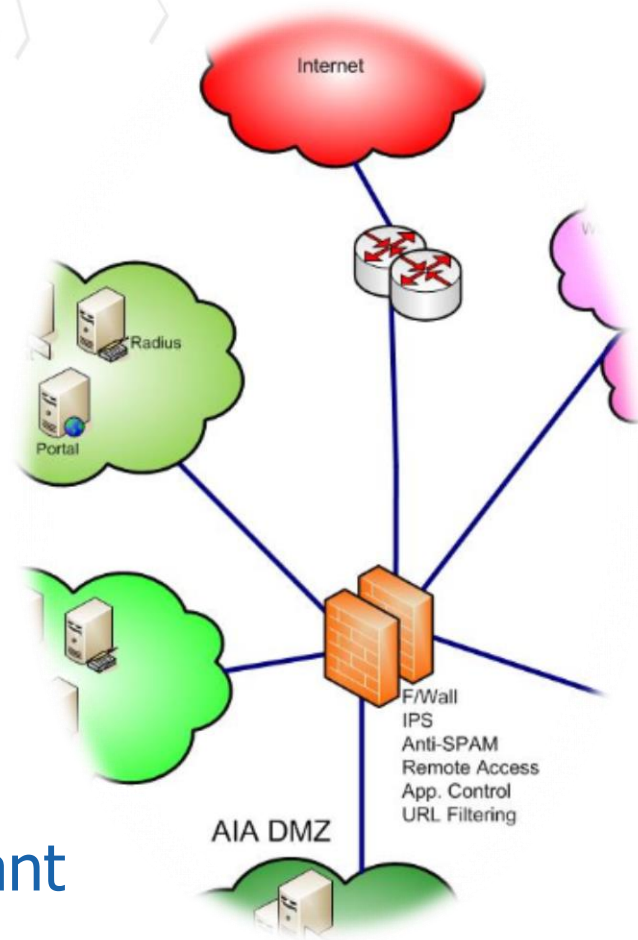


Security by design

Single point of control for:

1. Firewalling
2. Intrusion Prevention System
3. Anti-SPAM
4. Application Control
5. URL Filtering
6. Remote Access

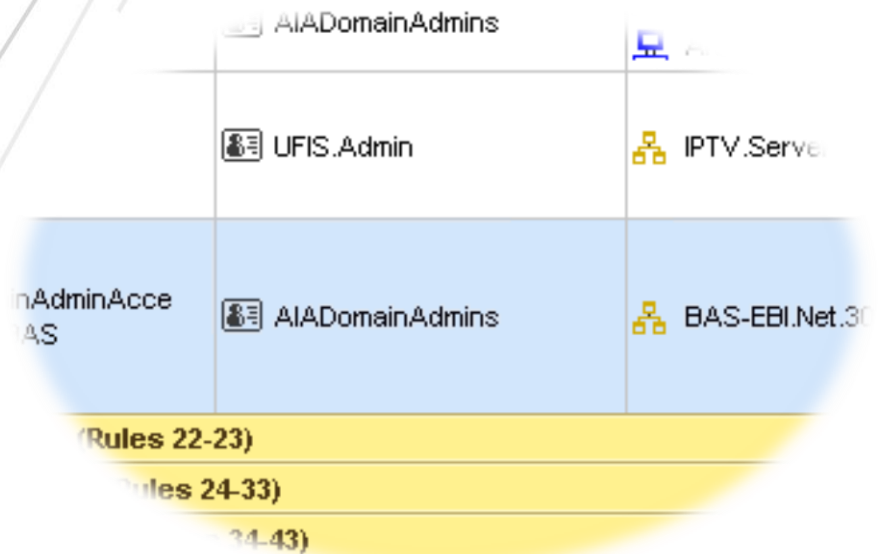
Cascading and network traffic redirection techniques add significant operational complexity



Identity awareness

Transform Security Policy from the IP/device based model to the user based concept

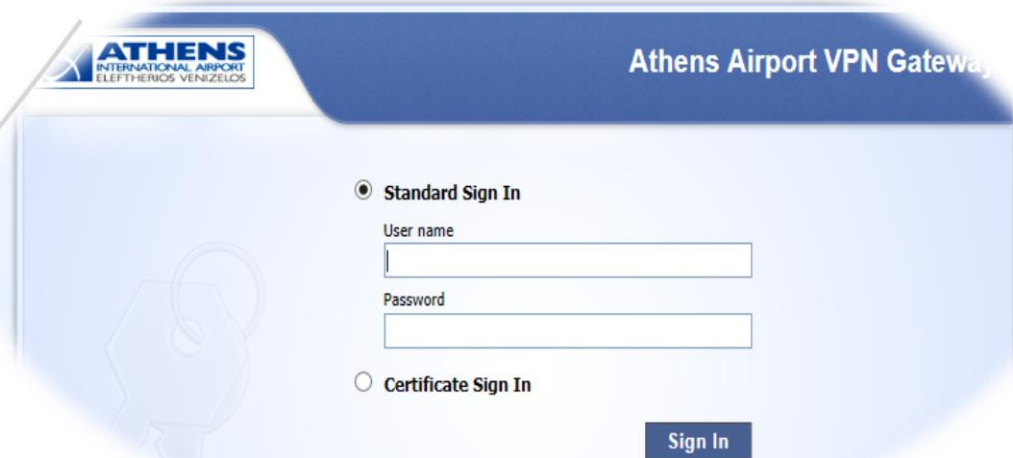
1. Apply policy for users regardless of the user location or device used
2. Restrict access for specific users from specific IPs/devices



