

Fire & Security experts



EXFIRE360
Control
Panels





1989-2016 THE THIRTY-YEAR EXPERIENCE

SV is a manufacturer of Fire & Gas detection and extinguishing systems, which provides services and solutions technologically advanced for the automatic control of fire protection equipment. On the basis of the thirty-year experience in the field of Oil&Gas around the world, the company has become one of the main competitors on both national and international markets. SV Sistemi di Sicurezza provides a continuous update about the evolution of the standards, we send newsletters every month with updates on the fire protection standards, either NFPA or EN 54.

We participate in the most important national and international events, from the Fire Prevention Forum to Hannover Interschutz, one of the most important safety exhibitions.

SV cooperates with worldwide partners, since we are included in the most important Italian and foreign vendor lists; SV is also a manufacturer of modular fire alarm control panels and power supplies, software for the remote and local supervision, and provides commissioning services, workshops and on-site training.

SV organizes training courses on EXFIRE360 control panel and fire and gas initiating devices (including Det-Tronics).

EXFIRE360 control panel is the core business of our company and it is approved according to EN54-2, EN54-4, EN12094-1, EN60079, GOST, EAC, IEC 61508 (pending), UL 864, Lloyd's Register, MED, for applications at high risk of fire. In addition to the design and production we offer a consulting service and operability in the fire protection and prevention.

EXFIRE360 is a made-in-Italy product. The modular architecture of EXFIRE 360 is the result of a long path of research oriented on two aspects of the fire protection:

1. The satisfying of the most strict design and construction standards;
2. The attention to the technological requirements requested in the most complex industrial applications.

EXFIRE360 is particularly suitable for these applications by virtue of the adoption of some fundamental technological solutions, such as the use of the CAN protocol, the internal redundancy of the components, the substitution of the light indicators with touch-screen graphic interfaces, the intelligent functioning of the cards. All of this has introduced some innovations which distinguish EXFIRE360 from the other fire panels: the real-time control of systems with an high number of points, the remote I/O management, the redundancy of the communications, the crossed control of the I/O modules, the automatic addressing, the availability of the spare driver, the advanced diagnostic of the fault conditions, etc.

EXFIRE has been developed entirely in the SV Sistemi di Sicurezza S.r.l. laboratories (which owns the patent for the EXFIRE360 system). The long experience of the company gave birth to a Made in Italy fire panel, innovative, in continuous evolution and competitive with the most advanced fire&gas systems.



ALGERIA - GAS FIELD



PANEL FEATURES

Fire Detection And Alarm

Gas Detection And Alarm

Control Of Fire Extinguishing Systems

Ip55 Double Cabinet With Glass Door

Redundant Power Supply Units (40 + 40 A @ 27.6 V)

