FIRE SAFETY
MADE SIMPLE

- ✓ SIMPLE to set up
- ✓ SIMPLE to operate
- ✓ SIMPLE to maintain

DEFENDER

POLARIS

Fire Point

First Aid
Call Point

FIRST AID
Press button for assistance

FIRE NOTICE
ON DISCOVERING FIRE
1 Sound Fire Alarm
2 Call Fire Brigade
3 Attack Fire

A
B
C

Point
Number:

Floor
Level:

Zone:

AFFF FOAM

DO NOT

WELCOME

When it comes to wireless alert systems and fire safety solutions, you can't afford to compromise. You need a complete choice of products at competitive prices, with quality you can trust and speedy delivery you can rely on. At the same time, you want to know you're being properly looked after, by people as dedicated to fire safety as you are.

We are Defender, part of the Enfield Safety family and we have spent over 49 years delivering safety expertise and innovation to our clients. No one works harder to bring you innovative fire safety products and services at the right price, on time, every time.

For help, advice and to place orders, contact our team on **0333 003 5710** or email **sales@defender-systems.com**

Carbon
Neutral
Organisation

Helping you reach
Net Zero

Thanks to our Carbon Neutral Plus accreditation and sustainability commitment, our products and training are aligned with international best practices and standards, supporting your CSR programme and helping you in your journey to Carbon Neutral.

ABOUT US

OUR ACCREDITATIONS

HIGH STANDARDS THAT BENEFIT YOU

We hold ourselves accountable through external third party audited accreditations covering our product and services. In all that we do we strive for continuous improvement in every area of our organisation to make tomorrow a safer day for all our customers.

CONTENTS

Every effort has been made to ensure that the information in this catalogue is correct. However, we reserve the right to introduce changes without prior notice. E&OE.

DEFENDER®

FIRE EQUIPMENT MANAGEMENT SERVICE
THE SYSTEM

Install & Maintain

FREE Storage*

Refurb & Service

Collect & Store

REDUCE WASTE + REDUCE COSTS

INSTALL & MAINTAIN
Our qualified engineers will go to site and install and commission the fire equipment. For the duration of the project we will proactively monitor, maintain and service the equipment to ensure your compliance.

COLLECT & STORE
At the end of the project or particular phase we will remove all excess equipment from site. All items are carefully logged and brought back to our National Distribution Centre for assessment and secure storage.

REFURB & SERVICE
Our in house engineers will carry out a rigorous inspection of all equipment and provide a detailed report on any items that need refurbishment. Once approved these items are refurbished and put into storage ready to be called out to your next site.

FREE Storage There is no charge for the first 6 months of an item being stored. If you need longer term storage for a particular item prices are available on request.

CUSTOMER FEEDBACK

Excellent way to save time, money and helps towards our sustainability goals.
*Health and Safety Manager, Main Contractor, London*

Great system - it's saved us thousands of pounds every year.
Procurement Manager, Site Logistics, Bristol

Thank you for introducing FEMS to us - we've never kept so much equipment in circulation as in the past 6 months. Good for the environment and very kind on the pocket.
Contracts Manager, Major Housebuilder, Cambridge

