

# Proactive Security The Intelligent Way

**Panagiotis Kalantzis / Alexandros Detsikas** 

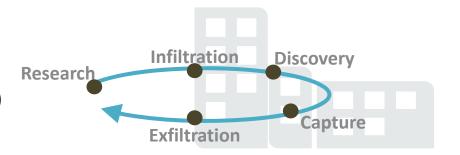
### Threat Landscape Evolution

**Cyber Crime** "Russian Business Network **The Threat Cyber Espionage** Cyber Hactivism "APT" "Anonymous" **Cyber Espionage Cyber Espionage Cyber Espionage** "APT" "Titan Rain "Google Aurora" **Cyber Crime Cyber Crime Cyber Crime** "Kevin Mitnick" "Russian Business Network" "Sony Breach" **Cyber Mischief Cyber Mischief Cyber Mischief Cyber Mischief** "The Morris Worm" "Code Red" "Heartbleed" "Slammer" 2003 - 20101988 - 1995 1996 - 2002 2011 – Future Perimeter Defense Defense in Depth **Automatic Data Collection** Actionable Intelligence **Threat Indicator Sharing Data Analytics** The Solution **Cyber Intelligence Cyber Intelligence Data Collection (SIEM) Data Collection (SIEM) Vulnerability Management Vulnerability Management Incident Response Incident Response Incident Response Intrusion Detection Intrusion Detection Intrusion Detection Anti-Virus Anti-Virus Anti-Virus Firewall Firewall Firewall Firewall** 



### Further Challenges

Nature and motivation of attacks (Fame to fortune, market adversary)



