



Emergency Response & Control

Overview

Proeon Systems Ltd. embodies over 25 years experience in the design and implementation of complex high criticality control systems for a variety of industries.

Proeon Systems has developed Emergency Response & Control solutions for the management of serious incidents on petrochemical or offshore installations. These systems are designed to be as unobtrusive as possible when not required yet provide sophisticated data acquisition and disaster management when the time comes.

Our extensive experience with some of the major international Oil and Gas companies provides the company with an understanding of the industry enabling us to implement control systems of the highest quality.

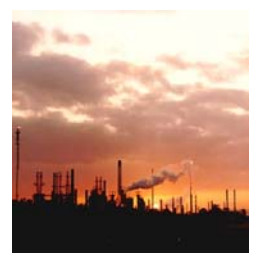
Solutions

Our Emergency Response facilities include the provision of an Emergency Control Centre (ECC) that can double as a modern conference room. Beneath the polished exterior of the conference room desk lies sophisticated computer and communications systems to acquire data from the site and to guide the incident management staff to make the correct decisions.

The ECC is normally placed outside any potential incident zone and provides a safe place where key personnel can gather to manage an emergency situation. The personnel in the ECC during an incident would have priority access to emergency support services including local government, police and hospitals. The personnel come from a number of diverse disciplines including logistics, engineering, medical & safety. The response team act together under the control of a senior manager to execute the emergency response plans and to react to any changes or escalation.

Key Points..

- Provides pre-planning and training for Emergencies
- Central mobilisation of Emergency Response organisations
- Procedures for handling emergencies
- Integrated Emergency communication systems
- Recording facilities for Emergency Response events
- Post incident analysis and the publication of any lessons learned



Innovatively Engineered Solutions

Proeon Systems Ltd.

ECC desk

The ECC desk concept combines IT technology with the a modern Conference Room facility when not in use. At the centre of the concept is a bespoke design ECC desk using PCs and monitors cleverly integrated into the core of the desk.

ECC hardware

Additional to the custom ECC/conference room desk is other ancillary equipment mounted either in a 19" rack under desk or remotely within the room. This equipment typically includes:

- Multi-channel Audio/Video switch
- Composite to RGB video amplifiers
- Power distribution system for ECC and non ECC equipment
- PABX patch panel and structured cabling
- LAN patch panel and structured cabling
- PC workstations
- Individual telephone handsets
- Room lighting controllers
- Overhead projectors, Electronic whiteboards and collaboration tools
- Video conferencing facilities
- Recording systems for voice, PABX and radio
- FAX and printing facilities

Communications

Communications in an emergency is vital and the ECC room provides communications links to the plant and to the Emergency Services. These links would typically include LAN, Video conference as well as Radio and telephone services.

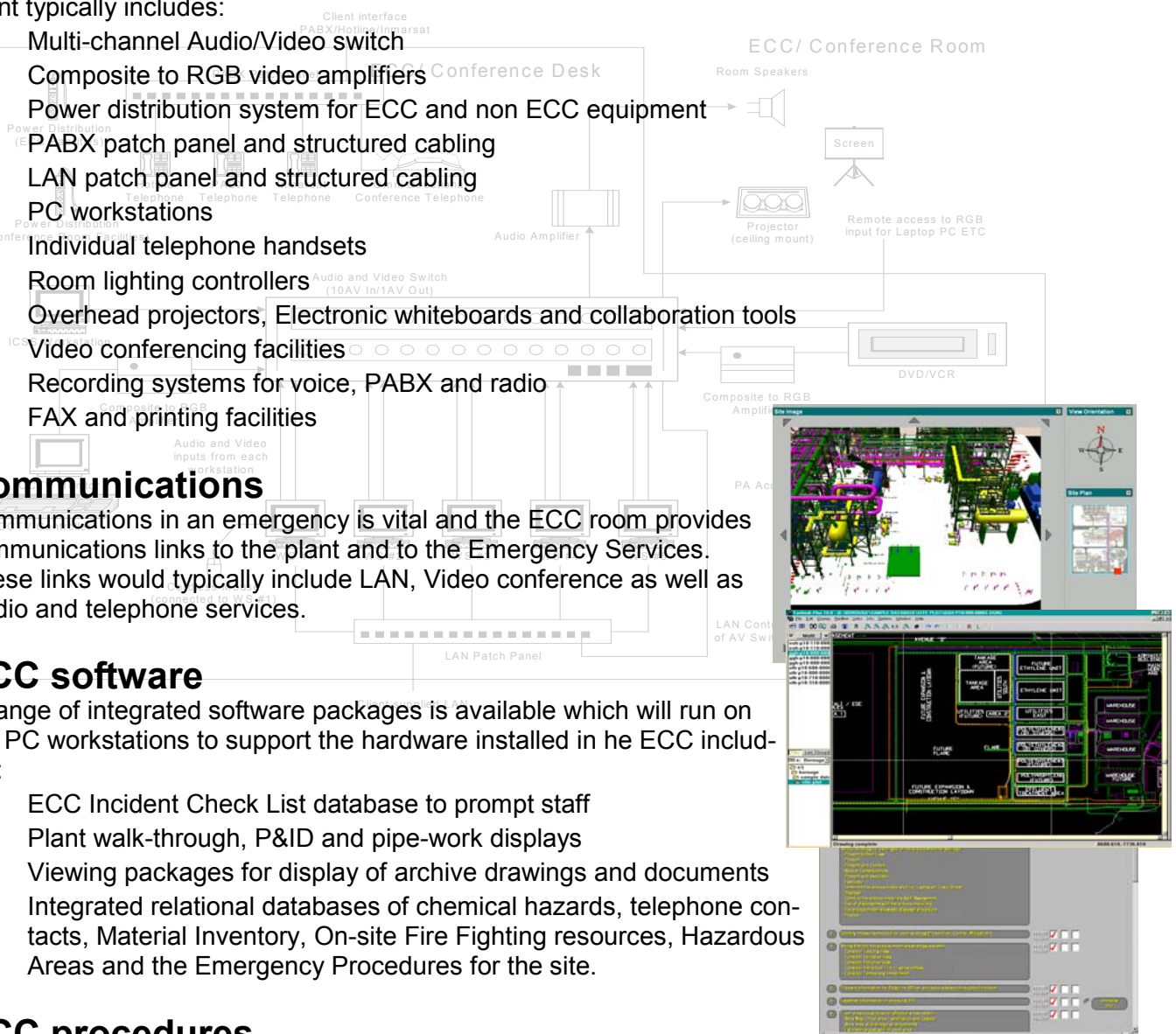
ECC software

A range of integrated software packages is available which will run on the PC workstations to support the hardware installed in he ECC including:

- ECC Incident Check List database to prompt staff
- Plant walk-through, P&ID and pipe-work displays
- Viewing packages for display of archive drawings and documents
- Integrated relational databases of chemical hazards, telephone contacts, Material Inventory, On-site Fire Fighting resources, Hazardous Areas and the Emergency Procedures for the site.

ECC procedures

Proeon Systems can assist with the generation of site wide procedures to be incorporated within the ECC systems.



Proeon Systems Ltd.

Cavell House — Stannard Place — St. Crispins Road — Norwich — NR3 1YE — Norfolk — UK