THE PROCESS

10 STEPS TO SUSTAINABLE FIRE EQUIPMENT MANAGEMENT

1. New Enquiry
2. Site Survey
3. Products Specified
4. Quotation
5. Order
6. Install & Commission
7. In-use Servicing
8. Project Completion
9. Site Clearance to Storage
10. Refurbish & Service
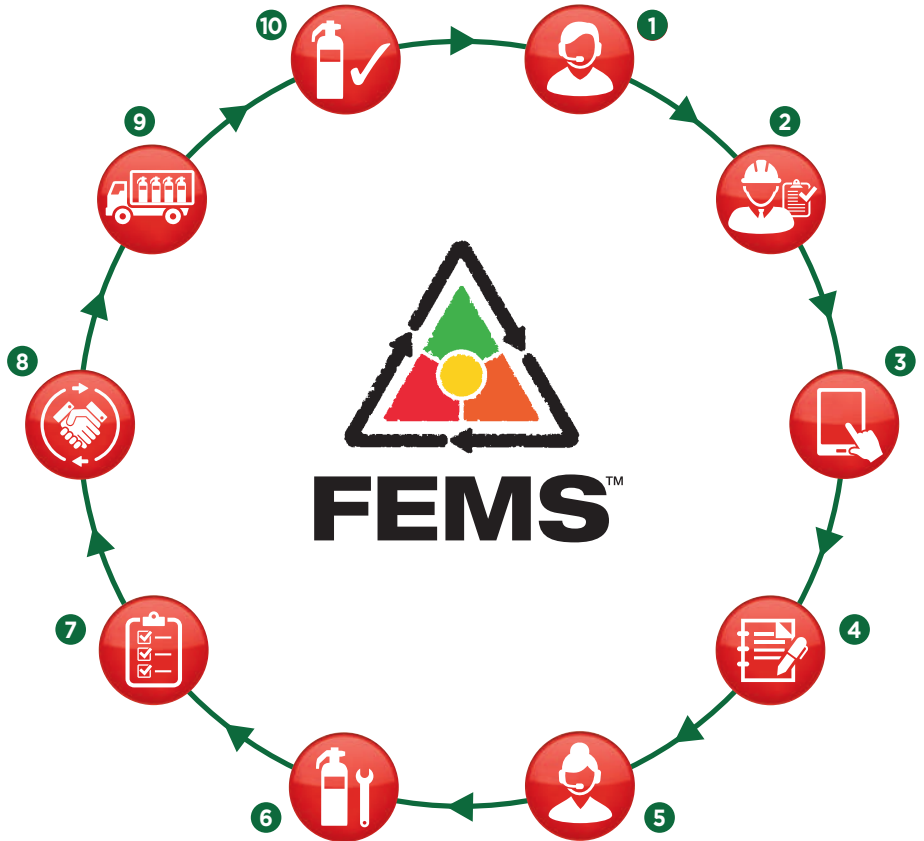
FEMS™

SIMPLE TRANSPARENT PRICING

PROJECT SCOPE	
Site Survey	Free of charge

SITE SET UP	
FEMS Delivery Fee	Fixed Fee
Call Out/Set Up Charge (wireless alarms only)	Fixed Fee
Handling Fee Per Item	Fixed Fee
All-in Service Per Item	Fixed Fee

SITE CLEARANCE	
FEMS Collection Fee	Fixed Fee
Handling Charge Per Item	Fixed Fee

DISPOSAL	
Environmental Disposal Per Item (as required)	Fixed Fee

STORAGE*	
Storage Per Item	Free for 6 months Fee per item thereafter

*Free storage for 6 months. Cost per item thereafter.

NATIONWIDE COVERAGE

Our nationwide network of engineers are fully trained to survey, install, maintain and service our full fire equipment range.

Carbon Neutral+ Organisation

Now Delivering Carbon Neutral+

Enfield
I'VE BEEN RECYCLED
Safety. Delivered.
Carbon Neutral+

DEFENDER®

EXTINGUISHERS

A comprehensive range of fire extinguishers for industrial fire safety applications.

Our range of industrial fire extinguishers cover off all applications and fire hazards to keep sites safe. Along with the standard extinguishers we have a range of specialist units for particular applications.

WATER FIRE
Available in 9 litre.

DRY POWDER FIRE
Available in 1kg, 2kg, 6kg and 9kg.

FOAM FIRE
Available in 6 litre and 9 litre.

CO₂
Available in 2kg and 5kg.

WATER MIST FIRE
Available in 6 litre.

LITH-EX
Available in 3 litre, 6 litre and 9 litre.
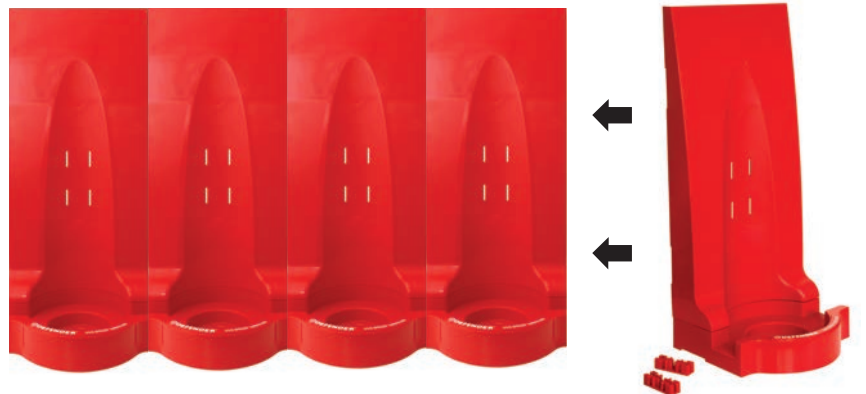
P50 ABC40 POWDER
Available in 6kg.

