HiSafe™ ESD/PSD
Emergency/Process Shutdown Systems

Keep going. Keep safe.
HiSafe™ ESD/PSD systems by Origo Solutions are extremely flexible, operating either as standalone systems or integrated into all leading control systems. We offer complete ESD/PSD systems for process safety functions up to SIL 3, in accordance with IEC61508/61511 standards.

The HiSafe™ ESD/PSD is a complete comprehensive integrated safety system, designed to continuously monitor all safety parameters to assure a safe operation of your process.

ESD/PSD is a safety barrier designed to protect your process/installation against safety-related hazards.

The ESD/PSD systems shall, with the highest level of functional and safety integrity, detect discrepancies in the process and bring it to a safe state.

We deliver the following types of ESD/PSD:
- ESD/PSD for terminals/refineries
- ESD/PSD for offshore installations
- ESD/PSD for marine vessels

HIMA safety controllers are the key components in the HiSafe™ ESD/PSD solution.

The HIMA HIQuad/Planar4 are the world’s leading independent safety controllers.

HIMA HIQuad/Planar4:
- SIL 3
- Programmable system (HIQuad)
- Hard-wired system (Planar4)
- Flexible communication interfaces
- Extremely robust
- Scalable redundancy

Main references:
Kollsnes, Kårstø, Mongstad, ESSO Slagen, Easington.