Sec. Power Supply (Batteries) In The Panel Cabinet

Two Redundant Control Units

One 10", Coloured Master Display With Touch Screen

Ventilation Unit On The Top Of The Cabinet

32 I/O Cards And 2 Communication Cards

Rtu Modbus Over Serial Interface

17 4.3", Coloured Cards Display With Touch Screen

1 Remote Graphic Repeater

1 Pc Equipped With Enterprise (For Remote Supervision)



FIRE & SECURITY EXPERTS



FIRE & SECURITY EXPERTS

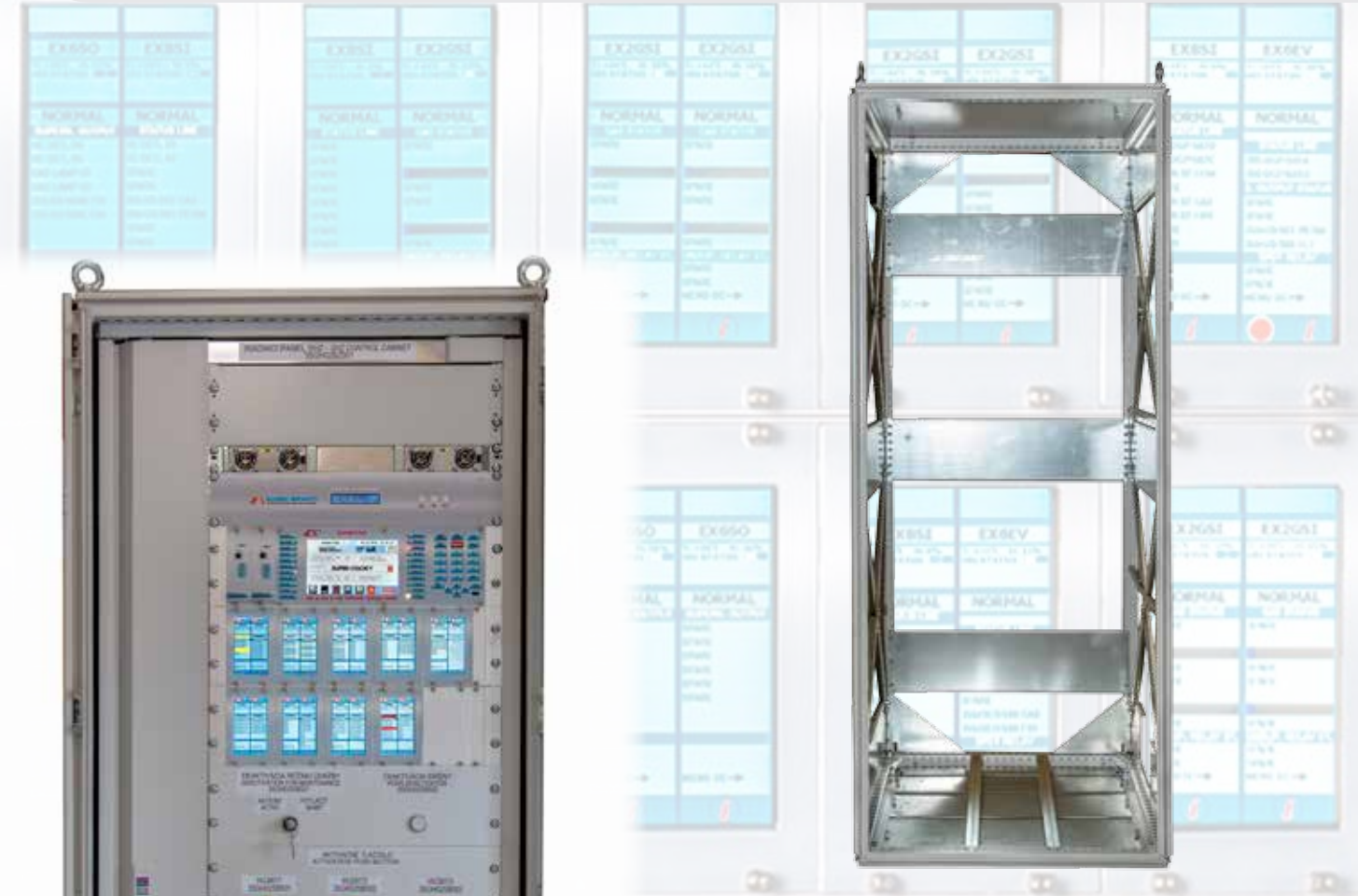
TUNISIA - GAS FIELD



PANEL FEATURES

- Fire Detection And Alarm
- Gas Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Cabinet With Glass Door
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 16 I/O Cards And 3 Communication Cards
- Rtu Modbus Over Serial Interface
- 10 4.3", Coloured Cards Display With Touch Screen
- 1 Pc Equipped With Enterprise (For Remote Supervision)
- Fiber Optic Interfaces