P50 BSX ASX FOAM
Available in 6 litre.

MODULAR FLAT PACK
FIRE EXTINGUISHER STAND

Our innovative modular fire stand allows for limitless number of extinguishers. It's unique two part flat-pack design manufactured in shatterproof polypropylene is suitable for all extinguishers.

POLARIS
THE SYSTEM

The new Defender Polaris fire and first aid alert system brings together years of development and constant client collaboration to deliver an industry leading, fully wireless 250 device solution to the wide range of industries we are privileged to serve.

FIRE SAFETY MADE SIMPLE

Simple to set up, simple to operate and simple to maintain whilst offering a superior connectivity and extended battery life.

We've worked extensively with key user groups to understand their frustrations with incumbent systems to mitigate and improve through technical expertise and cutting edge innovation.

Our 100% recycled casing brings another industry first to the market to support and advance our clients commitment and goals for achieving net zero.

The Defender Asset Management Portal allows users full visibility on every module of their systems, reporting on connectivity and battery levels allowing pre-emptive action to ensure your system is kept 100% functional to give you complete fire cover and ultimately peace of mind.

BASE STATION

Our base station is the hub of the whole 250 device system monitoring and maintaining all devices on site and providing updates and feedback on the whole system.

FIRE CALL POINT

Our fire call point is the module that allows an alarm to be raised from various points across site to set off a site wide alarm in event of a fire and warn personnel of the danger by triggering the required evacuation.

FIRE & FIRST AID CALL POINT

Our fire and first aid call point is the module that allows an alarm to be raised to trigger a site wide fire alarm. This module also has a medical alert button to raise the alarm and notify first aiders in event of a medical emergency without activating all devices across the site.

SMOKE & HEAT DETECTOR

Our automatic smoke and heat detectors are two separate modules designed to detect smoke or heat and initiate a site wide alarm. Heat detectors are a better solution for dusty areas as smoke detectors can trigger from dust. For indoor use only.

FIREFLY TECHNOLOGY

Our unique FIREFLY photoluminescent material on the front of each unit means the unit can still be easily located in event of low light, power cut or reduced visibility.

RECYCLED CASE

100% recycled case material and 100% recyclable to help assist clients to meet their sustainability goals.

ASSET MANAGEMENT PORTAL

Full cloud based monitoring available through our online asset management portal gives real time reports on all devices allowing full remote control and monitoring.

FIRE SAFETY MADE SIMPLE

- ✓ SIMPLE to set up
- ✓ SIMPLE to operate
- ✓ SIMPLE to maintain

SAFE LINK MODULE

Our Safe Link module facilitates full remote monitoring through real time communication with our Asset Management Portal (page 30). It also has the functionality to text 5 numbers in the event of a fire and 5 numbers in the event of a medical emergency or low battery incident. Constant two way communication allows for recipients to reset the alert/alarm remotely. Indoor use only.

INTERFACE MODULE

Our interface module allows the Polaris system to connect volt free with other systems on site to create seamless alert cover. Examples of connections are turnstiles, permanent fire systems and building management systems.

SOUNDER STROBE MODULE

Our sounder strobe module is exactly the same as our fire call point except it does not have the ability to trigger an alarm. Mainly used in congested areas to increase chances of the alarm being seen and heard as well as increasing connectivity.

BATTERY BACK UP UNIT

Our battery back up unit is used in conjunction with the base station, Safe Link module and interface module if connected to mains. Provides up to 72 hours back up if mains supply is cut.

WIRELESS MESH RADIO TECHNOLOGY

HOW IT WORKS

Our Defender Polaris system has been designed to effectively operate in some of the most demanding environments.

The Mesh Radio Technology allows every unit to communicate with each other creating multiple connectivity pathways for the signal to travel through and ensuring there is no single point of failure within the system. Even if the Base Station is disabled the rest of the system will function.

Strength of signal allows for long distance connections whilst also providing the required concentrated signal strength to cope with steel structures, dense concrete and underground locations.

