Πως επιτυγχάνεται η ασφάλεια πληροφοριακών συστημάτων

«2+ χρόνια GDPR: διδάγματα, συμβουλές και προκλήσεις»

ΣΕΒ – 17 Φεβρουαρίου 2021

INTERAMERICAN

Στοιχεία 2020

Διαθέτει πολυκαναλικό μοντέλο Διανομής (agency and direct channel)

Πάνω από

1.000.000

Πελάτες

Εργαζόμενοι

1.173

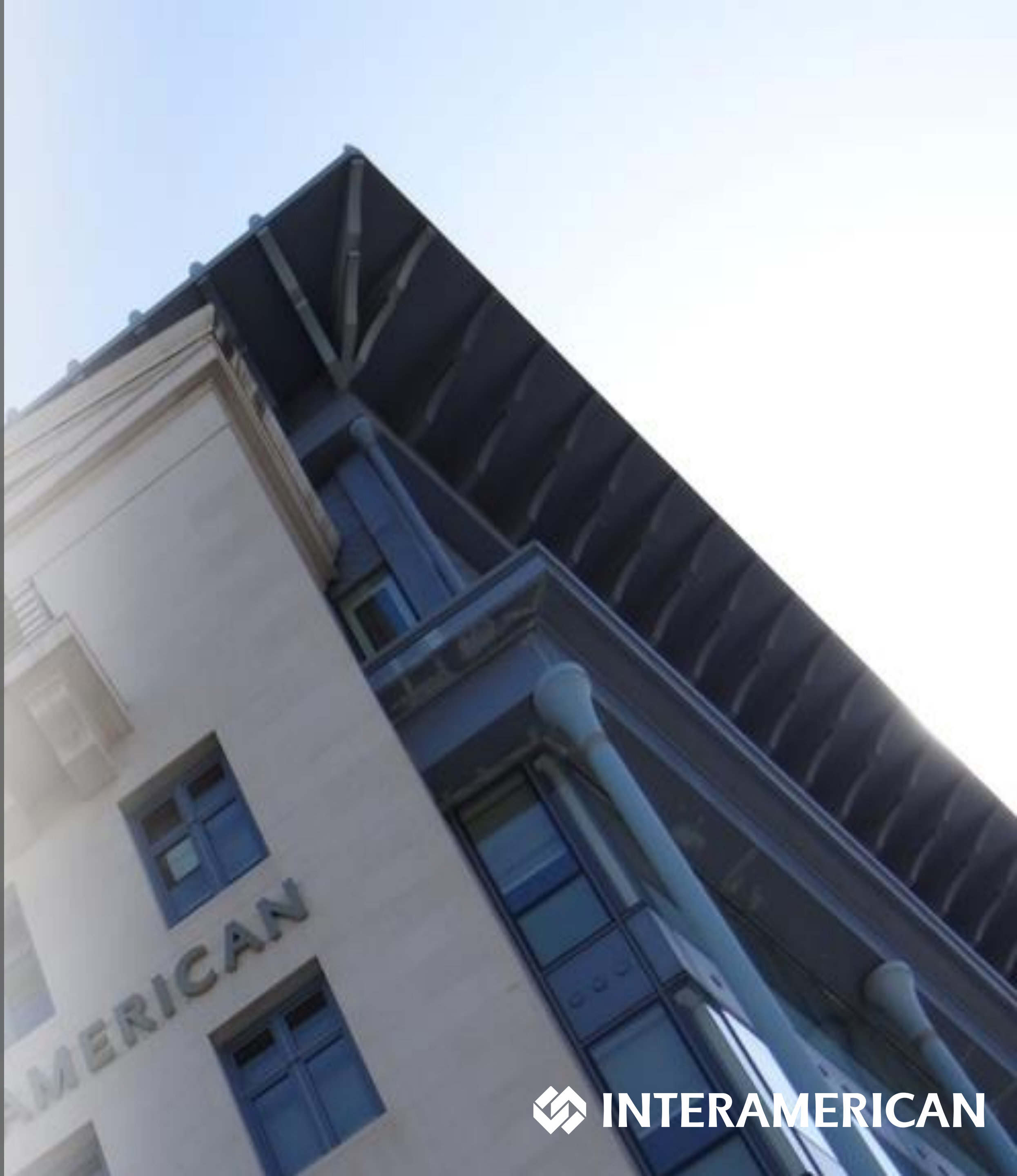
Ιδιόκτητες Υποδομές & Υπηρεσίες

Υγεία

- Athinaiki MEDICLINIC,
  2 MEDIfirst Πολυιατρεία

Αυτοκίνητο

- Οδική Βοήθεια, CAR POINT, Repair Centres



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Connect the dots

- Understand the internal environment