**Transformation of enterprise IT** (Delivery and consumption changes)

**Delivery** Traditional DC Private cloud Managed cloud Public cloud







Virtual desktops Notebooks Tablets Smart phones

**Basel III** 

**Regulatory pressures** (Increasing cost and complexity)



Consumption

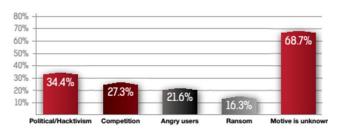




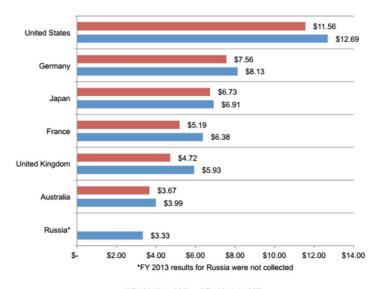


# Cybercrime Attacks Nature

### Attacks Motivation, © Radware 2014

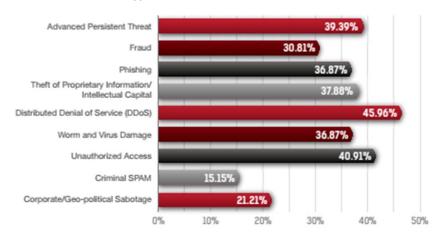


### Cost of Cybercrime, © Ponemon Institute 2014



### ■FY 2013 (n=235) ■FY 2014 (n=257)

### Types of Attacks, © Radware 2014



Top Cybercrime Impact, © Ponemon Institute 2014

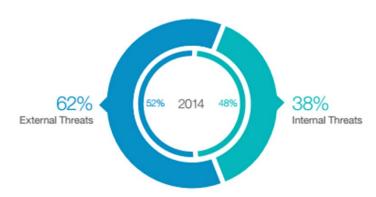




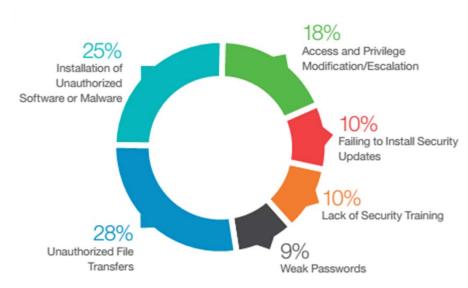
### **Future Predictions**



Top Cyberattack and Data Breach Worries, ©Trustwave 2015 Pressures Report



Top Security Threat Sources, ©Trustwave 2015 Pressures Report



Top Risky Insider Threat, ©Trustwave 2015 Pressures Report



# **Proactive Information Security**



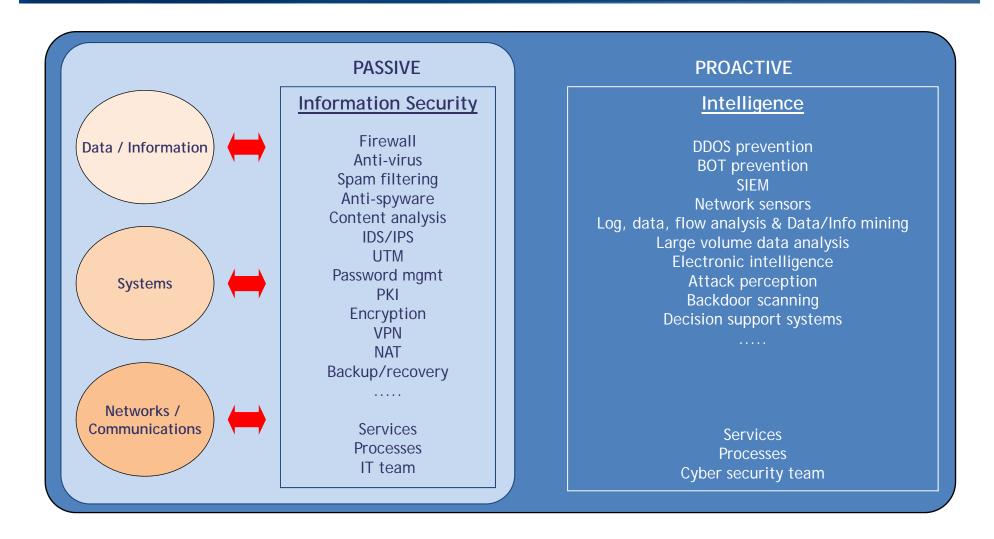


# **Proactive Information Security**





### Proactive Intelligence





### Proactive Information Security



Integrated

Enabling every element to be a point of defense and policy enforcement



### **Collaborative**

Collaboration among the services and devices throughout the network to thwart attacks

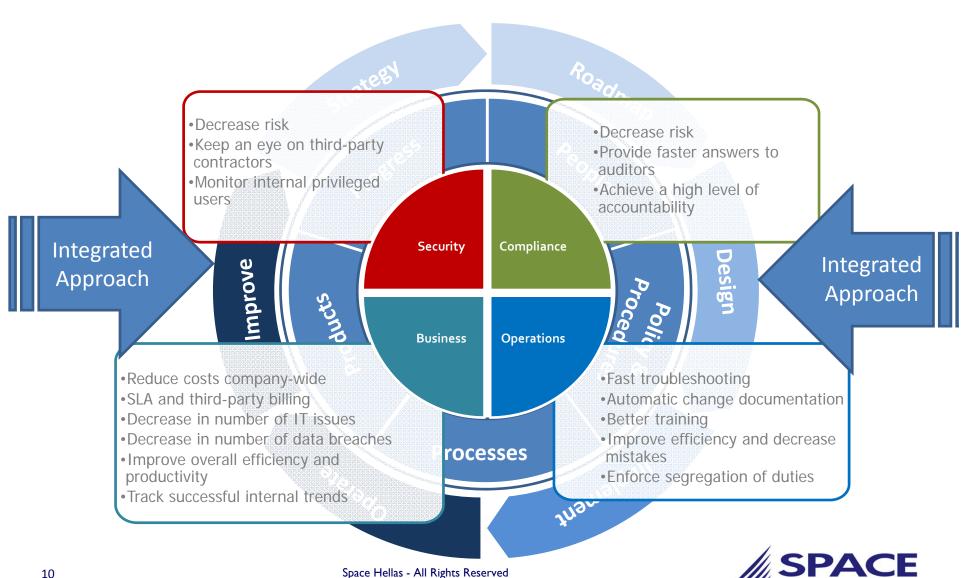


### **Adaptive**

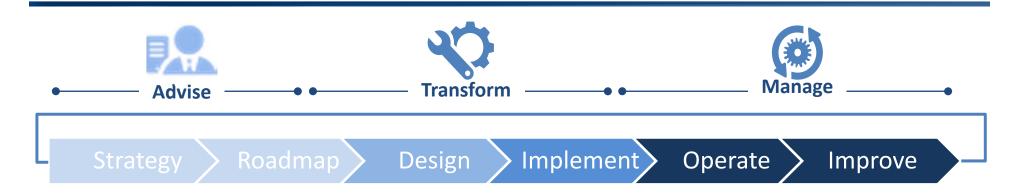
Proactive security technologies that automatically prevent threats