Unique frequencies prevents interference from any other wireless devices or systems nearby.
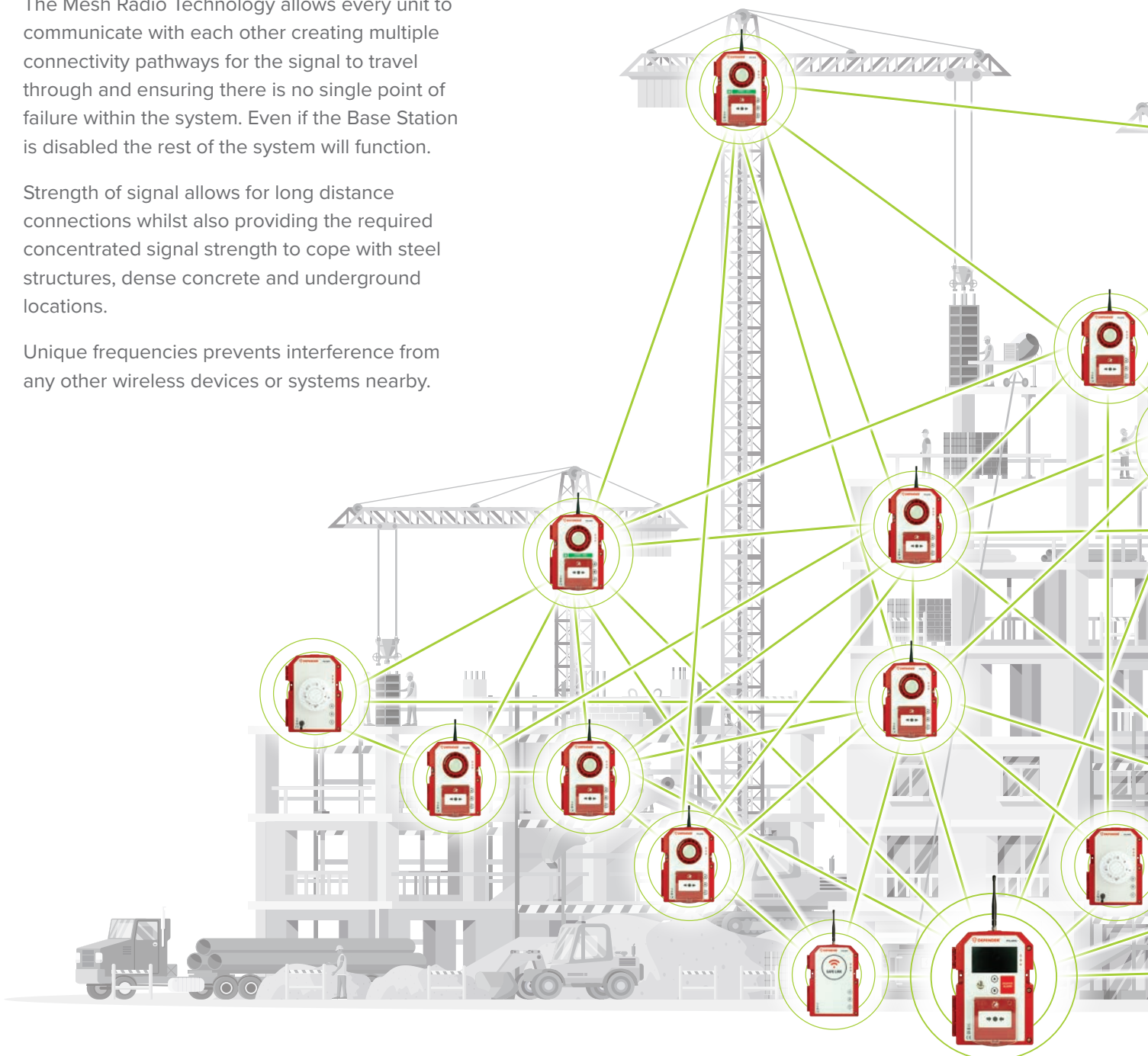
ADVANTAGES

