



THE OIL & GAS SECTOR

Elevating Operational
Technology (OT)
cybersecurity to Level 0



THE CHALLENGE

Oil & Gas companies are subject to growing severity of cyberattacks, with attackers aiming at causing catastrophic physical damages leading to devastating reputational damages. The 2017 Saudi Aramco cyberattack, illustrated the enormous need for unique cyber solutions dedicated for OT environments, as attackers specifically targeted ICS safety systems at the controller level, demonstrating the disastrous results such a successful attack could bring about. As physical assets are becoming ever-more connected and digitalized, these attacks frequency and intensity are expected to increase posing a serious to Oil & Gas companies worldwide.







THE SOLUTION

Monitoring Level 0 is the ultimate shield against such attacks, as Oil & Gas physical operations are constantly monitored and reported back to the operators. SIGA ensures unmatched visibility combined with forefront Machine Learning algorithms to alert of cyber threats in real-time. The unparalleled situational awareness SIGA's innovative Level 0 cyber solution offers serves as a paradigm shift for the protection of critical processes Oil & Gas companies execute. Elevate your organization's cyber security to Level 0 to promote your cyber resilience to a whole new level.

THE ONLY OUT-OF-BAND PROCESS ORIENTED CYBER SOLUTION



VALUE PROPOSITION

- **Out-of-band monitoring**
Performs 24/7 detection without interrupting your physical processes.
- **Feeling the machinery's pulse**
Provides operators with the most reliable source of data.
- **Inaccessible insights**
Delivers precise granular visibility with cutting-edge AI insights.
- **More data at higher resolution**
Reads the electrical signals up to one hundred times per second.
- **Data archives**
Improved preparedness for future attacks.
- **Dynamic hardware**
Integrates with your preferred provider's hardware.
- **SigaGuard's unique positioning (Level - 0)**
Serves as a complementary solution to other OT solutions.
- **Reduces downtime to a minimum**
Unmatched visibility ensures a quick and safe recovery from downtimes.
- **Regulation compliant**
Complies with the most stringent regulations.

ABOUT US

Founded in 2014, SIGA OT Solutions is an innovative cybersecurity company driving a paradigm shift within the world of OT cybersecurity. The company strives to expand the boundaries of OT operations with deepened security and elevated process integrity, by delivering AI enhanced monitoring and deeper operational perception to operators of critical assets.



”
In accordance with our requirements, the system reports daily on the normal status of the processes via a specific email report, as well as on a regular basis to the company relevant entities. Any anomaly is alerted by SMS and indication in the control room.

Security Manager
FSPO in the Mediterranean



Email: info@sigasec.com | Website: www.sigasec.com

