



LEONARDO CYBER & SECURITY SOLUTIONS

CYBER SECURITY SOLUTIONS



Government, defence, energy transmission and distribution networks, telecommunications, transport management infrastructures, the health care system and the financial sector are becoming increasingly complex and interdependent. A malfunction in such critical infrastructures, even for a limited period, would have a negative impact on the global economy, cause financial losses and, in certain cases, would put the security and safety of people, information and property at risk.

In light of the pervasive cyber threat, organisations are being forced to review their approach to managing risk and are identifying strategies to reduce the vulnerability of key infrastructures.

Security is even more critical for organisations that store customers' sensitive data, because national and international laws and regulations make organisations and their managers legally responsible for security and privacy violations. Businesses therefore need to ensure their security systems are coherent with the latest regulations and legislation.

EXPERIENCE

Leonardo has more than 25 years' experience working in cyber security. Drawing on a dedicated organisation, a consolidated approach and constant investment in resources and technology, we provide public and private organisations with a comprehensive security strategy and solutions covering organisational, technological and compliance issues.

Our approach focuses on understanding the threat our customers face, their tolerance to risk, specific needs, main concerns and unique business drivers, with careful adaptation of our solutions and processes accordingly.

The customer retains total control over strategic decisions and benefits from a personalized combination of services, delivered to the highest standards of quality and expertise. Experience gained in various market sectors including Defence, Banking and Finance, Public Safety & Security, Telecommunications, Emergency Services, Energy and Gas Production and Distribution, Health Care, Transport, enables us to understand both the business and security needs of key infrastructures.

Close collaboration with top security players, universities and research centres has enabled us to develop solutions that combine advanced technology with innovative computing systems to manage risk and prevent attacks.

REFERENCE MODEL

Leonardo Cyber Security Solutions are mapped into international frameworks, such as NIST framework, providing an holistic approach to cyber security across five key areas:

- **IDENTIFY** the assets that support your critical business processes and the associated cyber risks.
- **PROTECT** your infrastructure through the adoption of skills, processes and technologies to make it intrinsically secure.



- **DETECT** in advance any internal or external cyber security attack against your organisation.
- **RESPOND** effectively, improving your cyber crisis management capabilities and defining an appropriate incident response strategy.
- **RECOVER** your capabilities and services that were impacted by a cyber-security incident, enabling you to quickly resume to 'business as usual'.

PROFESSIONAL SERVICES

Leonardo delivers professional services developed specifically for organisations that want to have full assurance of effective information protection measures and to improve them in line with business needs.

A qualified team has developed a full set of skills including deep technical, regulatory and organisational experience.

Services include:

- Security assessment and audit
- Security governance
- Risk analysis and management
- Regulatory compliance
- Certification support
- Business continuity and disaster recovery planning
- Information security awareness and training.

DESIGN & BUILD SERVICES

We offer turnkey solutions based on an analysis of customer needs, comprising architecture and design specification, implementation, and on-site integration.

Services include the design of custom SOCs, with a particular focus on document classification and protection. We also offer protection for both traditional ICT and Industrial Control Systems (ICS)/SCADA by leveraging a comprehensive approach.

CYBER INFORMATION SUPERIORITY

Leonardo **Cyber Information Superiority** suite allows the collection, processing and dissemination of an uninterrupted flow of huge amount of data with the ultimate goal of countering adversaries' activities. It consists of three modules, that aim to maximise the profitability of information both coming from the monitoring and management of corporate security infrastructures and those acquired through threat intelligence feeds.

- **Cyber Threat Intelligence System**, represents the core of Cyber Information Superiority as it is based on a single knowledge base containing all information related to both threat actors and victims.
- **Live End poiNt Security**, is a flexible and innovative Endpoint Detection & Response tool, guaranteeing information "actionability" as it enables early anomalies' detection and immediate response actions.
- **ARGO**, is a multi-sandbox solution that provides a powerful environment supporting malware analysis and classification combining static and dynamic analysis in controlled environment.

CYBER SITUATIONAL AWARENESS

Leonardo's Cyber Situational Awareness System is a complete ecosystem specifically designed to keep an organisation's security teams and executive profiles informed of what is happening in terms of Cyber security in their operational context through the continuous collection and analysis of data. It also supports the decision-making and investigation processes of security analysts and management by providing an information centraliser that exposes executive dashboards and technical operational interfaces.

CYBER TRAINING

CYBER & SECURITY ACADEMY

Leonardo's Cyber & Security Academy has been created with the aim of developing the skills and capabilities needed to recognize and deal with the new risks that threaten Countries security and to promote the awareness of institutions, enterprises and citizens by capitalizing on Leonardo's distinctive ability to operate in the major critical civil and military domains.

Leonardo's advanced training centre proposes an educational offering aimed at all the main players involved in the management of national security. By using a systemic approach, it develops a cultural network made up of integrated and shared security skills, which contribute to increasing awareness of new risks facing the country's security system.

CYBER TRAINER

Cyber Trainer is a platform providing training courses developed for diverse users – from non-expert personnel to those with specialist technical capabilities. From the identification of training needs to formal learning, from the practical application of acquired knowledge to the certification of competences, the platform allows each user to keep up-to-date on the topics of greatest interest in a continuous and independent way.

CYBER RANGE

Cyber Range is a platform that trains operators through the simulation of extremely realistic and complex scenarios (digital twins) in which it is possible to test new attack and

defence techniques and verify tools and processes used to protect technological systems. It provides exercises, based on gaming models, which are developed through a teams comparison (attackers, defenders and evaluators) with the goal to verify the safety and resilience of the simulated infrastructure.

MANAGED SECURITY SERVICES

Our Security Operation Centres (SOCs) provide a flexible and comprehensive set of Managed Security Services that can be quickly tailored around an organisations' specific needs.

Managed Security services offer efficient, around-the-clock perimeter and internal security with real-time monitoring, device maintenance, event correlation, and analysis of the customer's infrastructure and critical applications to ensure the cyber threat is pro-actively managed and attacks mitigated.

- Real Time Security Monitoring Services
- Device Management Services
- System Management Services
- Red Teaming Services
- Computer Security Incident Response Team Services
- Threat Intelligence Services
- Security Dashboard

Our incident response services cover the entire spectrum from initial incident and the provision of threat intelligence, through to forensic services and advanced malware analysis to establish the nature and the authors of the attack.



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MM08252 04-23