☑ **Flexible system**

☑ **Fully addressable**

☑ **Quick to install**

☑ **Easy to relocate**

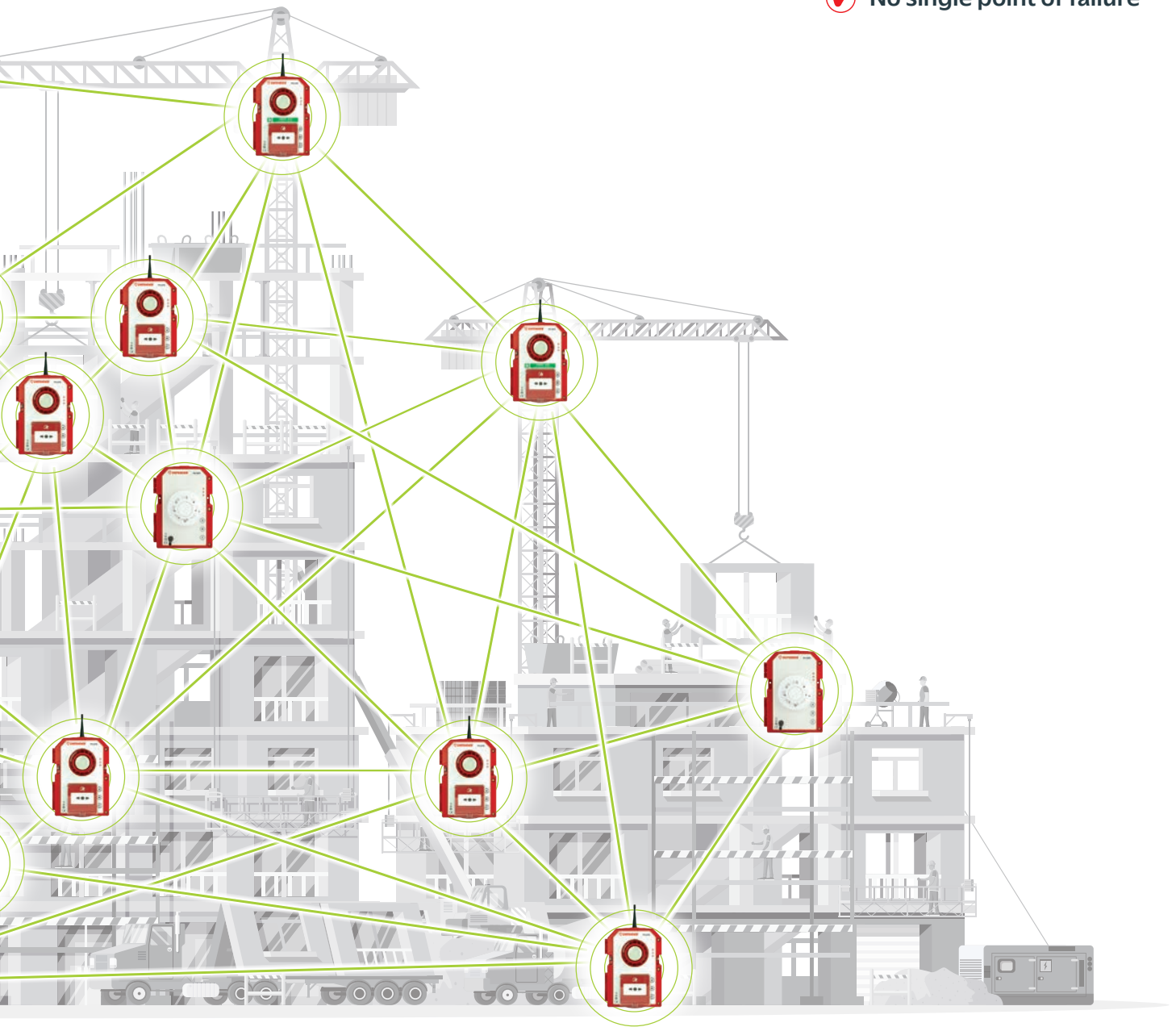☑ **No single point of failure**

BASE STATION

A central hub to the system monitoring and reporting on all activity.

Our base station is the hub of the whole 250 device system monitoring and maintaining all devices on site and providing updates and feedback on the whole system.

MAINS POWERED

85dB SOUNDER

UP TO 250 DEVICES

IP65 RATED

ROBUST HIGH SENSITIVITY AERIAL FOR MAINTAINING CONNECTIVITY BETWEEN UNITS WITH CATEGORY 1 RADIO MODULE USING 869MHz RADIO FREQUENCY GIVING 2KM LINE OF SITE RANGE BETWEEN DEVICES.

100% recycled case material and 100% recyclable to help assist clients to meet their sustainability goals.

