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Developments in the regulatory landscape of software product security

InfoCom Security 2024

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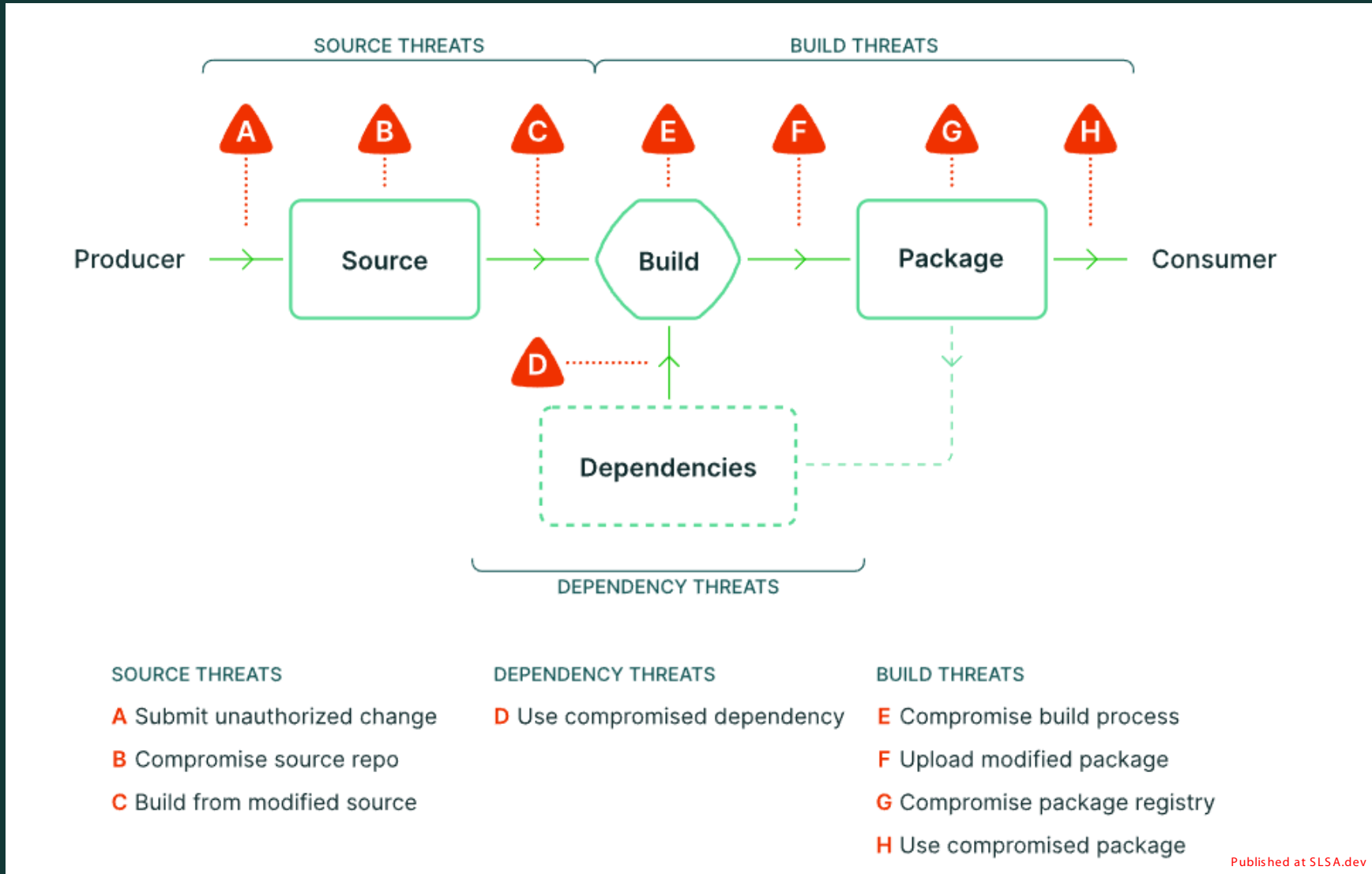
Agenda

