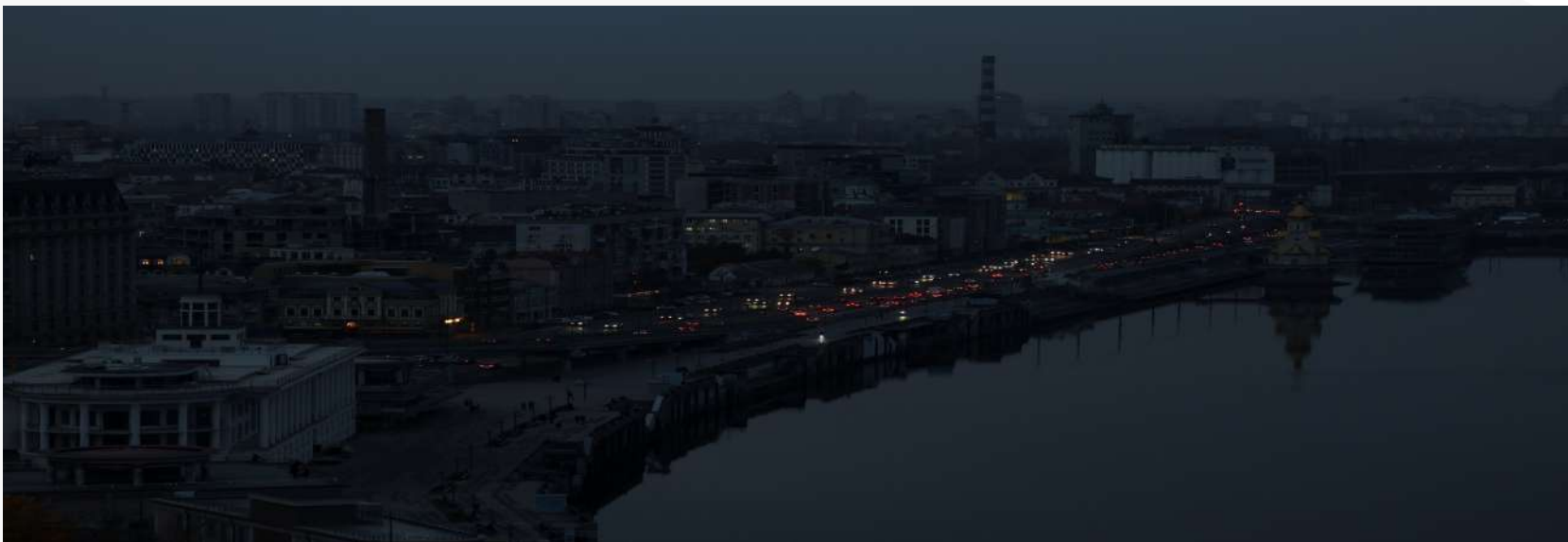
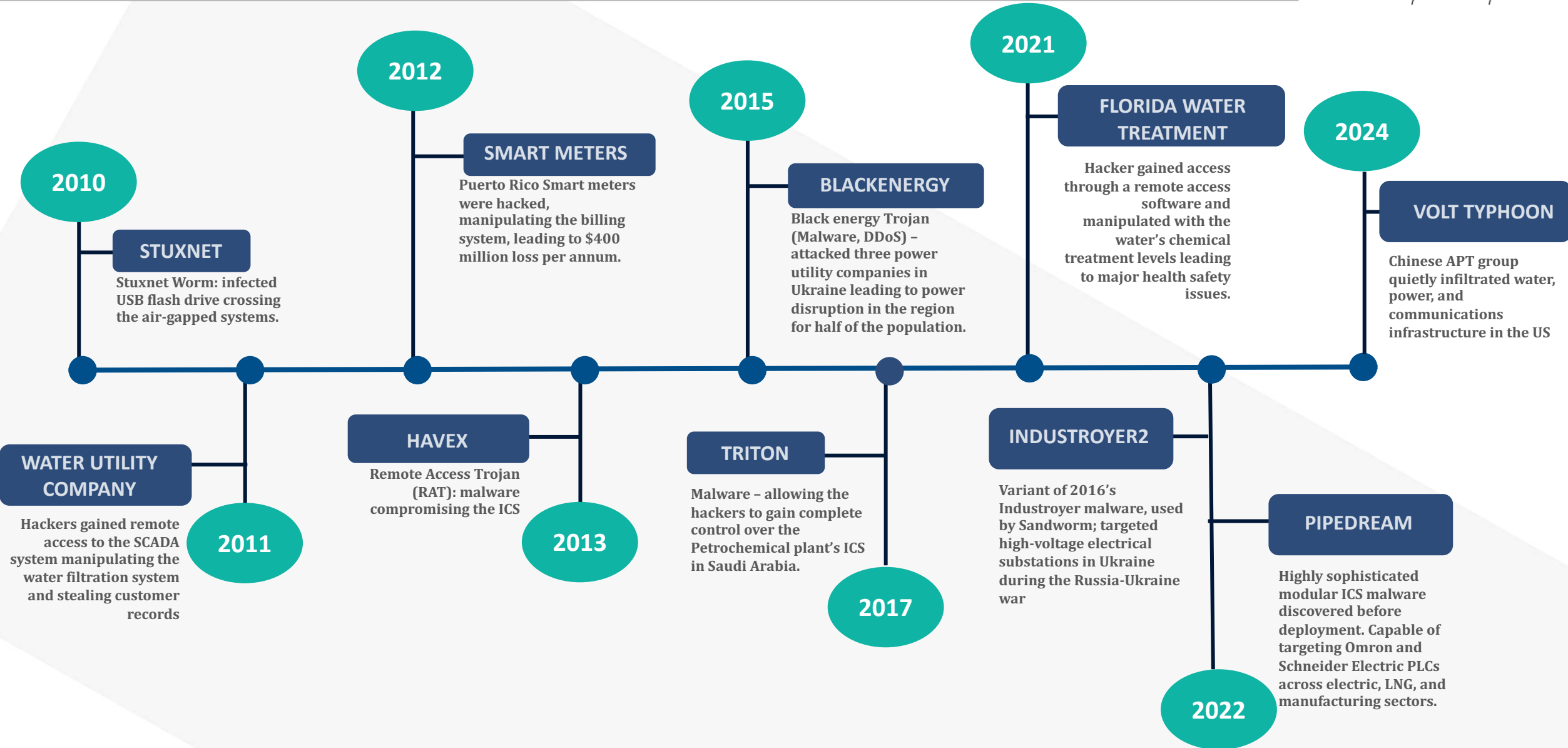


