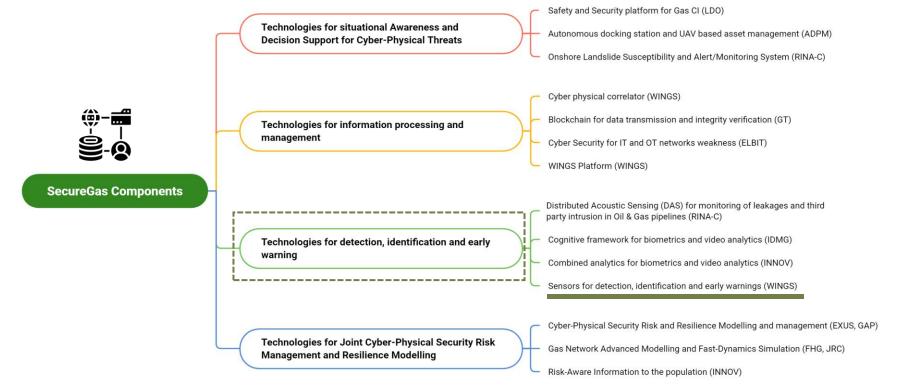


SecureGas extended components





Sensors for detection, identification and early warnings



DESCRIPTION

Based on the requirements provided by the end users as well as the specific characteristics of each site under discussion, specific threats and attack scenarios have been identified. To cover all of those and make sure that users of the SecureGas platform are sufficiently informed about the operational condition of their infrastructure, a set of devices has been created.

These devices include all the pertinent sensors, connect them and use different communication protocols to send their data to the central servers.

Moreover, the devices have been designed to be durable, resilient and compliant with the security requirements of each location. Within the hazardous area, we use components with ATEX certification.

Embedded software runs on the devices to detect abrupt changes, notify and adapt their behavior.

Sensors for detection, identification and early warnings



BENEFITS

The MAIN BENEFITS are:



- (a) Multi-purpose devices, for monitoring multiple heterogeneous parameters
- (b) Real-time monitoring in customizable frequency
- (c) Different communication protocols depending on availability
- (d) Embedded intelligence for early warning

Sensors for detection, identification and early warnings



APPLICATION CASE

Business Case 1



TARGETS

• Target End Users: Gas grid owners and operators (but also other infrastructure owners and operators)

• Target Assets: Security Managers of Critical Infrastructure



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