- Creating and delivering software
- The perils
- Software quality
- Policymakers eye on software product security
- Wrap up

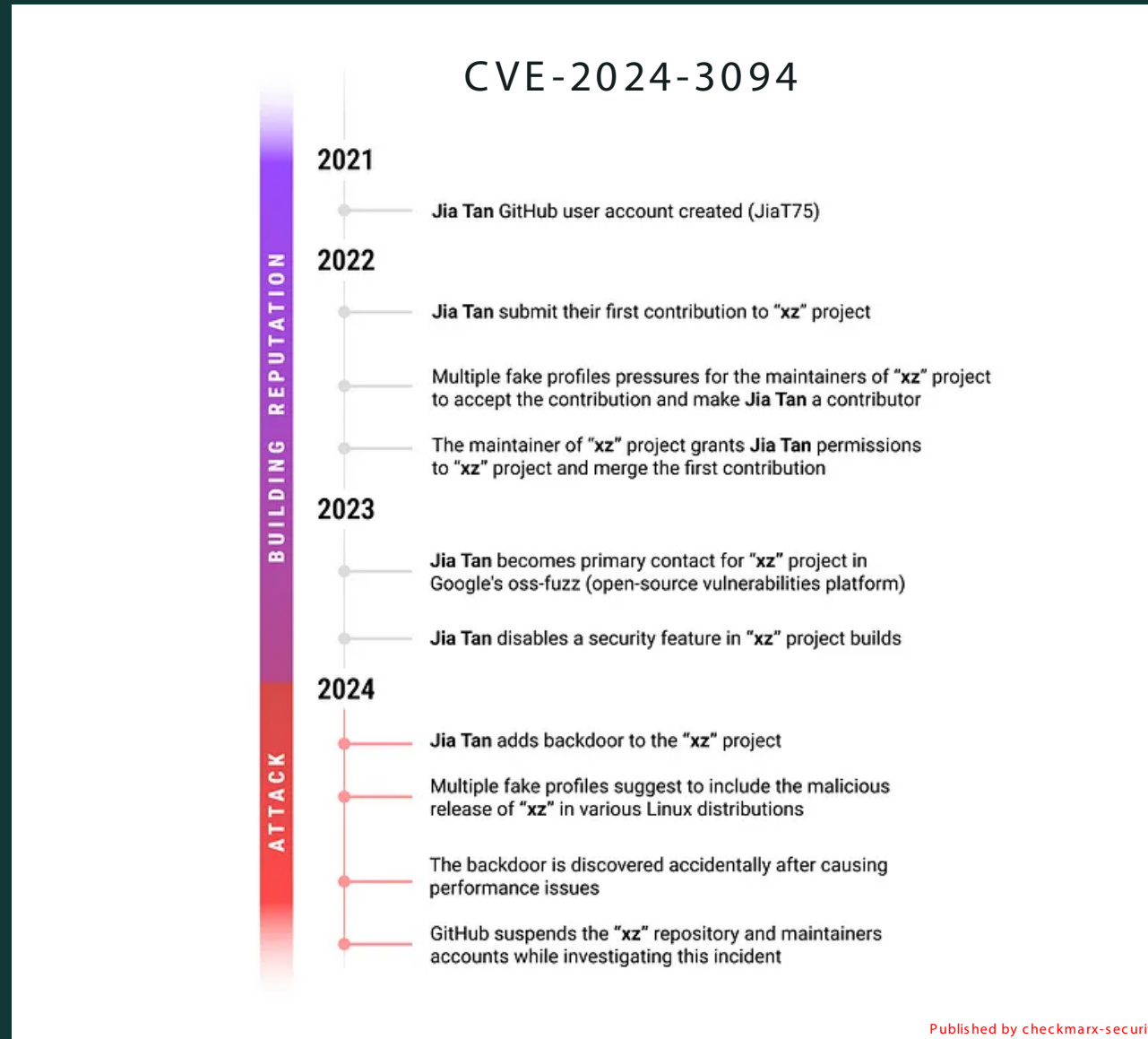
Software product supply chain



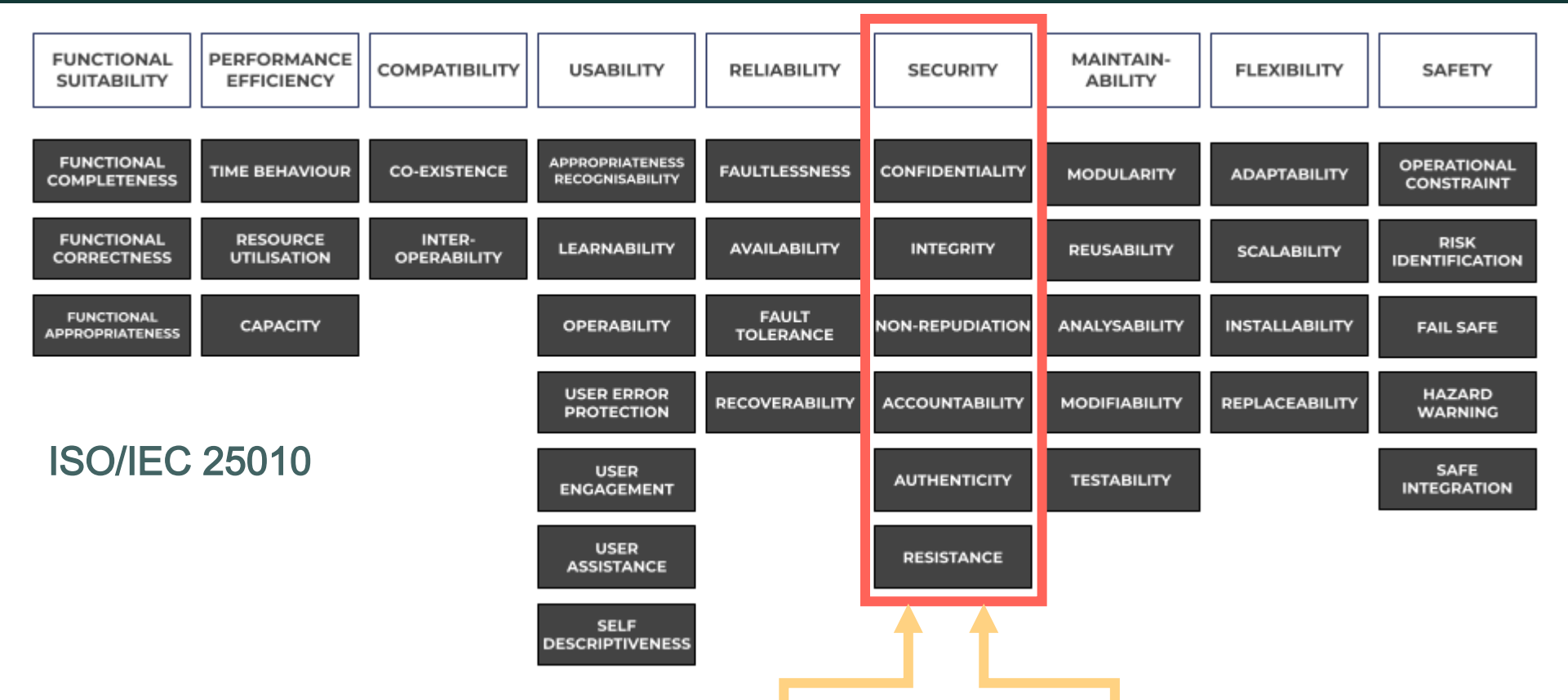
The software product supply chain problems...