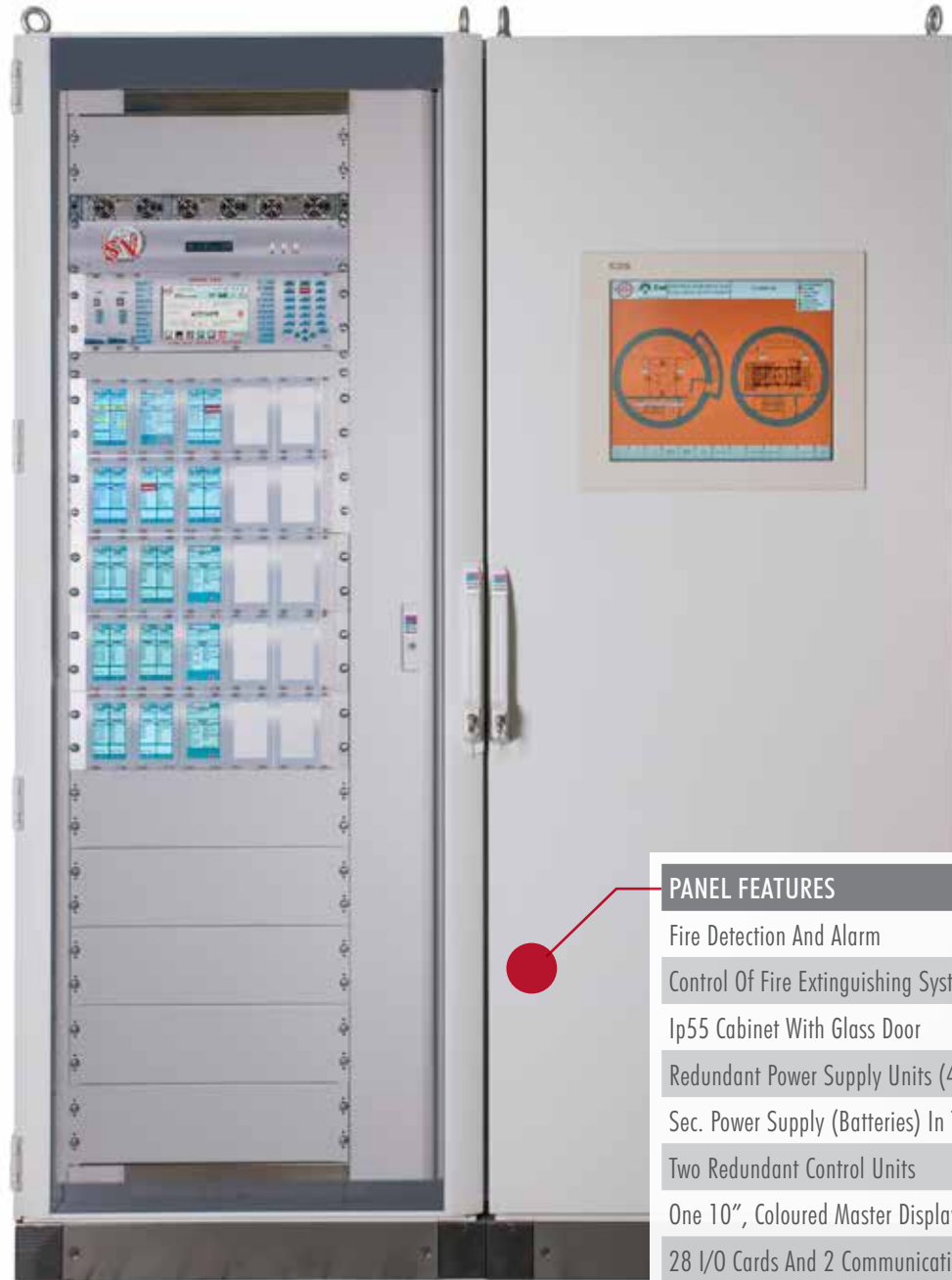
SLOVAKIA - NUCLEAR POWER PLANT



PANEL FEATURES

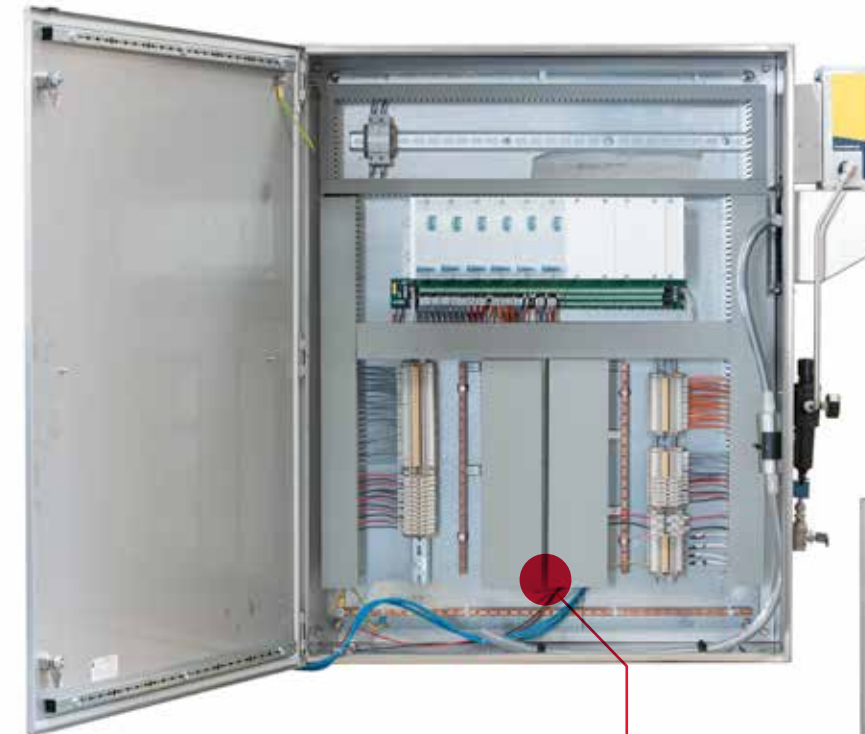
- Fire Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Cabinet With Glass Door
- Seismic Frame
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 18 I/O Cards
- 9 4.3", Coloured Cards Display With Touch Screen
- Synoptic Panel
- Automatic Transfer Switch For Redundant Power Supply

