



CASSIDIAN CYBER SECURITY

Why is this an issue now?

Environment has changed and Cyber threats have become a boardroom issue

Stronger threat

- Number of attacks has dramatically increased worldwide (US being the No1 target)
- Gravity of attacks and impact on business (espionage) have reached high level (due to organized crime and nation state offensive capabilities)
- Cyber attacks require real time reaction
- Cyber war is asymmetric by nature



High vulnerability of organisations

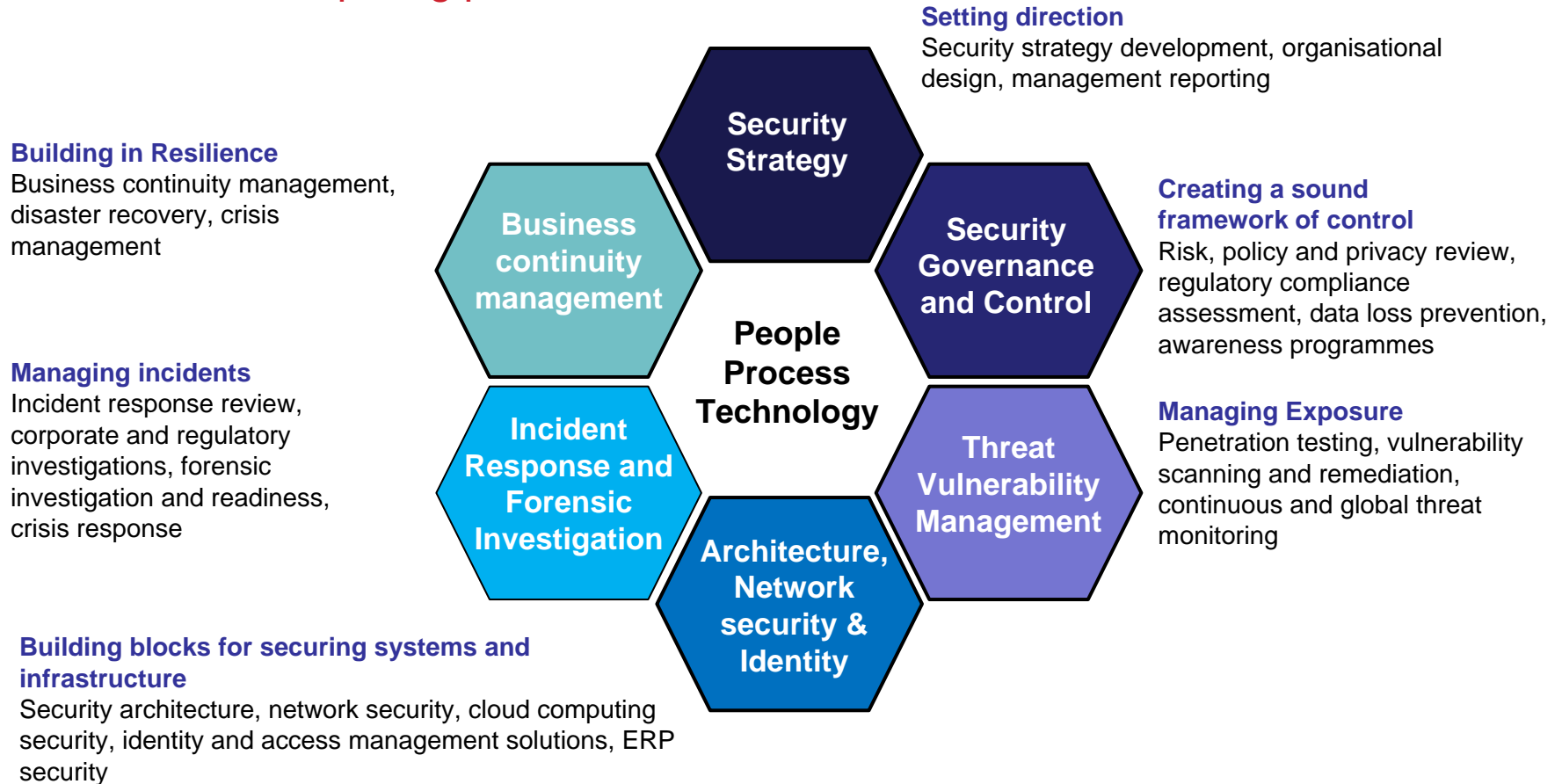
- IT infrastructure is more and more open to the web, in line with the evolution of business
- Offering mobile capabilities is vital but increases vulnerability
- Evolution of IT infrastructure towards cloud obviously raises the question of security

The Fifth Battlefield: Cyberspace has become

« *a new domain in warfare ... just as critical to military operations as land, sea, air, and space* » - William J. Lynn, U.S. Deputy Secretary of Defence

What is cyber security?