LARGE TOUCH SCREEN WITH SIMPLE USER FRIENDLY LAYOUT SHOWING ALL CONNECTED DEVICES, BATTERY LOW ALERTS, FIRE AND FIRST AID ALERTS IN REAL TIME. INCLUDES ON SCREEN ALARM LOG.

POLARIS CHIP TECHNOLOGY.

SIMPLE LED'S LIGHT TO INDICATE CURRENT STATUS OF EACH UNIT AT A GLANCE, INCLUDING LOW BATTERY INDICATOR.

IP65 RATED CASE TO PREVENT WATER AND DUST INGRESS AND REINFORCE LONGEVITY OF SYSTEMS.

10 MINUTE SOUNDER AUTORESET FEATURE FOR WEEKEND/NIGHT SETTING TO MINIMISE NOISE DISRUPTION.

MULTI MODES INCLUDING ENGINEER, SITE MANAGER AND AUTO RESET MODE.

EASY TO USE 3 BUTTON RESET, PROGRAMMING AND TESTING CONFIGURATIONS. ALL DEVICES CAN BE RESET FROM BASE STATION OR AT INDIVIDUAL DEVICE.

ROBUST HINGE SYSTEM TO ALLOW MAINTENANCE WITHOUT REMOVING ALARM FOR LOCATION. PREVENTS BROKEN WIRES IF FRONT BECOMES DETACHED.

FIREFLY Technology

UKCA AND CE TESTED AND APPROVED.

Our unique FIREFLY photoluminescent material on the front of each unit means the unit can still be easily located in event of low light, power cut or reduced visibility.

Full cloud based monitoring available through our online asset management portal gives real time reports on all devices allowing full remote control and monitoring.

EN54 CERTIFIED RESETTABLE PUSH BUTTON CALL POINT WITH RESET KEY.

BASE STATION CONTROL CENTRE

A branded backboard for mounting the base station to give instructions and quick guide of usage to ensure all users have relevant information to hand in event of an emergency.

Does not include base station.

FIRE SITE PLAN

A magnetic site plan to clearly label and identify device locations across site. As more phases progress it can be updated to suit and new magnets added as required.

DIAMOND **3000** DRY WIPE
CRYSTAL CLEAN EVERY WIPE

MAGNETIC

MAGNET SETS

Fire magnets set of 94 pieces

Fire & First Aid set of 94 pieces

FIRE CALL POINT

The point of contact with the rest of the devices within the system and means of raising alert.

Our fire call point is the module that allows an alarm to be raised from various points across site to set off a site wide alarm in event of a fire and warn personnel of the danger by triggering the required evacuation.

BATTERY POWERED

WIRELESS

3YR BATTERY LIFE

UP TO 250 DEVICES

100dB SOUNDER

IP65 RATED

100% recycled case material and 100% recyclable to help assist clients to meet their sustainability goals.

ROBUST HIGH SENSITIVITY AERIAL FOR MAINTAINING CONNECTIVITY BETWEEN UNITS WITH CATEGORY 1 RADIO MODULE USING 869MHZ RADIO FREQUENCY GIVING 2KM LINE OF SITE RANGE BETWEEN DEVICES.

10 MINUTE SOUNDER AUTORESET FEATURE FOR WEEKEND/NIGHT SETTING TO MINIMISE NOISE DISRUPTION.

POLARIS CHIP TECHNOLOGY.

EN54 CERTIFIED 100DB SOUNDER STROBE UNIT.

IP65 RATED CASE TO PREVENT WATER AND DUST INGRESS AND REINFORCE LONGEVITY OF SYSTEMS.

SIMPLE LED'S LIGHT TO INDICATE CURRENT STATUS OF EACH UNIT AT A GLANCE, INCLUDING LOW BATTERY INDICATOR.

MULTI MODES INCLUDING ENGINEER, SITE MANAGER AND AUTO RESET MODE.

POWER OFF FEATURE TO PRESERVE BATTERIES IN STORAGE.

ROBUST HINGE SYSTEM TO ALLOW MAINTENANCE WITHOUT REMOVING ALARM FOR LOCATION. PREVENTS BROKEN WIRES IF FRONT BECOMES DETACHED.

EASY TO USE 3 BUTTON RESET, PROGRAMMING AND TESTING CONFIGURATIONS. ALL DEVICES CAN BE RESET FROM BASE STATION OR AT INDIVIDUAL DEVICE.

UKCA AND CE TESTED AND APPROVED.

