GLOBAL FIRE
EQUIPMENT

कृतु
NERGY

DRIVEN
BY INNOVATION

Your complete
fire alarm systems
manufacturer

Global Fire Equipment SA
www.globalfire-equipment.com

OUR OVERALL BUSINESS
"Adequate, Appropriate & Affordable Solutions"

ABOUT US

Kratu Energy helps businesses in:

- Assessing their components of energy costs & guide in reducing their energy cost

- Providing Conventional & Addressable Fire Alarm systems that are EN54 certified / compliant & networkable in addition to being remote monitoring ready

OUR PRODUCTS & SERVICES

- Industrial, Commercial & Speciality LED Lighting

- Solar Thermal & PV products

- Energy Audit services & products

- Conventional & Addressable EN54 Certified / compliant networkable Fire Alarm Systems

OUR FEATURES

- Least Life cycle cost approach

- Standard / tailor made solutions

- Our customized solutions will always be much ahead of the market

OUR CLIENTS

- Indian Oil
- Evonik Catalysts
- Zydus Takeda
- Nivea
- IUCCA, India
- Nanded City
- Magarpatta
- Amanora

OUR FIRE BUSINESS
"Cut Fire Risk, Avoid losses, Protect profit"

We manufacture Conventional / Addressable Fire Alarm systems that are of European origin, networkable & EN54 Certified / Compliant

OUR PRODUCTS & SERVICES

✔ Our panels come with Multiprotocol & can connect with Apollo, Wizmart, Zicom, Intellifire apart from our own detectors / sounders etc.

✔ Our Addressable panels can provide125 addresses & 250 devices

✔ Our Conventional panels can connect with our Addressable panels

✔ Our Addressable panels can provide a remote monitoring facility

✔ We provide special cost-saving solutions to our real estate clients engaged in constructing high rise towers

OUR FEATURES

✔ EN54 certified / compliant Conventional panels up to 32 zones

✔ EN54 approved Addressable & Conventional panels and devices

✔ Graphics present.

✔ TCP-IP / MODBUS / Fibre Optic connectivity for BMS / SCADA

OUR SPECIAL PRODUCTS

Mixed connectors that can help you in cutting down your cable cost

WE WOULD LOVE TO INTERACT WITH

EHS heads of organisations (Hotels, Hospitals, Chemicals & Pharmaceuticals)

Fire System Consultants / Specialists / Integrators / Contractors

Fire officers in local Fire Brigades / Municipal Corporations etc.

Industrial architects / PMC / MEP / Electrical consultants

SOME OF OUR CLIENTS

✔ IUCAA, India
✔ Finolex Plasson
✔ Jindal Steel
✔ Cheyyar SEZ
✔ Alok Industries
✔ HDFC
✔ Nissan Motors
✔ Persistent Systems
✔ Indialand Infrastructure

GLOBAL FIRE
E Q U I P M E N T

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
E Q U I P M E N T

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.
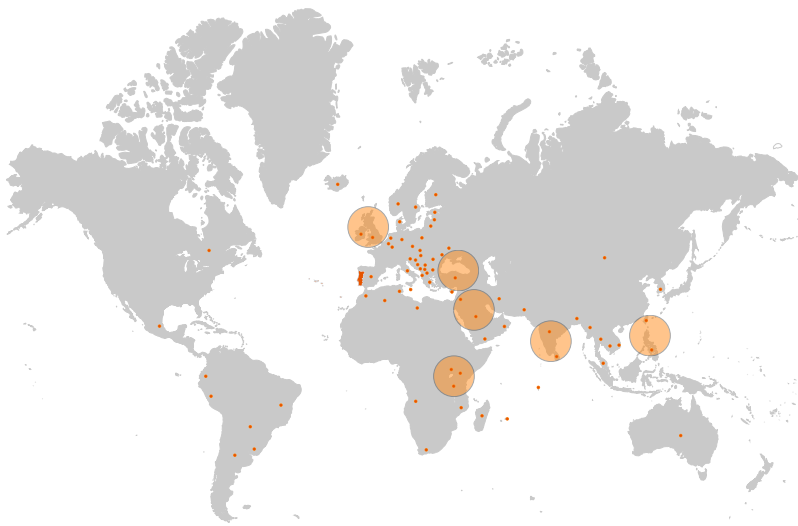
CREATECH
L I G H T I N G

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

GLOBAL FIRE
EQUIPMENT

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.

