

GLOBAL SOC

SECURITY OPERATION CENTER



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Leonardo's Global Security Operation Centre (SOC) activities are based on the skills of **75 Cyber Security & Intelligence expert analysts working at Global SOC 24 hours a day, 365 days a year**, on a High Performance Computer (HPC), specifically dedicated to the provision of threat intelligence services and on a data centre that enables the monitoring and management services of IT and industrial infrastructures (OT) of our Clients.

Global SOC located in Chieti (Italy), currently protects more than **7,000 networks and 100,000 users in 130 countries** from cyber threats.

Threat intelligence services provided by the Global SOC aim to continuously monitor open sources, the deep and dark web, in order to detect and analyse malicious activities taking place in cyberspace. This is done exploiting the computing power of the HPC, which can process **500,000 billion operations per second (500 TFlops)**.

The HPC computing power allows to download, analyse and correlate an extremely large amount of information in order to identify cyber threats that are most likely to affect the managed infrastructures. To that end, every year Leonardo's Global SOC monitors more than **4.7 million Indicators of Compromise**.

Leonardo's Global SOC annually also provides its clients with more than **8,500 Tailored Intelligence Reports**, containing information aimed at identifying authors, motivations, dynamics and characteristics of cyber-attacks that have affected the monitored infrastructures.

This information is correlated with the approximately **115,000 security events per second** coming from the managed infrastructures, with the aim to increase the effectiveness of an automated process capable to generate every day over **1,800 security alerts** (Security Offences) taken over and managed by the Global SOC analysts, also using advanced automation and orchestration tools.

Each year, the Global SOC generates over **300 Security Awareness** containing the results of analyses related to specific security incidents, which are disseminated and made available in order to help increasing the awareness of cyber risks in companies and institutions.

 **75# expert analysts**
in Cyber Sec. & Intelligence at the Global SOC

 **500 TFlops**
High Performance Computer

 **+4.7M # Indicators of Compromise** monitored/year

 **+8,500 # tailored intelligence reports** generated/year

 **+115,000 # security events** monitored/second

 **+1,800 # security offences** managed every day

 **~300 # security awareness** generated/year



For more information:
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