When Energy **Fails**, Everything **Stops** (and **Costs**)

What is the cost of Failure?



Timeline of ICS Attacks





George Baglatzis

Head of Operations & Information Systems Security



Smarter Systems, Bigger Risks



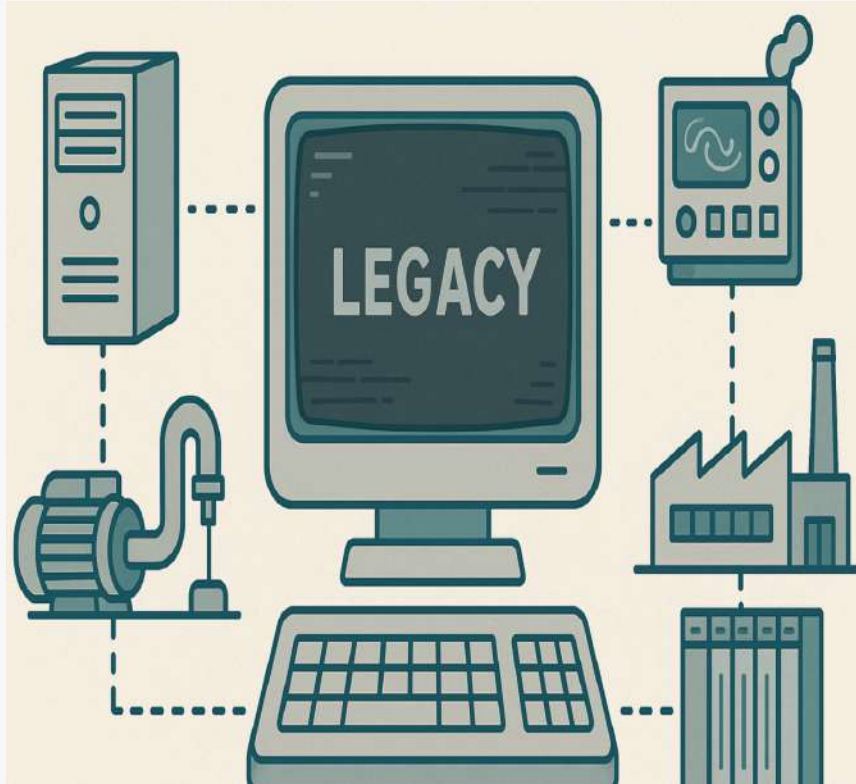
 **Compliance requirements**







 **Investors / Insurance requirements**

 **TSOs cybersecurity requirements**



Legacy Reality & (In)Secure By Design



-  Asset Inventory Recorded
-  Vulnerabilities Identified
-  Risks Assessed
-  Compliance Checks
-  3rd Parties / Vendors Cyber Maturity
-  Monitoring Mechanisms Implemented
-  Incident Response Tested





