Cyber Solutions

for Defence

Design, develop, integrate and deploy secure defence solutions by mitigating cyber risks throughout the entire lifecycle

- **Designing** «tailor-made» solutions, with defence in depth concepts
- **Develop** and **integrate** trusted security solutions for Defence
- **Provide** tailored operational support, training and assistance

AIRBUS

Secure Gateways

- Secure Gateways between sensitive and unprotected security domains
- Secure Gateways between networks with different levels of confidentiality
- Filtering and analysing content according to the streams to be routed and secured
- Intrusion Detection and prevention
- Encrypted Flow Inspection (SSL Inspection)

Security accreditation process

- Security accreditation strategy and security documentation
- Risk analysis, security policies and residual risks statement
- Regulatory compliance with national requirements (NCSC, ANSSI, BSI)
- Regulatory coverage (IGI1300, II920, II901, IM900, etc.)
- Secure basis for hosting administration, system supervision (NOC), and system security oversight functions
- Modular set of protection solutions (network, endpoints, servers, VPN, gateway, credentials, authentication, etc.)

Security Operations Centre

- Full design and integration of a Security Operations Centre (SOC)
- Mobile / tactical supervision systems
- Advanced detection capabilites through AI
- Remote supervision of critical systems
- Assistance in supervision
- Orion Malware solution: Detect and analyse malware in your systems

Identity and Access Management

- Traceability and control of system access (privileged / non-privileged users)
- Protection against unauthorised access attempts
- Centralised Management of users and rights, multifactor authentification
- Unified strong authentication (SSO, smart card, PKI, etc.)
- CymID: A unified and robust identity and access management solution

Cloud security

- Cloud IT Supervision (Iaas, Paas, SaaS)
- Security Gateways
- Identity Management and Federation
- Cyber protection for massive intelligence systems

Network security

- Protection of local and wide area networks, protection of network devices
- Resilient architecture that ensures operational safety
- VPN networks protecting sensitive streams (national confidential) and classified streams (EU restricted, NATO restricted CD, Secret)
- Network Authentication

Security Maintenance

- Support for system security validation
- Security audits
- Support for security subsystems
- Support for analysing system-related security alerts
- Vulnerability monitoring, vulnerability scans
- Evaluation and application of critical patches

Endpoint and server security

- Protection of devices and servers, Security of mobile devices
- System virtualisation infrastructure
- Modular set of protection solutions
- Hardened OS with compartmentalisation

Security training and simulation

- Operators, integrators and administrators training
- Realistic simulation, testing, exercices, challenges
- CyberRange: advanced integration and simulation platform

Key management infrastructure security

- Root/delegate certification authority
- Hardware security Module (HSM)
- NATO and National Key Distribution
- Military Key Fill

Airbus Defence and Space Cyber: a proven industrial partner for designing defence solutions from end-to-end

- Design of a full cyber security architecture for tailored solutions, support for certification process

- Risk analyses taking into account specific military requirement

- Development of new security policies in accordance with military standards

- Experience working with defence in the UK, France and Germany

Hamburg
Newport
SOC
Lille
Cologne
Paris
SOC
Rennes
Munich
SOC
Lyon
Toulouse
Madrid
SOC

● Airbus CyberSecurity
● Stormshield

1
Secure Design & Development

2
Dedicated Architecture & Secure Integration

SECURITY MAINTENANCE

CONTINUOUS IMPROVEMENT & TESTING

4
Safe decommissioning & lessons learned

3
Commissioning, operational and security maintenance

Airbus Defence and Space Cyber

The Cyber business within Airbus Defence and Space is specialised in tailored cyber defence developments and services for critical organisations

- A leading European provider protecting EU institutions

- An end-to-end integrator for IT and OT industrial cyber security

- A trusted partner for Airbus, Governments and Critical Industries

- Unique experience with platform security and embedded systems

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