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For details of our worldwide distributor network, please see our website
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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.
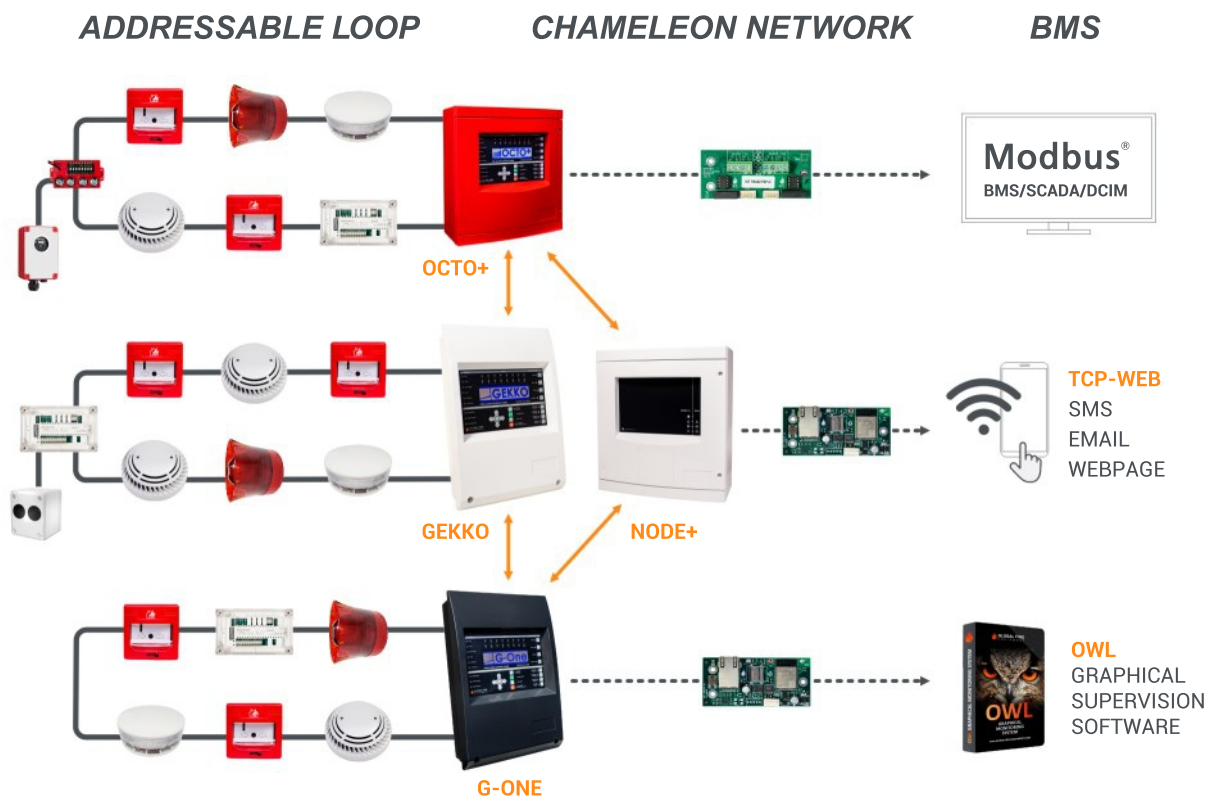
Our systems are designed with flexibility and intelligence in mind, and our advanced CHAMELEON Network ensures our systems can cope with whatever complex challenges modern building designs and structures present.