Cybersecurity Services Portfolio



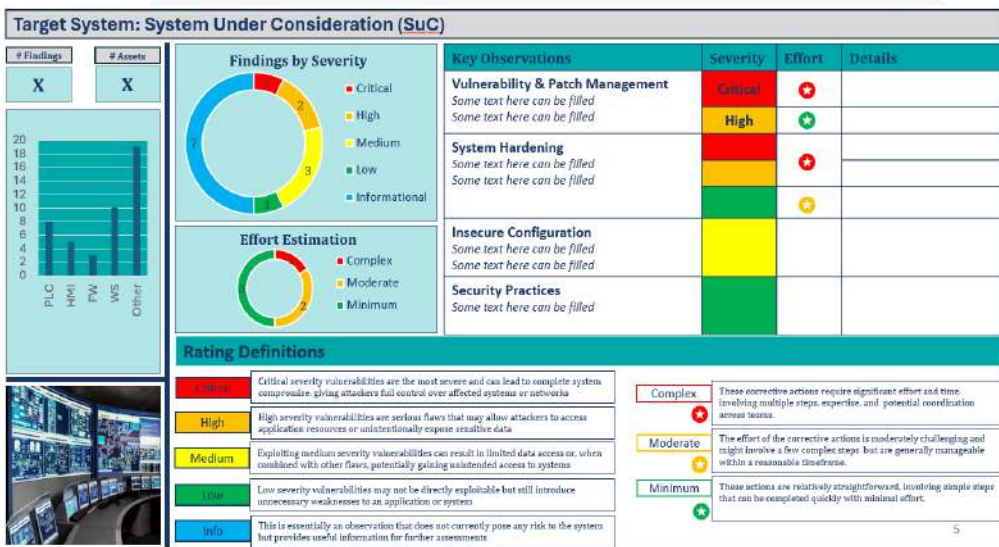
Certified Personnel



Deep Technical Knowledge



OT Vulnerability Assessment

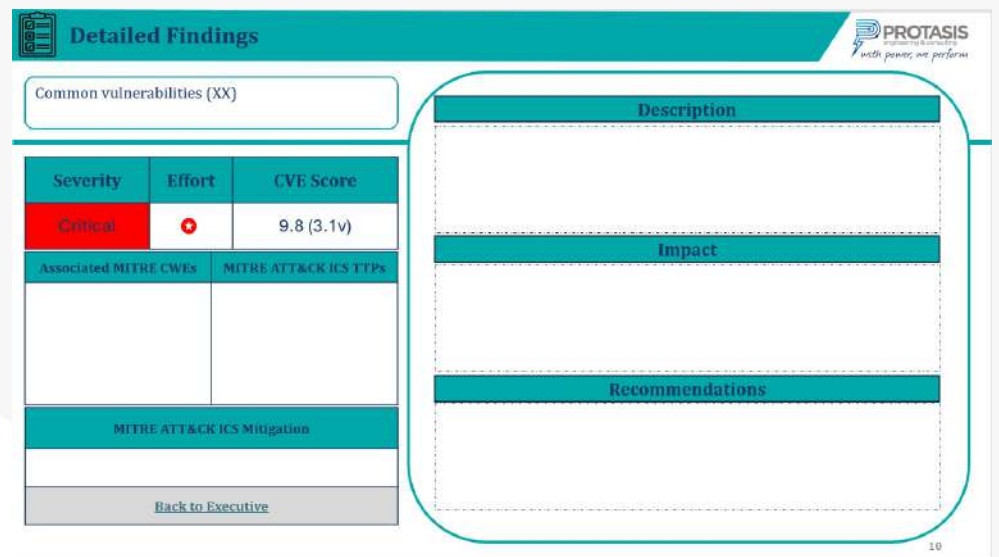


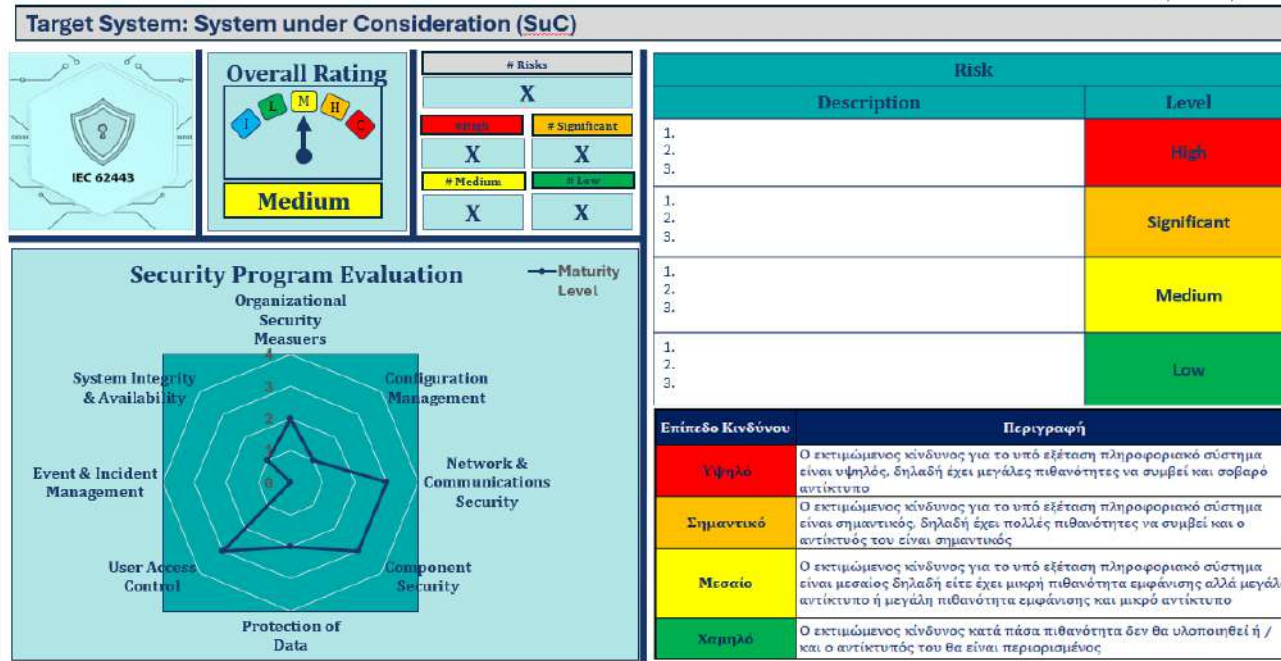
Approach:

- Review of network diagrams and systems overview
- Utilize special software to monitor network traffic
- Observations rated based on **CVE** and mapped to **CWE** and **ATT&CK**

Deliverables:

- Detailed Asset Inventory
