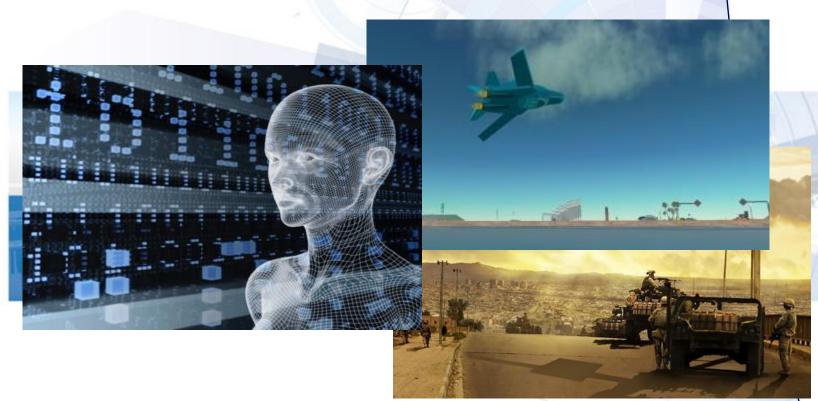


Bringing Security to the Cyber world



October 19th, 2009

Denis GARDIN

Head of EADS Cyber Security Customer Solutions Center

Risks and stakes of Cyber Security



The Future of Internet to provide more and more critical services weighing a larger part in the economy.

- E-commerce/ e-banking
- E-government
- E-health
- Network centric operations : logistics, defence, air traffic management

The recent few years have seen a significant rise in offensive, defensive and counter offensive activity by criminals, industry and Government, creating significant economic loss.

- Estonia denial of service attack;
- Cyber crime supporting terrorism;
- Loss of confidential information

EADS challenged by Cyber Security



Platform Business Units

Airbus Military Transport Aircraft



Eurocopter



Military Air **Systems** &Eurofighter



Missiles



Astrium



Defence

Electroni

CS

Headquarters

Corp.

Security

Corp. HR

Corp.

Security

Corp.

Audit

Corporate Technical Office

EADS Innovation Works

Composite

Metallic & Surface

Struct. & Production

Electron, & Sensors

Simulation, IT & **Systems Engineering**

Engineering & Archi

Static analysis

•IT security •11 lab

Modelling of Physics

Simulation

Energy & propulsion

Innovative concepts

Platform protection: On-board systems; ground-air communication

Defence & Communication Systems











(Tetra,

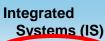
Tetrapol)

 Multi-standard terminals & networks

Mobile Radio

Crypto ASIC

Electronic vote



- Intelligence systems
- Battlespace systems
- Airspace dominance
- Naval systems
- Inter-army operations



- Border protection
- Crisis management
 - identity management

Secured Com Solutions (SCS)

- Info. Infrastruct.
- Deployable Services
- Info. security Secure services
 - Secure IP communication
- Defence information

Ground-air communic ation

audits

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... has developed products, services and solutions for the most demanding government customers in France, Germany, UK, USA



Services:

- Cyberwarfare and IT security consultancy.
- Identity Management
- Security Management (Security Operation Center)
- IT security training: from high level awareness to training IT security operators

Software Tools:

- Software firewalls;
- Virtual private networks;
- Vulnerability scanners;
- Computer software forensics.

Hardware - IT Security Systems and Appliances including:

- •Network cryptographic devices.
- •Secure routers;
- Hardware-based firewalls;
- Network Access Control (NAC) appliances;
- Intrusion detection and prevention hardware;