Cyber security is the set of technologies, processes and practices designed to protect organisations against dynamic threats to their information assets, networks and computing power



Source: PwC Cyber Savvy CEO report

What are the main Customer challenges?

*“Increasing [cyber security] quality means increased complexity. Many clients feel **overwhelmed**”*

IT Software Co.

*“As the job market is fairly tight we are lacking access to vital skill, both internal and external. The only **solution is external consulting**”*

German Automotive Co.

*“The increased use of intelligent endpoint devices (e.g. smart phones) requires good **protection and secure communications**”*

German Banking Industry

*“Smart devices are the future, and they are a fantastic innovation, but they are a nightmare from a **security perspective**”*

Foreign Exchange Co.

*“We are moving to the cloud and **security has to keep up** with the speed [that] business is going ahead. In general we are focusing on private cloud services”*

Pharmaceutical Co.

*“There is a need for event monitoring, event management, event correlation support. This is an area with **very strong demand for technology and expertise**”*

Financial Industry interviewee

Our Mission

We provide Governments, Defence, Critical National Infrastructures and Industries with the design, construction & operation of Cyber Defence capabilities.

We deliver reliable high-end Cyber Solutions & Services that meet high end mission requirements to efficiently face up to real-time 'Advanced Persistent Cyber Threats'.

ADVANCED CYBER SECURITY

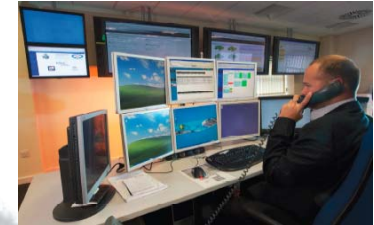
An aerial view of a city, likely New York City, with a digital network overlay. The network consists of glowing blue lines connecting various points across the city, symbolizing advanced cyber security and infrastructure.

Our global offering

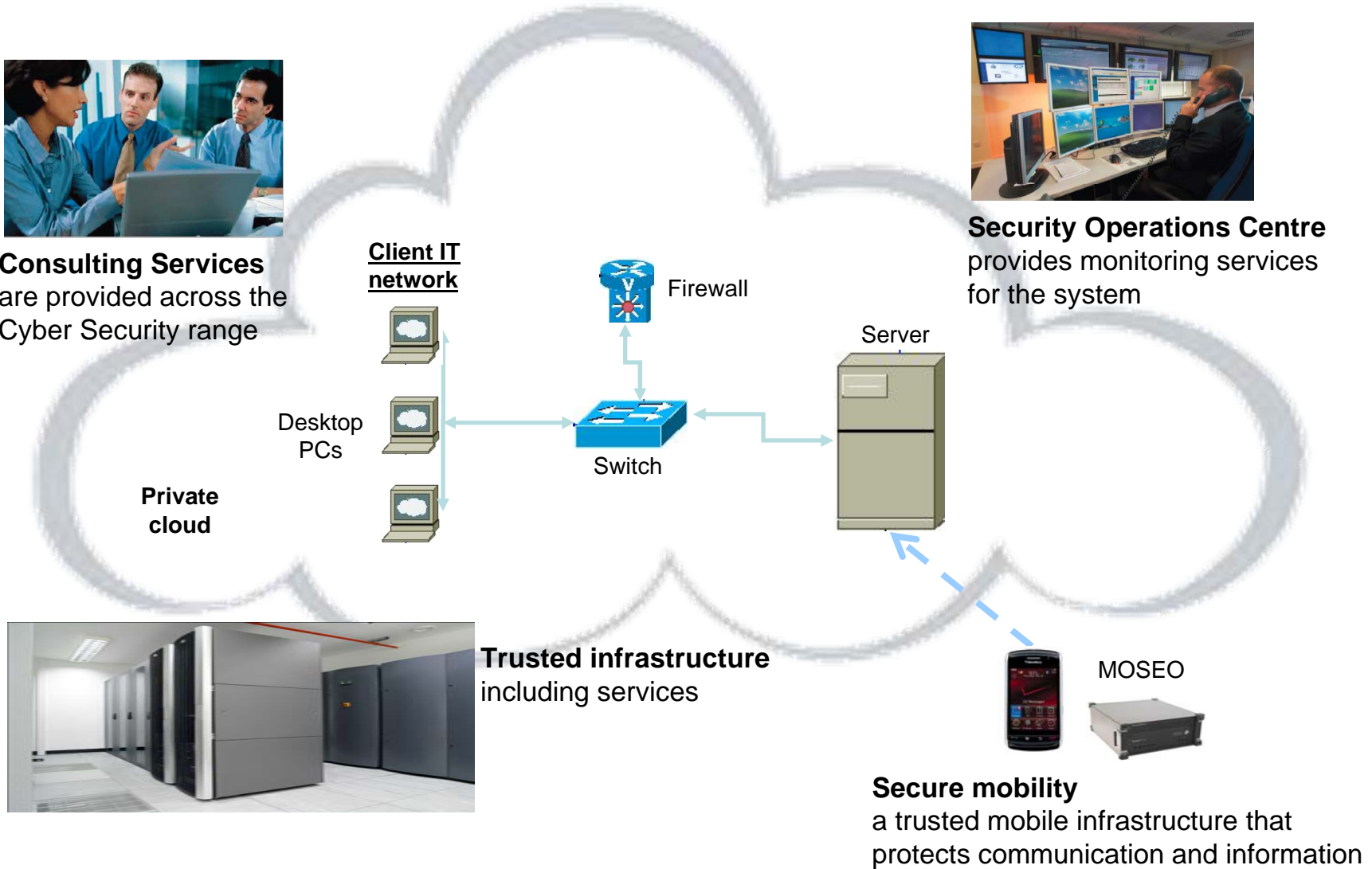
A comprehensive offering covering the full range of Cyber Defence requirements