- Network flows and recognized protocols
- List of potential vulnerabilities





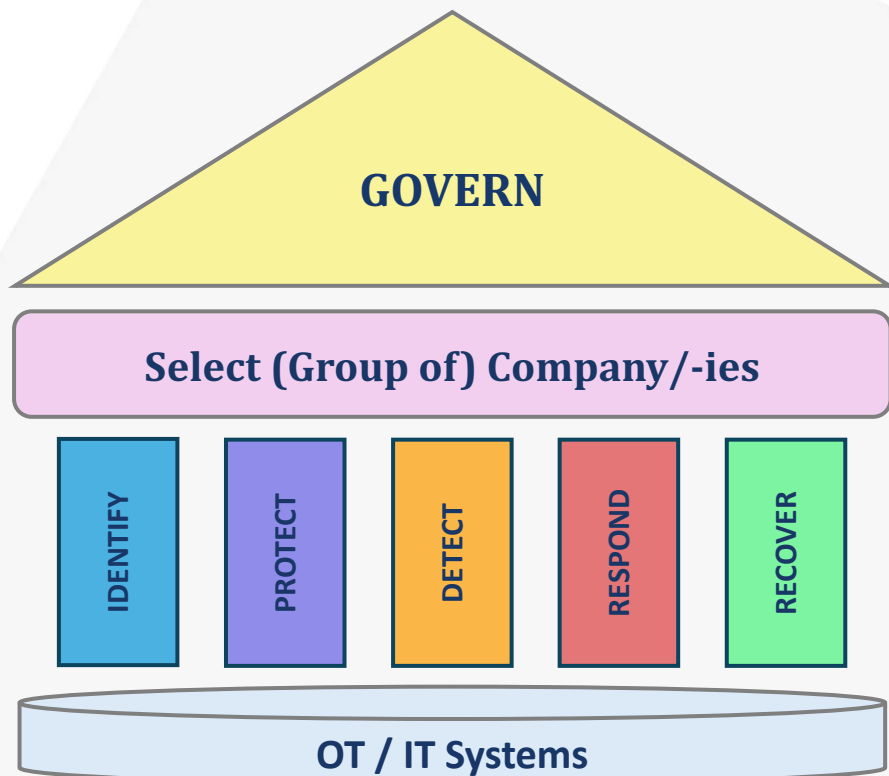
Risk Assessment (IEC 62443-3-2)

- **High-level risk assessment through** Questionnaire based on the updated IEC 62443-2-1:2024 standard
- **On-Site Inspection (OSI)**
- **Detailed risk assessment** recording the identified risks and evaluating the *Likelihood* and the *Impact* for each risk
- **Cybersecurity Maturity Level** for each of the 8 SPEs and an overall assessment rating.