- Understand the external factors
- Identify risks
- Assess risks and prepare treatment plans
- Implement plans and follow-up progress with monitoring and reporting

	Objectives	Strategy	Business Plan	Product portfolio
Risks	◉	◉	◉	◉
Regulatory and Legal Framework	◉	◉	◉	◉
People	◉	◉	◉	◉
Partners & Suppliers	◉	◉	◉	◉
Competition	◉	◉	◉	◉
Technology	◉	◉	◉	◉
Metrics and monitoring	◉	◉	◉	◉

Know your environment

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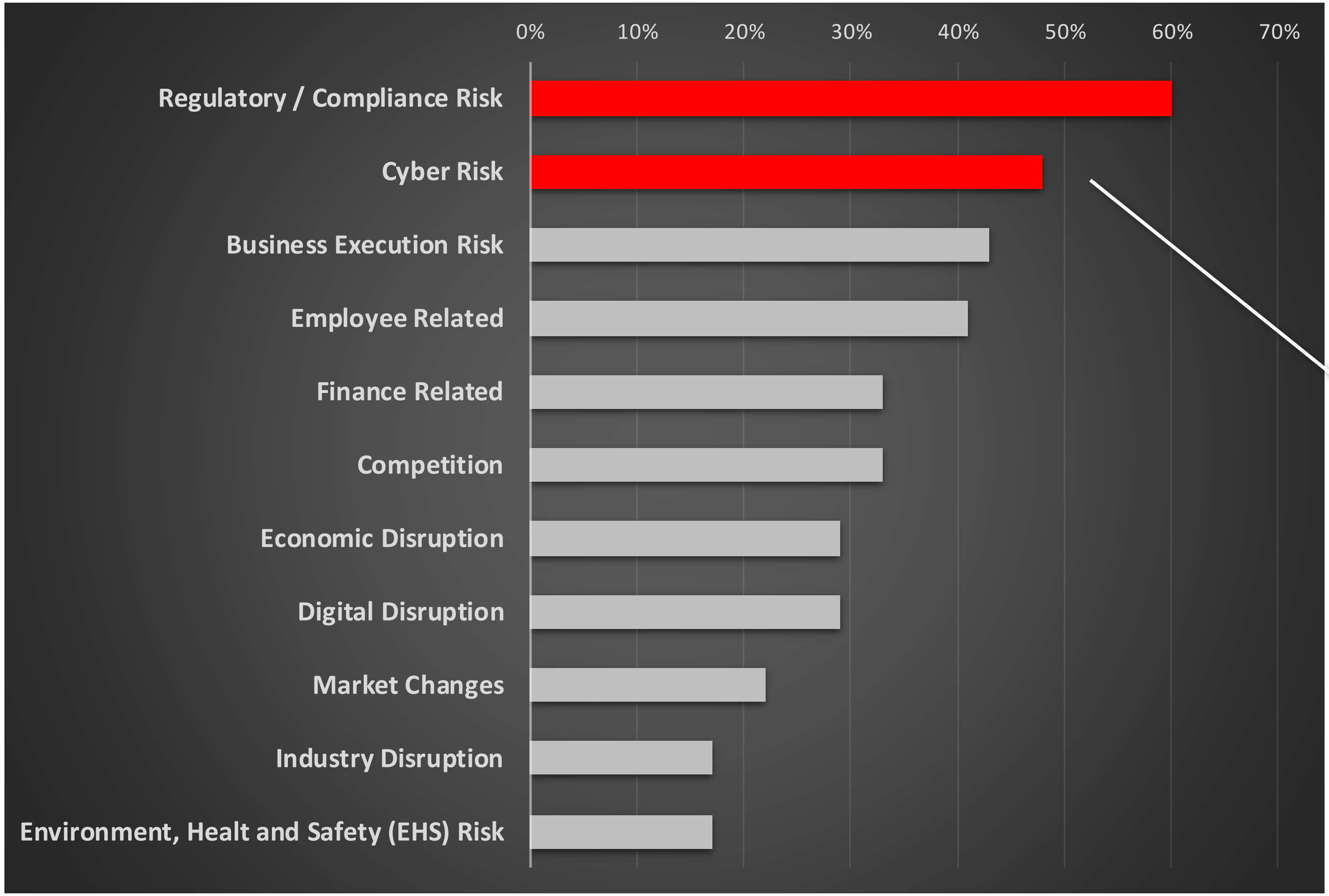
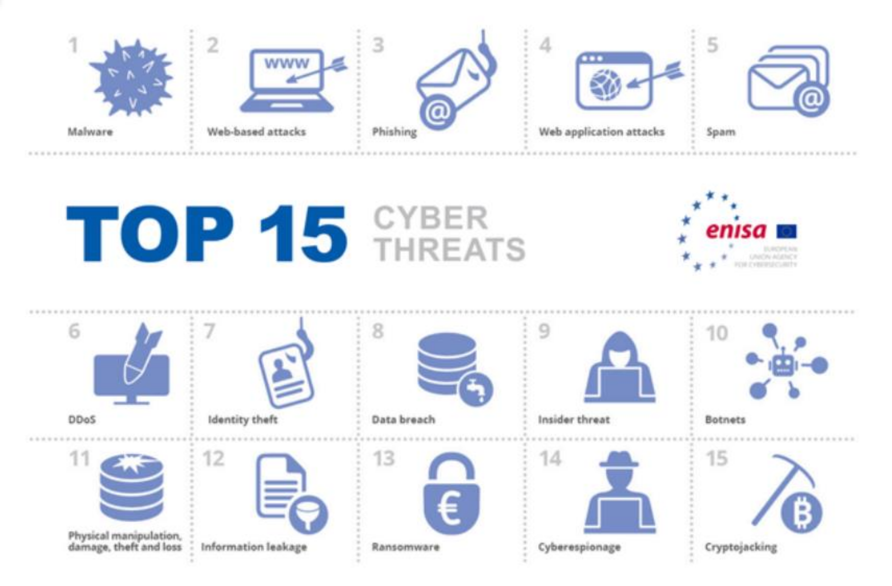
Top sources of Risk to the Enterprise





