Company Profile

About SIGN4L

Critical Defence. Operational Confidence.

With today's evolving technologies, success in the mission environment requires securing the electromagnetic (EM) spectrum, whether that be for active defence or operational awareness purposes. Based in Abu Dhabi, SIGN4L is the leading provider of electronic warfare and intelligence (EW&I) solutions in the UAE, and is recognised as one of the only few companies offering such solutions in the region. It enables end users to gain the necessary tactical advantage and achieve exceptional situational awareness and EW spectrum superiority across military and intelligence operations.

Part of the Electronic Warfare & Intelligence cluster within EDGE, SIGN4L is at the vanguard of helping clients expand their options in a rapidly changing world by working with them to manage complex information, security and performance requirements. The company develops, acquires and supplies lifecycle support for defence and security forces in three focal areas, including integrated electronic warfare; aircraft electronic survival systems; and intelligence, surveillance, target acquisition and reconnaissance (ISTAR) sensors that maintain battle-space awareness.

With the digital era introducing unprecedented opportunities and threats, the ability to communicate securely is a fundamental pillar in modern warfare, security and law enforcement. Through leveraging its cutting-edge research capabilities and exceptional relationships with leading global technology providers, SIGN4L accesses and deploys the most advanced technologies and solutions in the market, to ensure that its clients are able to communicate in critical situations. Equipped with proactive defensive support, the company is also able to protect adversaries from conducting EM attacks via the hardening of offensive target acquisition and incoming warning systems, to prevent jamming of radars or other sensors.

In this context, SIGN4L has implemented a rigorous cycle of threat analysis, and carries out R&D to specifically monitor and mitigate any emerging risks, providing customers with advanced and resilient solutions to ensure continuous communication with individuals in a combat environment. Simultaneously, its engineering and development teams design new technologies and architectures that help enhance clients' security, and expand their operating effectiveness, working in the fields of radio frequency (RF) sensors, RF signal frequency processing, RF propagation, as well as threat sensing and warning.

Designing and producing optimised open-architecture digital and RF-based security products and services for governments and businesses in the region, SIGN4L ultimately helps its customers confidently control their wireless communications through tailored solutions that address discrete

organisational challenges and operational needs – whilst bringing a unique, effective approach to electronic warfare and intelligence.