	Πιθανότητα					
	Πολύ Απίθανο	Απίθανο	Δυνατό	Πιθανό	Πολύ Πιθανό	
Αντίκτυπος	Καταστροφικός	Μεσαίο	Σημαντικό	Υψηλό	Υψηλό	Υψηλό
	Μείζον	Μεσαίο	Σημαντικό	Σημαντικό	Υψηλό	Υψηλό
	Δριμύς	Μεσαίο	Μεσαίο	Σημαντικό	Σημαντικό	Υψηλό
	Σημαντικός	Χαμηλό	Μεσαίο	Μεσαίο	Σημαντικό	Σημαντικό
	Αμελητέος	Χαμηλό	Χαμηλό	Μεσαίο	Μεσαίο	Μεσαίο

Cybersecurity Maturity Level Assessment



- Utilize a **Cybersecurity Maturity Assessment Framework** tailored to Clients needs.
- **Holistic approach** that covers Governance, Operations and Engineering aspects of Cybersecurity

NIST
National Institute of
Standards and Technology

KCSEC

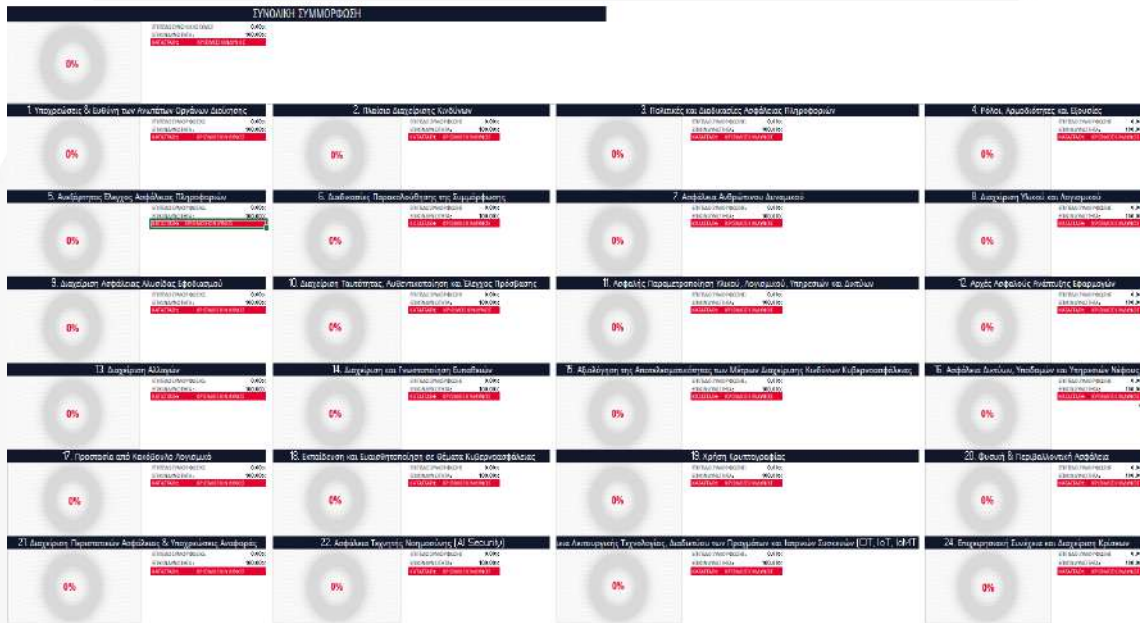
ISA
International Society of Automation

DER-CF

C2M2
Cybersecurity Capability
Maturity Model



Compliance Readiness Checks



- Utilize the **Cybersecurity Self Assessment Tool**, provided by the National Cybersecurity Authority
- It consists of **169 security measures** divided under **24 subject categories**

Visit <https://cyber.gov.gr/>



 Secure Network Architecture & Segmentation

 OT Policies & Procedures Development

 NIDS Platform with SIEM Integration

 IR Playbook Enhancement

 Cybersecurity is not a Cost

 It's ROI Protection

Thank you

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