Gartner

Source: 2020 Gartner Board of Directors survey

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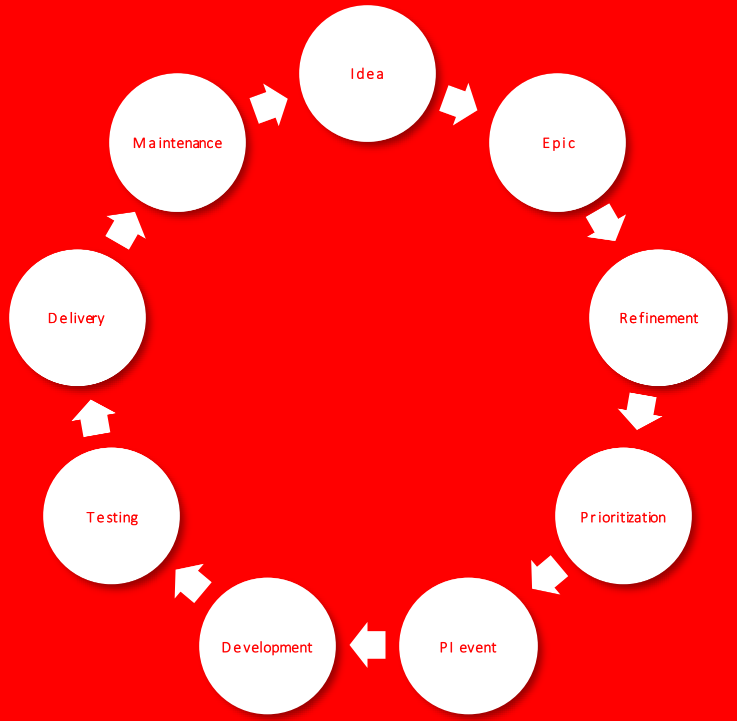
Security & Privacy Program Development