...carry on with more sophistication



Software product quality



Industry Regulators

Standards Bodies



Executive Order 14028

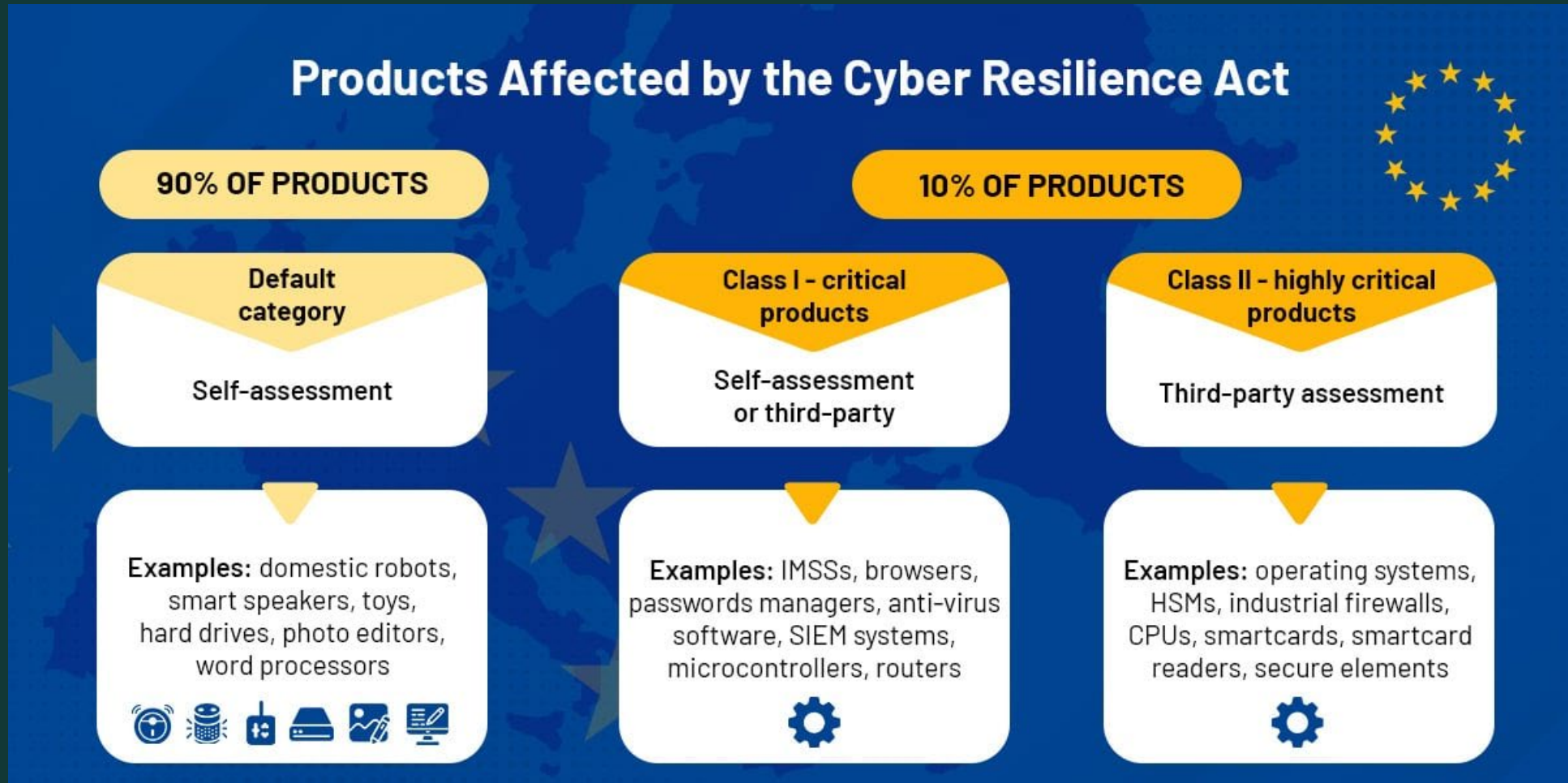
- **May 2021:** Executive Order on Improving the Nation's Cybersecurity
 - Enhance the security of the software supply chain
 - Third party software used by the Federal Government is functioning securely
 - NIST standards and guidance as compliance prerequisites
 - Critical vs Non-Critical software classification
- **September 2023:** compliance with NIST guidance required for all third-party software



