

Oil & Gas

Safe, reliable control for terminals, pipelines and processing plant.



Onshore terminals, pipelines and processing plants handle flammable hydrocarbons under pressure, close to people and the environment. Their control and safety systems must hold the process within safe limits, act correctly when it strays, and give you and the regulator clear proof that major-accident risks are under control.

YOUR PRIORITIES

What matters most

Major-accident prevention

Protection layers you and the regulator can rely on.

Safety instrumented systems

Trips and shutdowns that meet their target SIL.

Alarms operators can act on

Fewer, clearer alarms when it matters most.

Cyber security

Secure control networks without slowing operations.

STANDARDS

Standards we work to

IEC 61511

Safety instrumented systems for the process industry, across the whole safety lifecycle.

COMAH Regulations 2015

Duties on operators of sites holding dangerous substances to prevent and limit major accidents.

DSEAR 2002 and IEC 60079 series

Explosive atmosphere risk assessment and zoning, and the protection concepts for equipment in hazardous areas.

IEC 62443

Cyber security for industrial automation and control systems, for owners, integrators and suppliers.

EEMUA 191 and IEC 62682

Good practice and requirements for designing and managing industrial alarm systems.

Pressure Systems Safety Regulations 2000

Safe design, protective devices, safe operating limits and examination of pressure systems.

HOW WE DELIVER



Systems we engineer

- Tank farm and terminal automation
- Pipeline and pumping station control
- Emergency shutdown, fire and gas systems
- Loading, unloading and metering
- Compression and gas processing
- Alarm management and control room HMIs

Why Matrix

- **Standards first.**
- **You own the system.**
- **Tested before site.**
- **Multi-vendor.**
- **In it for the long term.**

ISO 9001 certified • Cyber Essentials • CHAS • Constructionline • SafeContractor

Talk to us about your project

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