- **Security & Privacy objectives** to support business goals
- Enabling **frameworks** and **standards** (e.g. ISO 27001, ISO 22301, ISO 27701)
- **Architecture** definition and roadmap
- Assets **classification**
- **Technical and Organisational measures** selection

  4Ps principle = People, Policies, Procedures & Platforms to control risks.
- Define **Metrics** to monitor progress
- Embed Security & Privacy in **Products and Services lifecycle**



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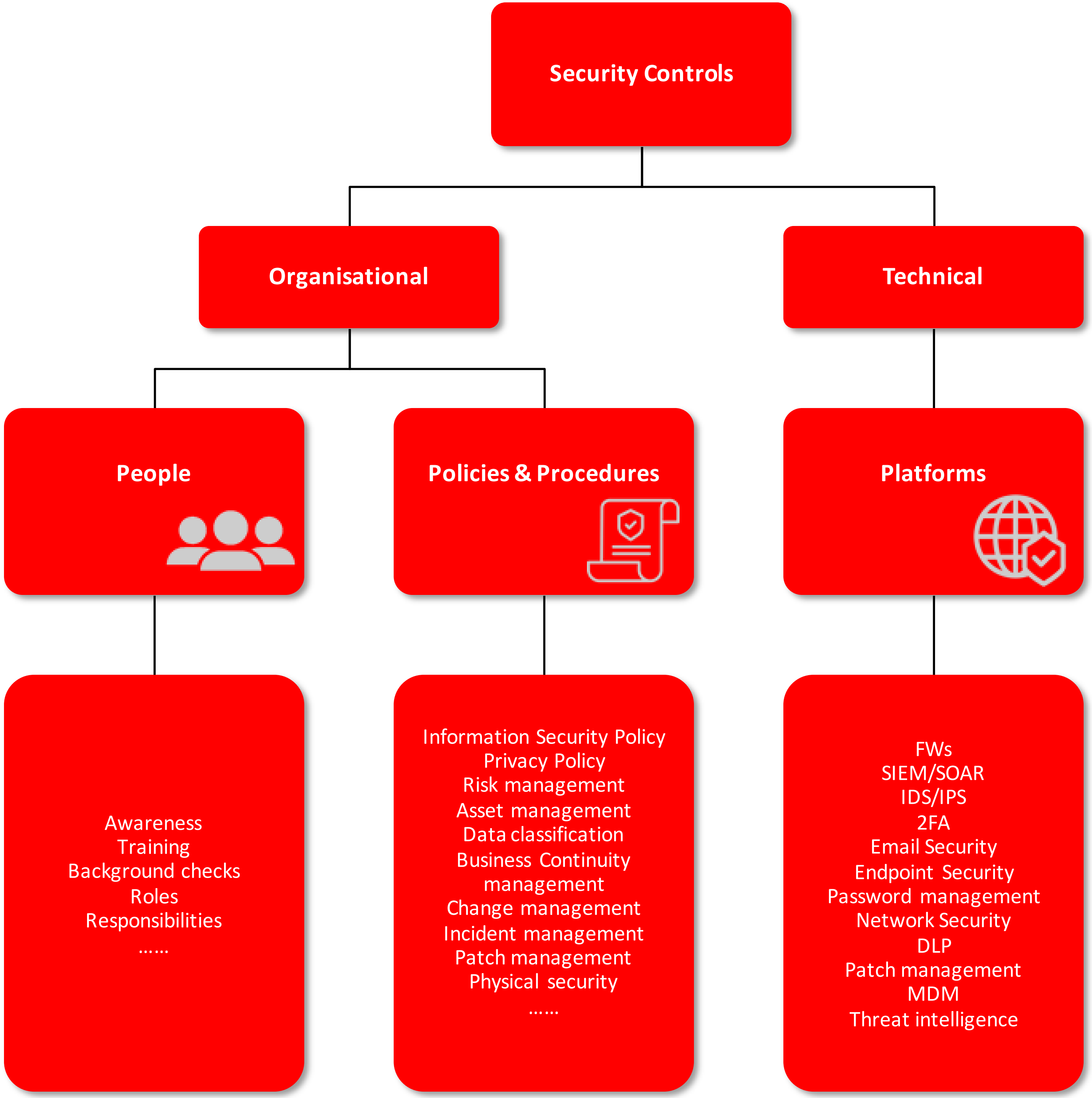
Security Controls