ITALY - COAL PRODUCTION



PANEL FEATURES

- Fire Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Cabinet With Glass Door
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 28 I/O Cards And 2 Communication Cards
- 15 4.3", Coloured Cards Display With Touch Screen
- Rtu Modbus/Profibus Over Serial Interface
- 1 Industrial Pc Installed On The Cabinet And Equipped With Enterprise (For Remote Supervision)



PANEL FEATURES

- Remote Rack For I/O Cards (Canbus)
- Ip55, Stainless Steel, Atex Certified Cabinet
- Fire Detection And Alarm
- Control Of Fire Extinguishing Systems
- 6 I/O Cards And 2 Communication Cards
- Cards Display Installed In Safe Zone On Control Panel (Rs485)



RUSSIA - GAS TURBINE



PANEL FEATURES

- Fire Detection And Alarm
- Gas Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Double Cabinet With Glass Door
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 48 I/O Cards And 2 Communication Cards
- Rtu Modbus Over Serial Interface
- 25 4.3", Coloured Cards Display With Touch Screen
- Synoptic Panel
- Automatic Transfer Switch For Redundant Power Supply

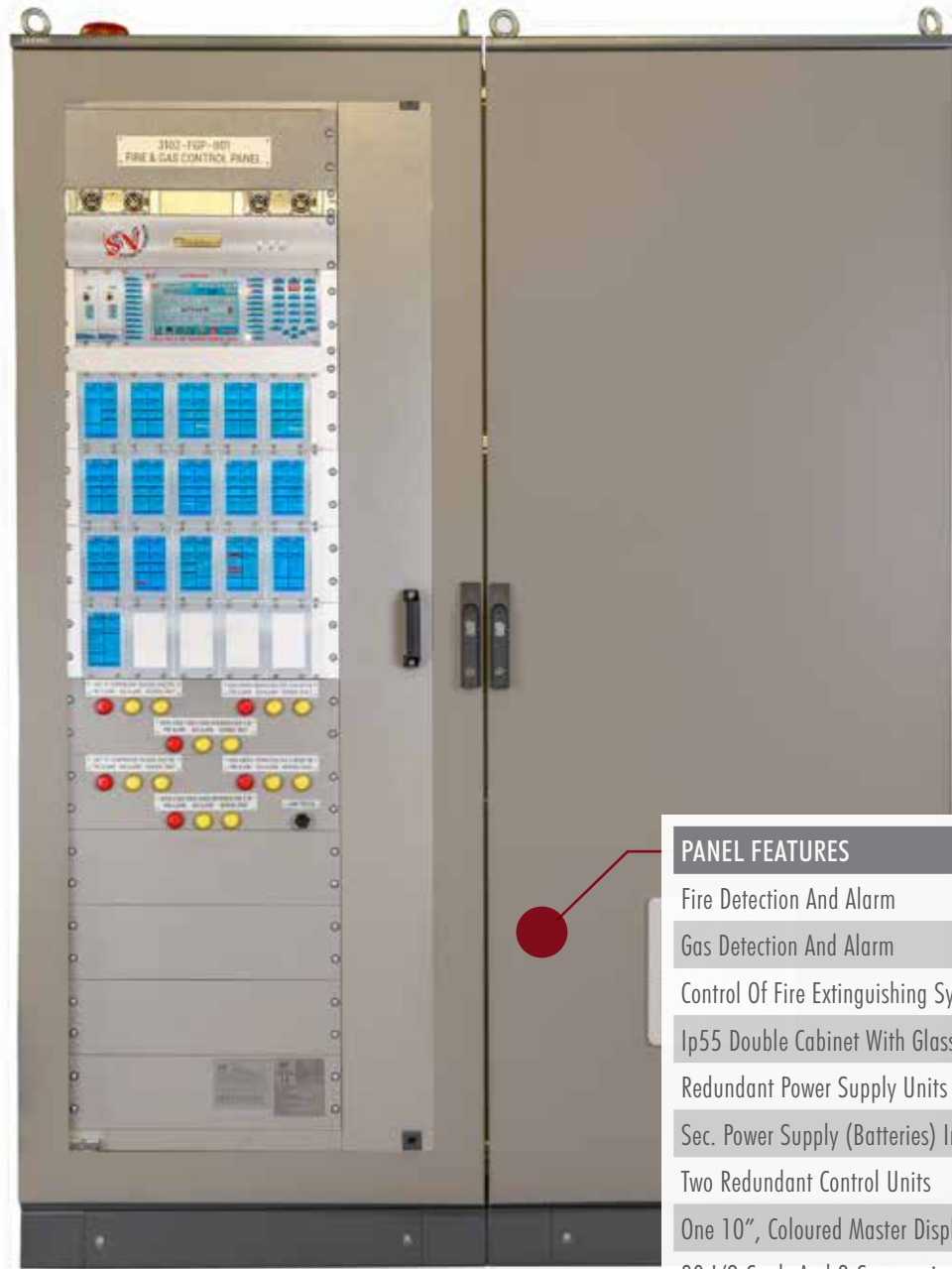
NIGERIA - OIL & GAS FIELD



PANEL FEATURES

- Fire Detection And Alarm
- Gas Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Double Cabinet With Glass Door
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 40 I/O Cards And 2 Communication Cards
- Rtu Modbus Over Serial Interface
- 17 4.3", Coloured Cards Display With Touch Screen

IRAQ - OIL & GAS FIELD



PANEL FEATURES

- Fire Detection And Alarm
- Gas Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Double Cabinet With Glass Door
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 30 I/O Cards And 2 Communication Cards
- Rtu Modbus Over Serial Interface
- 16 4.3", Coloured Cards Display With Touch Screen
- Synoptic Panel



PANEL FEATURES

- Fire Detection And Alarm
- Gas Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Double Cabinet With Glass Door
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 22 I/O Cards And 2 Communication Cards
- Rtu Modbus Over Serial Interface
- 12 4.3", Coloured Cards Display With Touch Screen
- Synoptic Panel

ITALY - GAS STORAGE



PANEL FEATURES

- Fire Detection And Alarm