Consulting Services
are provided across the
Cyber Security range



Security Operations Centre
provides monitoring services
for the system



Consulting and Training

Our consultants use their expertise and skills to advise on a variety of diverse cyber security problems, including:

Risk Analysis

- Identification of critical information and systems to protect
- Auditing
- Pen tests
- Code assessments

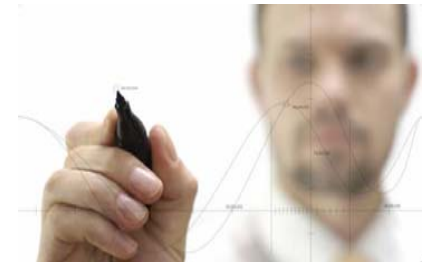
Governance

- Cyber security and supervision strategy
- Security policies
- Compliance

Forensics

Specific training program offering a wide range of Cyber Security Trainings fitting to your requirements:

- Threat situation awareness
- Protecting the information
- Testing the strength of security
- Forensics
- Risk analysis & Cyber Security policy
- SOC Training



Security Operations Centre (SOC) and Managed Operations

Anticipate, identify and neutralise cyber threats and attacks in real-time

SOC, the Operational Security Management

- Our SOC monitors your system for cyber attacks, compliance, loss of data and reputational damage
- It aggregates multiple feeds of data from a variety of sources, e.g. Intrusion Detection Systems
- When an attack is detected the SOC operatives stops the breach, analyses the causes and takes appropriate remedial action
- Cymerius, a steering solution for decision-makers



Strategy



Operations



Alarms



Reactions

Running a Security Operations Centre

- Monitoring & protection of your system
- Incident response
- Continuous evolution of the system to cope with evolving concepts of attacks
- Regular assessment of level of security (simulation/pen test)
- Either 'in situ' operation management or outsourcing services



