


**THALES**

**CyberSec for Digital Transformation**



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**A short reminder**

**You are under Attack !..**  
**...and it won't stop**

**APT**      **...more to come**      **DDOS**  
**Phishing**      **Privilege escalation**  
**Corrupted data**      **Side channel**  
**jamming**      **Malware**      **ransomware**  
                          **eavesdropping**      **THALES**

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**Game-changing**

- **new threats,**
- **new attack surface,**
- **new technos (deep techs),**
- **new arch (including time variation, IoT, MEC, CPS, slices,...),**
- **new biz models (incl. mission critical)**

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**Another short reminder**

- **CIA**
  - Data, usage
- **Perimeter/scope**
  - Components, product, systems, services
- **Grade/Target**
  - Tooth brush vs. aircraft
- **Policies**

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**« By Design » is not enough**

- Threat intelligence
- Security (protection) enforcement deployment (Software Defined Security)
- Security (attack detection) deployment
- Security as a Service (incl. IAM)
- Innovative security strategies (deception,...)
- Continuous Monitoring/awareness/assessment of security
- (coordinated) Response to incident
- Remediation
- Identification
- + data centric issues specific to Digital infrastructure
- + complex system & services certification issues

+ quantic  
or  
unknown disruptive tech

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**No more « a posteriori »**

- **Co-X**
  - Design
  - Dev
  - Deployment
  - Whole Life cycle
- **This is End-to-End**
- **This is a Must...**
- **We need Digital Autonomy**

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