Mobile Access

Provide access to corporate resources:

1. From anywhere (Internet)
2. Using any device (support BYOD)
3. No need to grant access to internal networks
4. Data in motion are protected



The screenshot shows the Athens Airport VPN Gateway login interface. At the top left is the Athens International Airport logo. The title 'Athens Airport VPN Gateway' is displayed on the right. Below the title, there are two radio buttons for authentication: 'Standard Sign In' (selected) and 'Certificate Sign In'. Under 'Standard Sign In', there are input fields for 'User name' and 'Password'. A 'Sign In' button is located at the bottom right of the form area.

simplification is difficult: Part II

Attacking INFOSEC complexity

Complexity slows down business



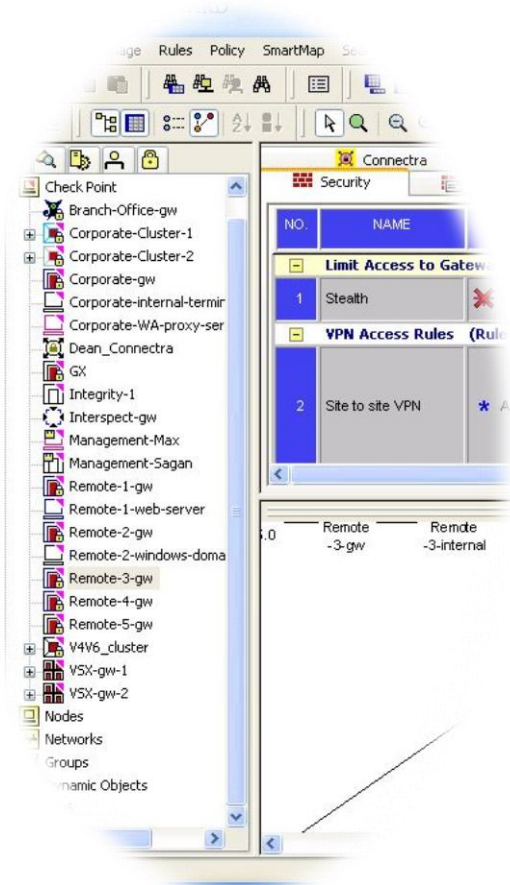
PHOTO: JUPITERIMAGES

wiseGEEK

Unified Management

Unified monitoring and administration for:

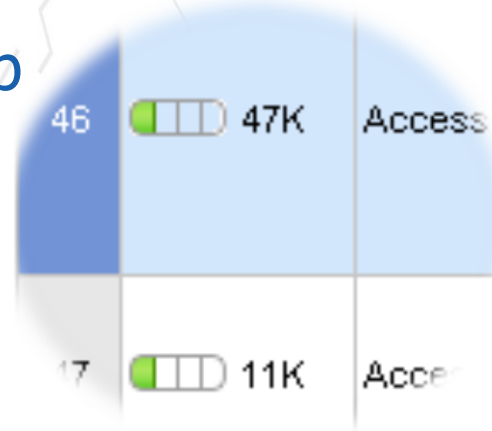
1. Firewalling
2. Intrusion Prevention System
3. Anti-SPAM
4. Application Control
5. URL Filtering
6. VPNs/Remote Access



Leveraging consolidation

Some daily administration speed-up
key features:

1. Policy rules hit count
2. Rulebase queries
3. IPS add exception – Follow-up



Performance Impact	Low
Protection Type	Protocol Anomaly
Follow Up	Followed
	Open Protection... Add Exception... Go To Advisory...
Attack Information	
Resource	...

Compliance QoS

10.0.0.0/24 Dem12.aia.gr Dest:OWA_Servers

OWA_Servers

Add a query filter

Source	Destination	Service	Action	Install

IT pros in the new business environment

We can always say:

What is allowed & what is not

Who does what

How do we keep it simple

What is the benefit

and we can always remember:

People are not obliged to understand
INFOSEC technologies and controls, yet
they can understand plain English (or
Greek)!

We make the difference...



Athens International Airport S.A.

Thank you for your
attention!

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