



Working for a constant reduction in gas leaks is one of the most important measures which can reduce the total level of risk in the energy business.

SUPEROFFICINA[®]  - ***Superintegrity***

Superintegrity is meant as a further active protection layer with a faster response time than methods like leakage detection based on external procedures or gas or acoustic sensors.

By adopting **Superintegrity** the end user will appreciate immediately the value added to health and environmental plant protection compliance programmes, together with the opportunity to negotiate an insurance coverage reduction.

Superintegrity is available in two versions:

- **Basic:** estimates in real time the values deemed useful to prevent jet fire on the line which has to be secured. The implementation of this method, which can be tailored to the specific needs of the plant, takes place by following a specific quality check witnessed by a loss prevention third party.
- **Extended:** fully engineered by using dedicated field sensors, logic solvers and final elements including cabling and connections.

The sustainability of **Superintegrity** is extended even further by the possibility of developing a suite of applications for Oil Industry and Public Utilities for sewage systems or water networks.

Superintegrity has already been thoroughly investigated and tested; it has been nominated for the O.N.S. (Off Shore Norwegian Show) 2008 Innovation Award.

Superintegrity complies with the following recommendations:

- API RP 1130 "Computational Pipeline Monitoring For Liquid Pipelines"
- IEC 61511 "Safety Instrumented Systems"
- FM 7-54 "Natural gas and gas piping"

Superintegrity has been fully developed by **SUPEROFFICINA®**, where we adopt a partnership approach, both for a fast track installation using rapid configuration tools and for advanced implementation strategies.