- Gas Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Double Cabinet With Glass Door, Blue Coloured
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 22 I/O Cardss
- 11 4.3", Coloured Cards Display With Touch Screen
- Ventilation Unit On The Top Of The Cabinet And Air Filter In The Cabinet Plinth

IRAQ - OIL & GAS FIELD



PANEL FEATURES

- Fire Detection And Alarm
- Gas Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Double Cabinet With Glass Door
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 20 I/O Cards And 2 Communication Cards
- Rtu Modbus Over Serial Interface
- 12 4.3", Coloured Cards Display With Touch Screen
- Ventilation Unit On The Top Of The Cabinet
- Synoptic Panel

IRAQ - OIL FIELD



PANEL FEATURES

- Fire Detection And Alarm
- Gas Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Triple Cabinet With Glass Door
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 30 I/O Cards And 2 Communication Cards
- Rtu Modbus Over Serial Interface
- 12 4.3", Coloured Cards Display With Touch Screen
- Ventilation Units On The Front Doors
- 2 Pc Equipped With Enterprise (For Remote Supervision)
- Fiber Optic Interfaces

TURCHIA - GAS TURBINE



PANEL FEATURES

- Fire Detection And Alarm
- Gas Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Double Cabinets With Glass Door
- Redundant Power Supply Units (40 + 40 A @ 27.6 V)
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 48 I/O Cards And 2 Communication Cards
- Rtu Modbus Over Serial Interface
- 25 4.3", Coloured Cards Display With Touch Screen
- Synoptic Panel

CONGO - GAS FIELD



PANEL FEATURES

- Fire Detection And Alarm
- Gas Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Cabinet With Glass Door
- 20 A Power Supply Unit
- Sec. Power Supply (Batteries) In The Panel Cabinet
- 4 I/O Cards
- 2 4.3", Coloured Cards Display With Touch Screen

ITALY - STEELWORKS



PANEL FEATURES

- Fire Detection And Alarm
- Control Of Fire Extinguishing Systems
- Ip55 Cabinet With Glass Door
- 20 A Power Supply Unit
- Sec. Power Supply (Batteries) In The Panel Cabinet
- Two Redundant Control Units
- One 10", Coloured Master Display With Touch Screen
- 8 I/O Cards
- 4 4.3", Coloured Cards Display With Touch Screen

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