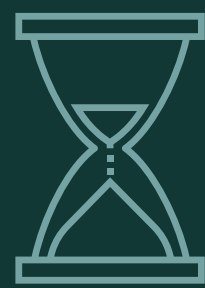
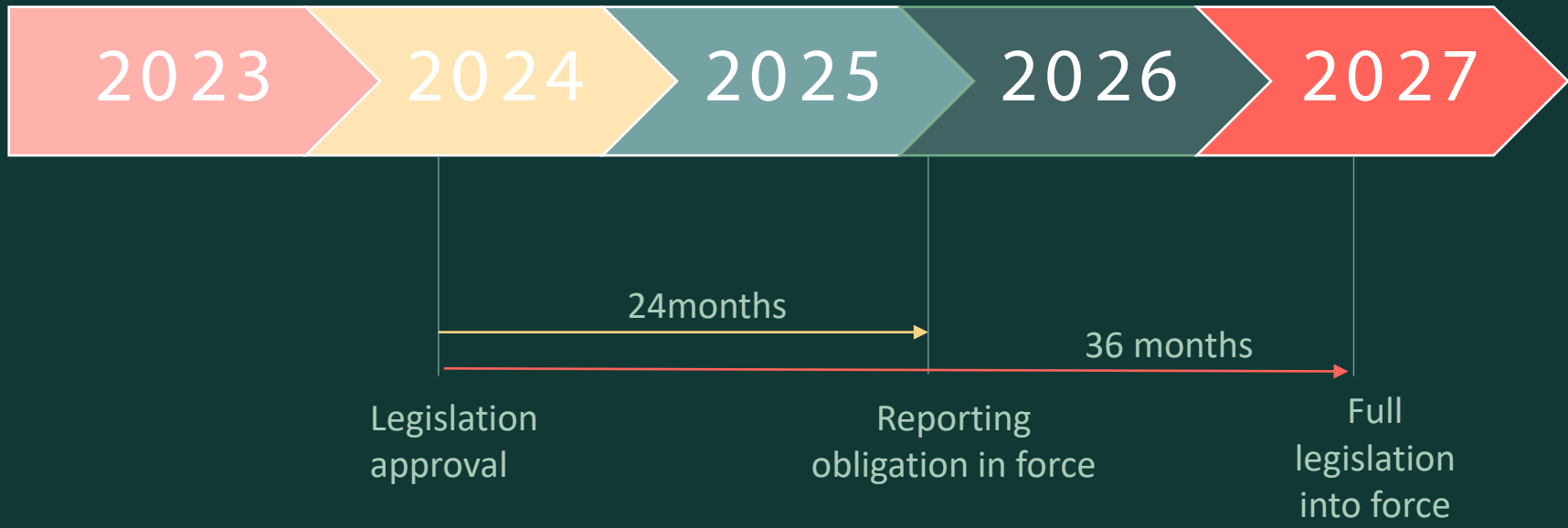
Cyber Resilience Act

- Ensure that software meets essential cybersecurity requirements before being sold on the European market.
 - Appropriate level of cybersecurity based on the risks
 - Delivery without any known exploitable vulnerabilities
 - Proactive vulnerability management
- Place product security obligations to software manufacturers and importers

