GLOBAL FIRE EQUIPMENT

DRIVEN BY INNOVATION

Your complete fire alarm systems manufacturer

Global Fire Equipment SA
www.globalfire-equipment.com

INTRODUCING GFE

Founded in 1994 by João Paulo Ajami, Global Fire Equipment (GFE) is a European-based complete fire safety system manufacturer with **EN 54–13:2017+A1:2019 system compatibility approval.**

Based in the Algarve region of Portugal, GFE has a long-standing reputation for high quality, competitively priced, fully certified fire safety systems which are well designed, quick and easy to install and require minimal maintenance. Our world-class customer service and support set us apart from our competitors.

GSS GROUP

GLOBAL FIRE EQUIPMENT

GFE is part of the Global Safety Systems Group which comprises three operating companies: Global Fire Equipment, GFE TEC and CREATECH Lighting.

GFE TEC DEVELOPMENT

GFE TEC develops cutting-edge fire detection and emergency lighting solutions to meet the needs of the group's global customer base. GFE TEC also develops technical solutions to help resolve any challenges our customers face.

CREATECH LIGHTING

CREATECH Lighting designs and manufactures cost-competitive emergency lighting products and solutions.

A TRULY GLOBAL PLAYER

Thanks to our partners and distributors we have a global support network in more than 90 countries worldwide.

Our equipment is installed in a host of buildings and prestigious premises, from universities and hospitals to shopping malls and hotels. Our industry-leading fire detection and alarm solutions are helping to protect lives and properties across a vast range of environments and applications.

Details of some of the many projects we've been involved in can be found in the reference pages on our website.

For details of our worldwide distributor network, please see our website ***www.globalfire-equipment.com***

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SYSTEMS OVERVIEW

GFE provides fire safety systems to satisfy every requirement – from simple single loop applications through to far more complex multibuilding properties.

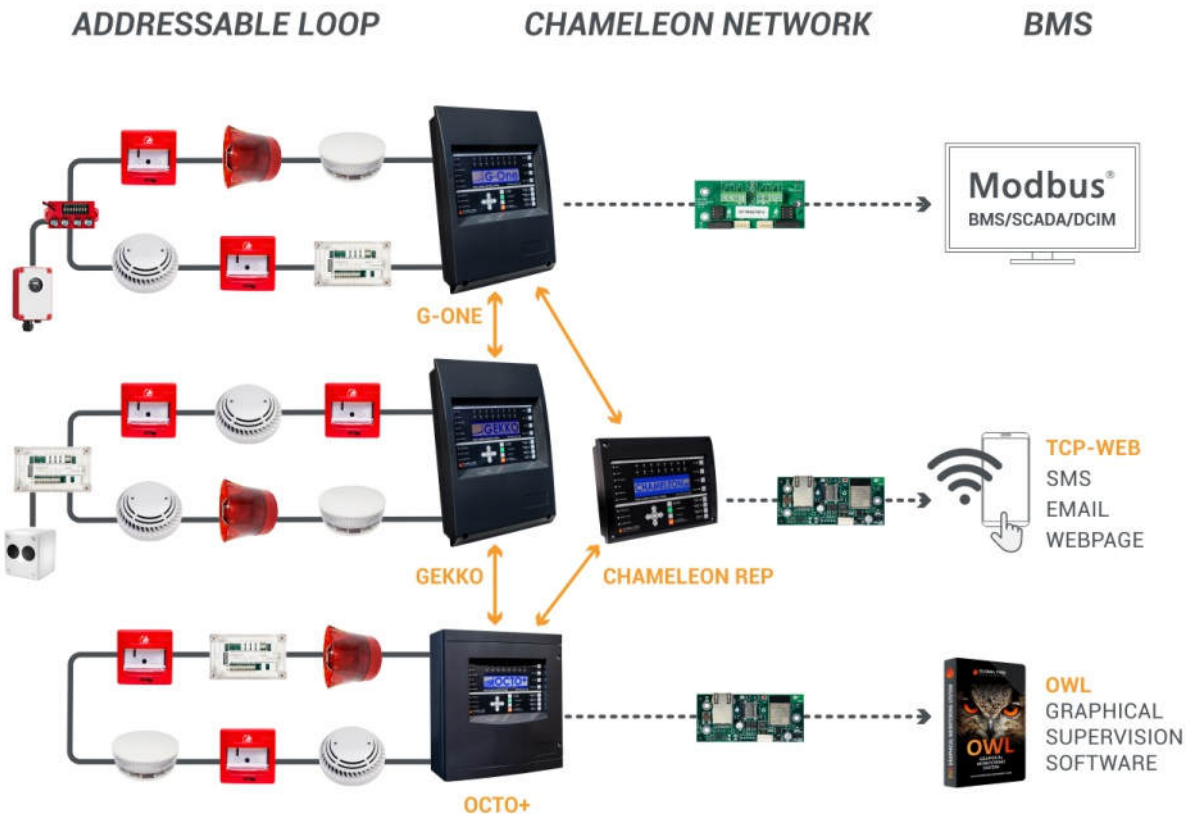
Our systems are designed with flexibility and intelligence in mind, and our advanced CHAMELEON Network ensures our systems can cope with whatever complex challenges modern building designs and structures present.

CHAMELEON, coupled with our extensive range of communication interfaces, allows a maximum of 32 control panels to be networked with up to 128 loops and a maximum system capacity of 16,000 individually addressed devices.

Our systems can be easily integrated with third-party Building Management Systems or use our own graphical software packages.