Monitoring

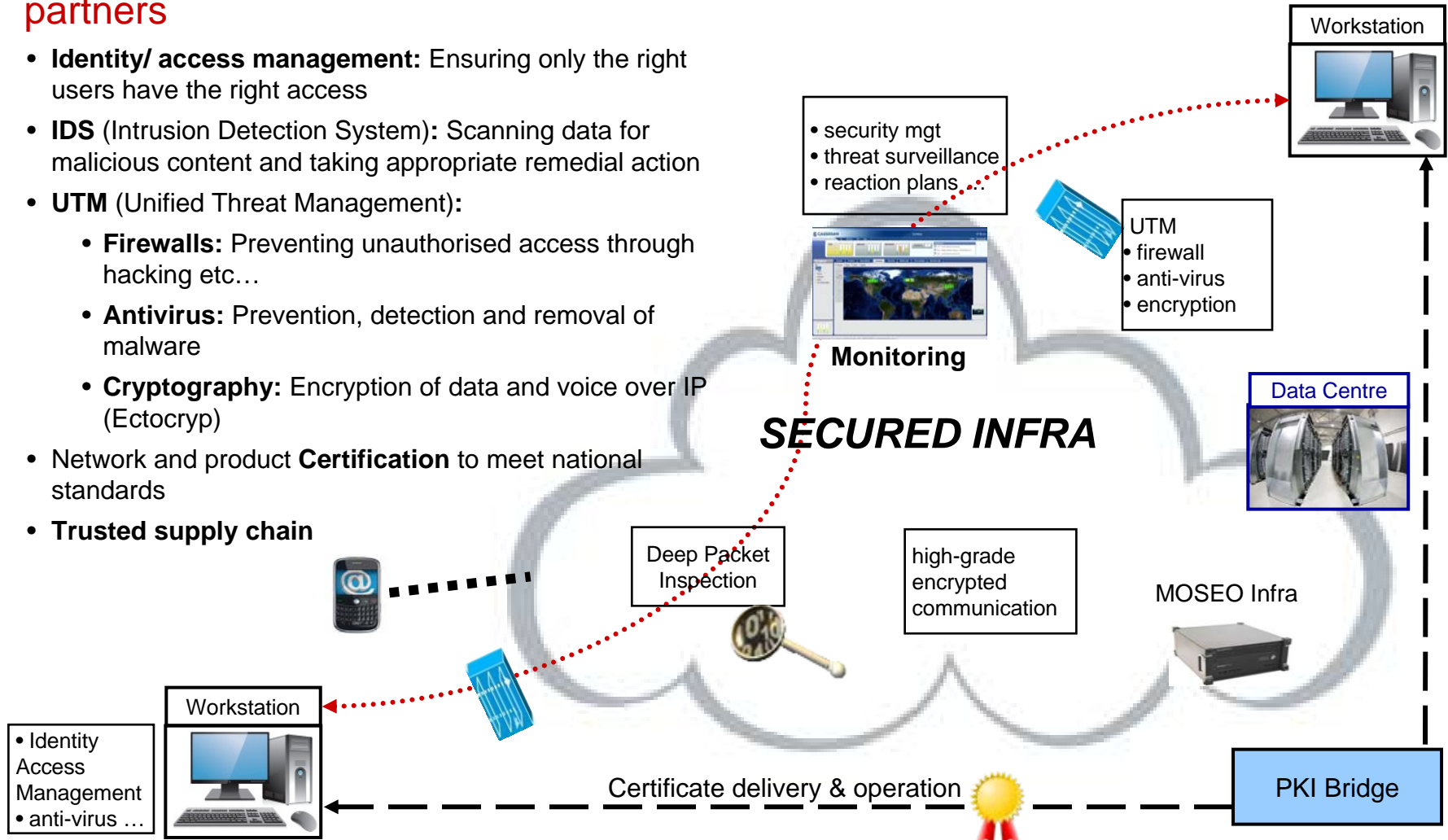


Management Operations

Trusted Infrastructure

We are providing a unique value proposition combining high end leading edge ciphering and data centre technologies with innovative solutions from our trusted partners

- **Identity/ access management:** Ensuring only the right users have the right access
- **IDS (Intrusion Detection System):** Scanning data for malicious content and taking appropriate remedial action
- **UTM (Unified Threat Management):**
 - **Firewalls:** Preventing unauthorised access through hacking etc...
 - **Antivirus:** Prevention, detection and removal of malware
 - **Cryptography:** Encryption of data and voice over IP (Ectocryp)
- Network and product **Certification** to meet national standards
- **Trusted supply chain**



Secure Mobility



Global business requires global mobility

- physical and digital boundaries of a company's infrastructure are in constant evolution
- retaining a secure, protected IT infrastructure whilst working "on the move" is imperative for any business
- communication (through email, voice and SMS) is vital yet also vulnerable to exploitation

We offer MOSEO Mobile, a scalable, economically viable and safe IT mobile infrastructure offering rapid deployment and secured reachback capabilities

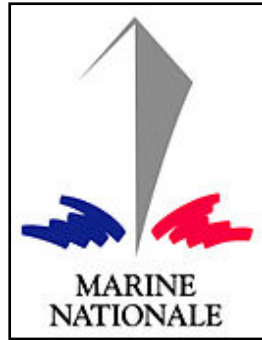
Equally, we provide Kyle, solution for the encryption of communication devices. As such, secure communication is retained - wherever you might be.



References



French MoD



French Navy



Airbus



Swedish Police



UK MoD



NATO



French Army



French National Police



US Air Force



Qatar Border Security

Thank you for your attention!

Any questions?

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