Cyber Resilience Act



Cyber Resilience Act



How Netcompany can help

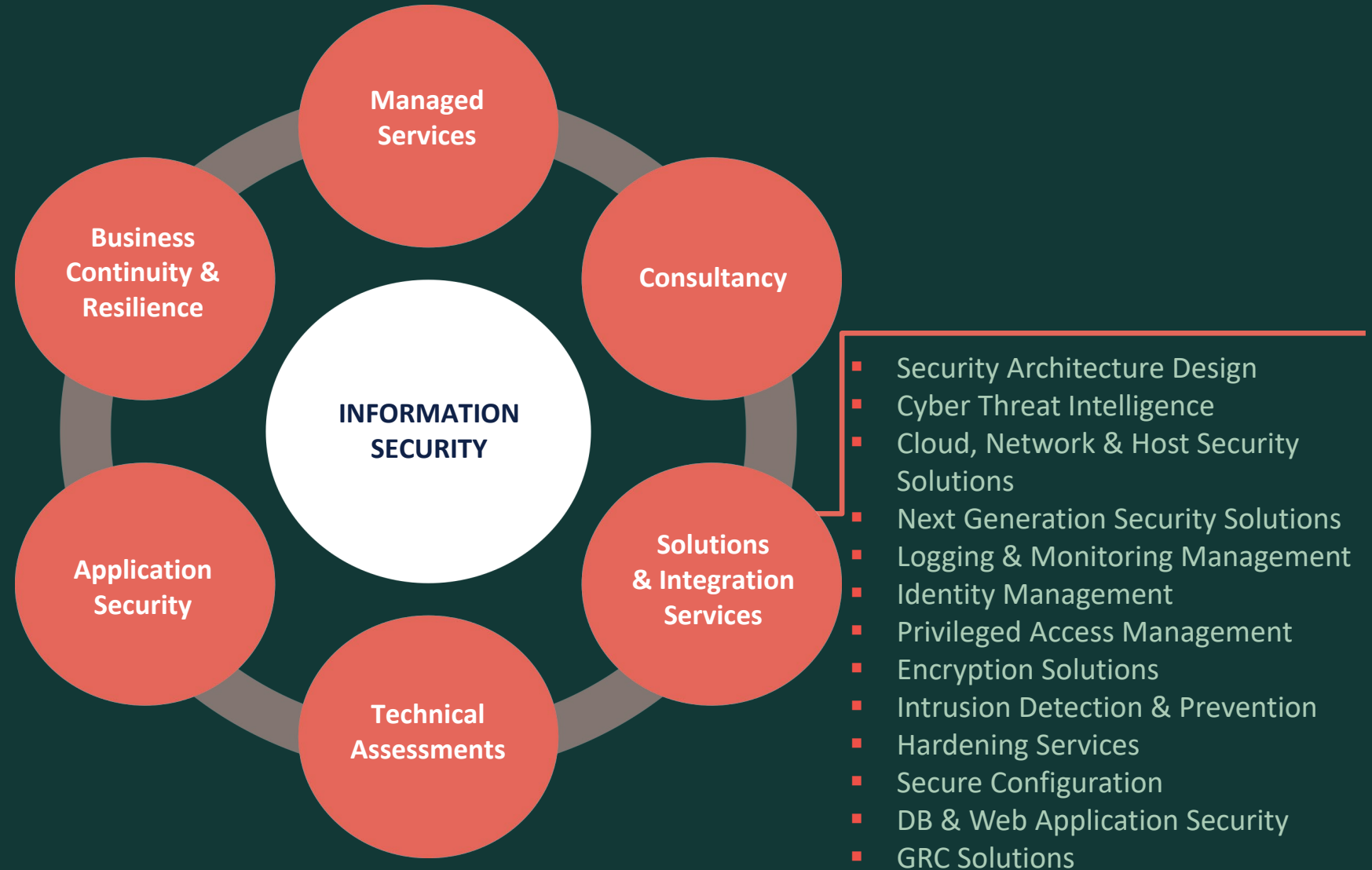


How Netcompany can help



- Strategy & Roadmap Development
- Maturity Assessments
- Culture, Awareness, Readiness Development
- ISMS Framework Design
- Compliance Assessments & Advisory
- Cybersecurity Policies & Procedures
- Security Plans & Studies
- Security Risk Assessments

How Netcompany can help



How Netcompany can help



- Vuln. Assessments
- Penetration Tests
- Social Engineering
- IT Security Audits
- Cybersecurity Assessments
- Data discovery & classification

How Netcompany can help



- Secure SW Development Advisory
- SW Security Assurance & Assessments
- SW Security Architecture Reviews
- Third-party SW Assurance
- CI /CD Security Assessments
- Secure SW Development Education
- Secure Code Review
- DevSecOps Tools & Services

How Netcompany can help



- Continuity Strategy & Roadmap Development
- Continuity Status Assessments
- Business Continuity Trainings & Awareness
- BCMS Design, Development & Implementation
- Disaster Recovery Design & Assessments
- BCM and DR Alignment

How Netcompany can help

- Cybersecurity Operations & Administration
- CISO / DPO / BC Officer as a Service
- DevSecOps as a Service
- Network Policy Management





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#TrustForYourPotential

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