Our driving principle is that GFE systems should be as cost-effective as possible, with uniform menu structures for ease of commissioning, installation, programming and operation.

GFE offers up to four integration levels, with bidirectional independent control, from the simplest conventional system to far more complex multiple addressable systems - all fully controlled from remote locations.



FIRE CONTROL PANELS

ADDRESSABLE

Introducing our CHAMELEON Network range of addressable control panels.

G-ONE

Single loop EN 54 fire control panel with advanced connectivity.

GEKKO

Expandable from 1 to 4 loops.

OCTO+

Expandable from 1 to 4 loops.

CHAMELEON NETWORK REPEATER

Unobtrusive repeater panel for entire system.

Common key features:

- ✓ Fully Construction Products Regulation (CPR) certified to EN 54-2, EN 54-4 and EN 54-13:2017+A1:2019
- ✓ Extremely low energy consumption
- ✓ High-definition graphical LCD display
- ✓ Dynamic Auto-Learn
- ✓ Advanced Peer-to-Peer (P2P) multi-master networking
- ✓ 900mA capacity per loop
- ✓ Digital communications protocol
- ✓ Multi-path networking typology
- ✓ Platform independent – suitable for use with RS422, Fibre Optics and TCP/IP
- ✓ Global event log with shared cause and effect programming held in each control panel
- ✓ Multiple communication platforms for remote connectivity

CONVENTIONAL

Introducing our ORION and ORION+ ranges of conventional control panels.

ORION

- ✓ Three models with 2, 4 and 8 zones of detection
- ✓ All in a stylish modern ABS housing
- ✓ Ideal conventional control panel for smaller installations
- ✓ Mini ABS housing version also available

ORION+

- ✓ Expandable conventional control panels
- ✓ Aesthetically pleasing
- ✓ Functional cabinet design for larger projects
- ✓ Easily expanded from 8 to 16 zones by installing additional four-zone modules

Further details and technical specifications for all our products are available on our website at ***www.globalfire-equipment.com***

DEVICES

ZEOS DETECTORS

- ✓ Available in either addressable or conventional format
- ✓ Addressable available in optical, heat and combined smoke/heat detector versions
- ✓ Conventional available in smoke, heat and combined smoke/heat detector versions
- ✓ Both addressable and conventional are certified to EN 54-2, EN 54-4 and EN 54-13:2017+A1:2019

SOUNDERS

VULCAN 2

- ✓ Available as addressable or conventional sounder, beacon or combined sounder/beacon
- ✓ 15 different variations ensure flexibility
- ✓ Connect up to 96 devices to a single loop
- ✓ Can be configured as a shadow sounder/beacon or auxiliary sounder/beacon

VALKYRIE

- ✓ Wall-mounted addressable and conventional sounder/beacon
- ✓ Available for indoor and outdoor use
- ✓ Low power consumption
- ✓ Connect up to 32 individually addressed sounders to a single loop
- ✓ Can be configured as a shadow sounder

VULCAN 2 VOX and VALKYRIE VOX

- ✓ Available as addressable or conventional
- ✓ Based on our successful horn-type sounder and sounder/beacon
- ✓ Broadcast up to five different pre-loaded messages

MANUAL CALL POINTS

Our addressable and conventional Manual Call Points (MCPs) feature a cover and a resettable element. Both addressable and conventional models incorporate an LED status indicator. All our MCP are all available for indoor and outdoor use.

SOFTWARE

Our configuration software allows control and observation of an installed system, including the location of a suspected alarm or fault.

- ✓ Graphics Display and Alarm Management System software
- ✓ Enables the connection of up to 64 fire alarm panels to a PC
- ✓ Each panel can be fully controlled from the computer
- ✓ In the event of an Alarm or Fault, the location is displayed on the computer screen

CHAMELEON CONNECTOR

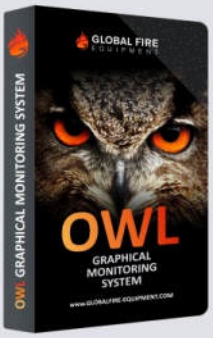
- ✓ Enables the programming of our CHAMELEON Network range of panels, including G-ONE, OCTO+, GEKKO and CHAMELEON NETWORK REPEATER

LOOP & BATTERY CALCULATOR and CHAMELEON LOOP & BATTERY CALCULATOR

- ✓ Calculates battery requirements according to standby and alarm backup time
- ✓ Determines whether the cable length and diameter are suitable for the loop that is being designed

VOX LOADER

- ✓ Enables the configuration and download of voice messages to the VOX range of signalling devices via a seamless USB connection
- ✓ Automatically detects whether the connected device is addressable or conventional



OWL

GRAPHICAL MONITORING

Advanced monitoring and control software that allows the management of the CHAMELEON fire alarm control panels through a computer in a simple and very intuitive way. It is a cost-effective solution for all types of installation, and is suitable for use with single panel to multi-panel and multi-site applications.

- ✓ Up to 64 control panels and up to 16,000 devices can be connected
- ✓ Simple synchronisation of panel configuration and graphic database
- ✓ Global event log and notification via Email and SMS
- ✓ User-friendly configuration

ACCREDITATION

GFE products and systems are manufactured in Europe and are certified to European standards, giving our customers the added peace of mind that they are purchasing best-in-class products.

We have EN 54-13:2017+A1:2019 system compatibility approval which means we can now guarantee our global customers 100% compatibility and connectivity across all GFE systems.

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