# Our Holistic Approach



# Case Study Analysis

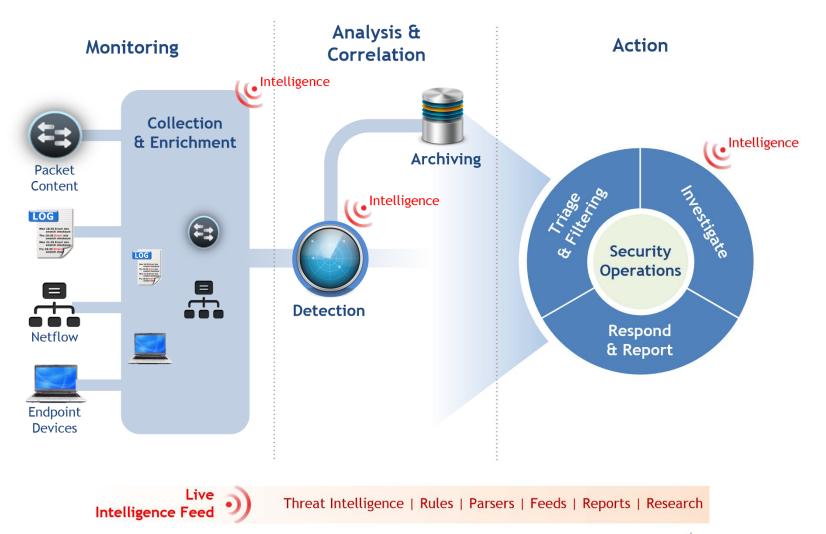


Enterprise Strategy	Risk Mitigation Plan	Security Architecture	Event Collection	Live Feed	Metrics Definition
Enterprise Risk Appetite	Solution Selection	Security Policies	Network Analysis	Correlation Rules	Risk Re-Evaluation
Threat Posture	Best Practices	Security Procedures	End Point Analysis & Protection	Security Procedures	Compliance Status
Regulatory Compliance		Departmental Processes	Security Procedures	Dashboards	TCO / ROSI

Trainings

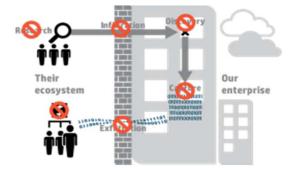


### Security Architecture Snapshot





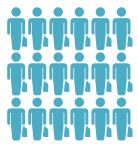
# **Approach Benefits**



Disrupt the adversary Security technology



Manage risk Risk & compliance



Reduce cost & complexity Advisory & management



### SPACE HELLAS at a glance

System Integrator · Value-Added Solution and Service Provider

Active in Telecommunications, IT and Security

30 Years of Operation and Growth

210 Specialized Employees

•More than 300 Certifications · Accreditations

Turnover: <u>€ 43,1 million (2014)</u>

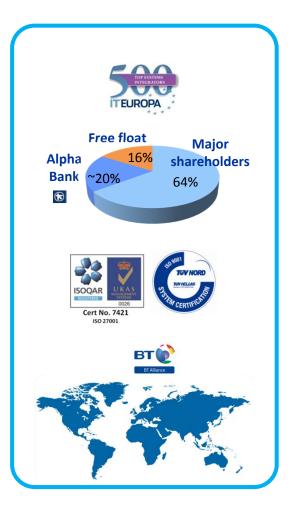
Listed on the Athens Stock Exchange since 2000

Certified for Quality & Information Security Management

•ISO 9001:2008 ISO/IEC 27001:2013
•National EU NATO Secret

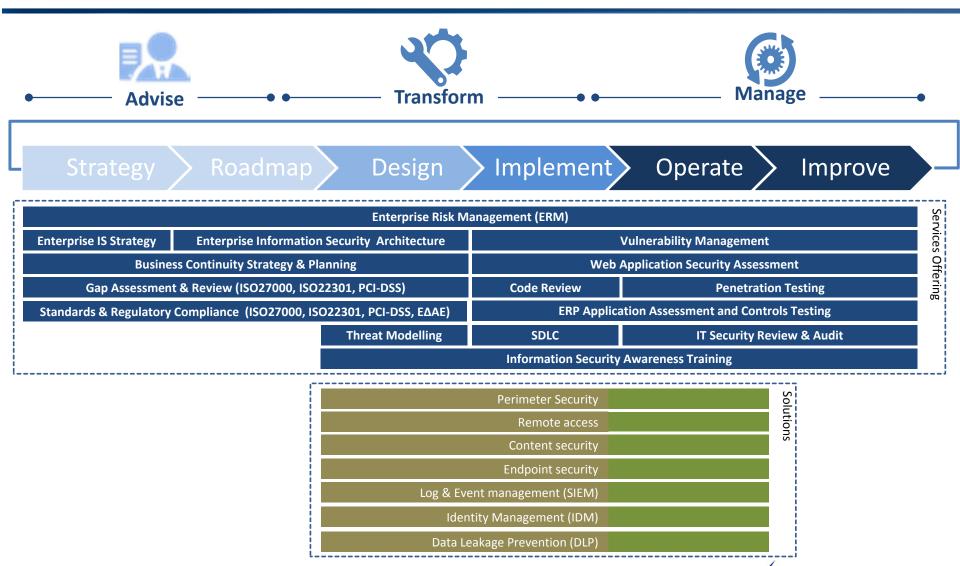
### National & International Presence

•Space Hellas HQ situated in Athens
•Branches in Athens, Thessaloniki, Patra, Heraklion Crete and Ioannina
•Subsidiaries in Cyprus, Romania, Serbia, Malta
•Activities in Albania and the Middle East





# Space Hellas Offering



# Panagiotis Kalantzis / Alexandros Detsikas Information Security Consultant / Information Security Specialist

pkalantzis@space.gr / adet@space.gr

www.space.gr

Tel: +30 210 6504220



Space Hellas S.A.

Telecommunications, IT, Security Systems and Services
Private Enterprise for Provision of Security Services
312, Messogion Ave., Ag. Paraskevi, 153 41 Athens, Greece
Tel. +30 210 6504100 | Fax +30 210 6516712 | www.space.gr | info@space.gr