Procedures VS. Technology

Points of Today's Secure Business

Tzelepis Lefteris, Head of IT Security, OPAP SA.

OPAP SA

- **Exclusive operator of numerical lotteries**
- **Largest retail network**
- **Industry leader in Responsible Gaming**

The Cyber War Rages On

42% more targeted cyberattacks

106 new forms of malware hit every hour

40% downloaded unknown malware

200,000 new threats found every day

References: http://www.isightpartners.com/infographics/the-rise-of-the-cyberwarrior
Check Point Security Report, 2015 PWC Global State of Information Security Survey

Today's Security Trends

- Most Data Breaches are **caused by humans:**
  - ✓ inside
  - ✓ outside
  - ✓ accidental
  - ✓ intentional

- **Security Awareness comes 1st** in most hardening guides

IT points

Enforce Perimeter
- Internet facing services
- 3rd party / contractors support
- Teleworking

Inside Hardening
- Segmentation
- Remove unused services
- Password Policy & Management
- Printing
- Patch Management

New Tech
- IoT
- Apps / Needs
- Security “built-in”

Breach
- Pen Test, Scheduled
- Pen Test, Real
- Malware
- CSIRT

BYO-x
- Device
- Computer
- Technology
- Application

(cloud?)

VIP Security (c.level)
- Flexibility
- Security

Awareness/ Training
- Initial
- Follow up

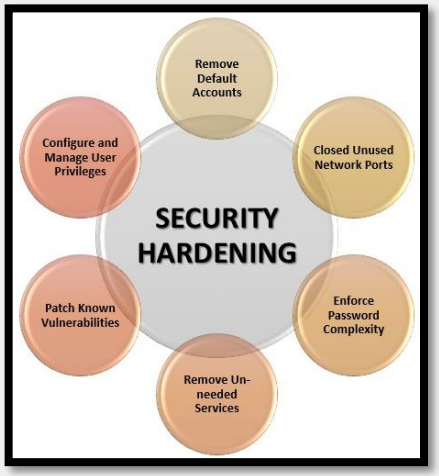
Logging
- Correlation
- Analysis
- Retention

non-IT Points

ISMS & Governance	Documentation	Certification (ISO.x)
Policies, Standards, Procedures	Asset Classification	Compliance
Controls	Disaster Recovery Plan	Reporting

Business VS. Security

C. authorized access only
I. unmodified & correct
A. protect & prevent loss



- ✓ **Aligned** with Strategy & Vision of Top Management
- ✓ Security should be an **enabler**, not a disruptive force

THANK YOU