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.

ADDRESSABLE LOOP	CHAMELEON NETWORK	BMS

OCTO+

Modbus®
BMS/SCADA/DCIM

GEKKO **NODE+**

TCP-WEB
SMS
EMAIL
WEBPAGE

G-ONE

OWL
GRAPHICAL
SUPERVISION
SOFTWARE

GLOBAL FIRE
EQUIPMENT

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 12 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
✓ Heat & Multi detectors come with inbuilt high temperature setting

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.

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/beaon

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

OUR SPECIAL PRODUCTS

BEAM DETECTOR

- ✓ Industrial Grade IP65 weather proof protection
- ✓ Auto aligning type
- ✓ Measuring range upto 160 Mtr
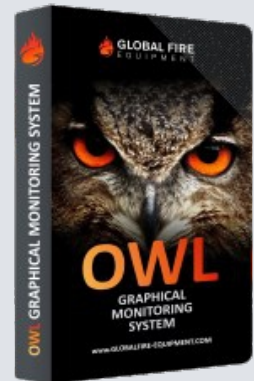- ✓ Bluetooth enabled for programming

FLAME DETECTOR

- ✓ EN 54, FM certified
- ✓ ATEX Hazardous area certified
- ✓ UV, UV-IR and IR3 versions
- ✓ Non corrosive housing

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

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.

TESTIMONIALS

Finolex PLASSON
Industries Private Limited
Every Drop Counts®

To whom so ever it refers to

Subject: Installation & commissioning of Fire Alarm system of Make "Global Fire Equipment".

We are pleased to confirm that, we have been using Global Fire Equipment make addressable fire alarm system from Nov 2021 & we are satisfied with the performance of system & service. The system is successfully installed & commissioned by "Ultra fire Tech Systems Pvt Ltd".

We have been using standalone 1 no's of Gekko panel with 4 no's of loops & 400+ no's devices in our Finolex Plasson Urse, Maval plant.

Persistent

To Whomsoever it may concern

- We are using Fire Alarm systems by M/s Global Fire Equipment (GFE) for the last several years (15 years at Hinjewadi & more than 12 years at Blue Ridge).   To date, the panels & detectors are working satisfactorily, 24x7.

- Our Persistent Systems Limited, Hinjewadi facility has (3x4 loops), Blue Ridge has (2 x 4 loops), and PSL Nagpur sites (2x4 loops) use Juno Net panels & 1950+ devices.

- All these panels are monitored & controlled through GFE graphical software Odyssey.

- Recently, we attended a demonstration of the latest GFE products on

NISSAN
GROUP OF INDIA

To Whom so ever it refers to HY-FY TECHNOLOGY

Subject: Global Fire Equipment.

We are pleased to confirm that we have been using Global Fire Equipment make Addressable Fire Alarm System from last 5 years and we are satisfied with the performance of system & Services. We have been using 5 No's of 3 loop Junonet addressable fire alarm panels with 1450 addressable devices in our office.

We are also pleased to confirm that system is fully operational, user friendly and expandable.

We are happy to recommend Global Fire Equipment to our HY-FY Vendor.

INDIA LAND INFRASTRUCTURE
DEVELOPMENT PRIVATE LIMITED

Date: 02 Jan 2023

To Whom so ever it refers to

Subject: Installation & commissioning of Addressable Fire Alarm system of Make "Global Fire Equipment".

We are pleased to confirm that, we have been using "Global Fire Equipment" make addressable fire alarm system from 02 Jan 2023 & we are satisfied with the performance of system & service. The system is successfully installed & commissioned by "J M Services".

Here for you.

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LED Lights &	Behind Mother's Bakery,
Solar Products	Malad (West), Mumbai 400064

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क्रत्
∷NERGY
Fit it...Lit it...Forget it

GSS GROUP