Security Controls

Organisational

Technical

People

Policies & Procedures

Platforms

Awareness
Training
Background checks
Roles
Responsibilities
……

Information Security Policy
Privacy Policy
Risk management
Asset management
Data classification
Business Continuity management
Change management
Incident management
Patch management
Physical security
……

FWs
SIEM/SOAR
IDS/IPS
2FA
Email Security
Endpoint Security
Password management
Network Security
DLP
Patch management
MDM
Threat intelligence

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Incident Management

Planning

- Procedures and Response Plans - e.g. Business Continuity, Disaster Recovery, Computer Security, etc.
- Teams – e.g. CSIRT, Crisis Management, Pandemic Task Force, etc.
- Training & Testing (simulation, tabletop, checklists, parallel testing, full interruption testing)
- Metrics and Reporting

Detection & Analysis

Incident detection & verification → Prioritisation → Impact analysis → Notification (internal / external)

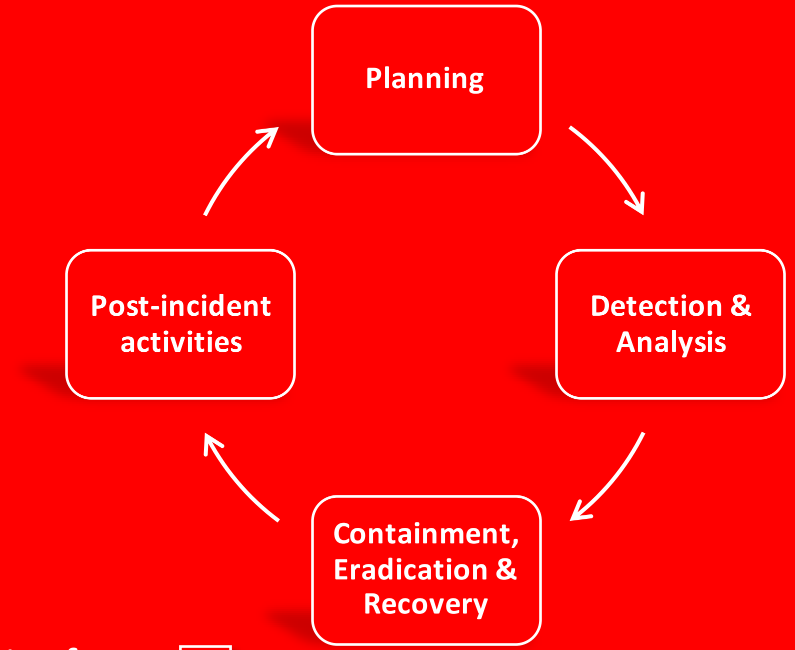
Containment, Eradication and Recovery

Containment strategy → Evidence gathering → Attack source identification → Eradication → Recovery → Continuity and disaster plans execution

Post-incident activities

Lessons learnt → Incident reporting → Evidence retention → Legal actions → Information sharing

Detect faster + Fix faster = Reduce impact



Top breach impact affecting factors

- Incident Response Test
- Business Continuity
- AI capabilities in security
- Red / Purple Team testing
- Awareness

- Complex systems
- Cloud misconfiguration
- Skills shortage
- Compliance failure
- Partner breach

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Σας ευχαριστούμε

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