FIREFLY Technology

Full cloud based monitoring available through our online asset management portal gives real time reports on all devices allowing full remote control and monitoring.

Our unique FIREFLY photoluminescent material on the front of each unit means the unit can still be easily located in event of low light, power cut or reduced visibility.

EN54 CERTIFIED RESETTABLE PUSH BUTTON CALL POINT WITH RESET KEY.

FIRE & FIRST AID CALL POINT

The point of contact with the rest of the devices within the system and means of raising fire and first aid alert.

Our fire and first aid call point is the module that allows an alarm to be raised to trigger a site wide fire alarm. This module also has a medical alert button to raise the alarm and notify first aiders in event of a medical emergency without activating all devices across the site.

BATTERY POWERED **WIRELESS** **3YR BATTERY LIFE** **UP TO 250 DEVICES** **100dB SOUNDER** **IP65 RATED**

100% recycled case material and 100% recyclable to help assist clients to meet their sustainability goals.

ROBUST HIGH SENSITIVITY AERIAL FOR MAINTAINING CONNECTIVITY BETWEEN UNITS WITH CATEGORY 1 RADIO MODULE USING 869MHz RADIO FREQUENCY GIVING 2KM LINE OF SITE RANGE BETWEEN DEVICES.

IP65 RATED CASE TO PREVENT WATER AND DUST INGRESS AND REINFORCE LONGEVITY OF SYSTEMS.

POLARIS CHIP TECHNOLOGY.

ROBUST HINGE SYSTEM TO ALLOW MAINTENANCE WITHOUT REMOVING ALARM FOR LOCATION. PREVENTS BROKEN WIRES IF FRONT BECOMES DETACHED.

MULTI MODES INCLUDING ENGINEER, SITE MANAGER AND AUTO RESET MODE.

EN54 CERTIFIED RESETTABLE PUSH BUTTON CALL POINT WITH RESET KEY.

UKCA AND CE TESTED AND APPROVED.

10 MINUTE SOUNDER AUTORESET FEATURE FOR WEEKEND/NIGHT SETTING TO MINIMISE NOISE DISRUPTION.

EN54 CERTIFIED 100DB SOUNDER STROBE UNIT.

POWER OFF FEATURE TO PRESERVE BATTERIES IN STORAGE.

SIMPLE LED'S LIGHT TO INDICATE CURRENT STATUS OF EACH UNIT AT A GLANCE, INCLUDING LOW BATTERY INDICATOR.

ADDITIONAL FIRST AID ALERT BUTTON TO NOTIFY FIRST AIDERS IN EVENT OF AN AREA EMERGENCY WITHOUT ACTIVATING ALL DEVICES.

EASY TO USE 3 BUTTON RESET, PROGRAMMING AND TESTING CONFIGURATIONS. ALL DEVICES CAN BE RESET FROM BASE STATION OR AT INDIVIDUAL DEVICE.

DEFENDER **POLARIS**

+ FIRST AID Press button for assistance

A B C

FIREFLY Technology

Our unique FIREFLY photoluminescent material on the front of each unit means the unit can still be easily located in event of low light, power cut or reduced visibility.

Full cloud based monitoring available through our online asset management portal gives real time reports on all devices allowing full remote control and monitoring.

For on-site solutions, contact our team on 0333 003 5710 or email sales@defender-systems.com

SMOKE DETECTOR

An automatic detector designed to trigger on detection of smoke and raise the alarm site wide.

Our automatic smoke detectors are designed to detect smoke and initiate a site wide alarm. For indoor use only.

BATTERY POWERED | WIRELESS | 3YR BATTERY LIFE | UP TO 250 DEVICES | IP65 RATED

100% recycled case material and 100% recyclable to help assist clients to meet their sustainability goals.

IP55 RATED CASE TO PREVENT WATER INGRESS AND REINFORCE LONGEVITY OF UNITS.

10 MINUTE SOUNDER AUTORESET FEATURE FOR WEEKEND/NIGHT SETTING TO MINIMISE NOISE DISRUPTION.

EN54 CERTIFIED OPTICAL SMOKE DETECTOR UNIT TO AUTOMATICALLY DETECT PRESENCE OF SMOKE.

POLARIS CHIP TECHNOLOGY.

IP65 RATED CASE TO PREVENT WATER AND DUST INGRESS AND REINFORCE LONGEVITY OF SYSTEMS.

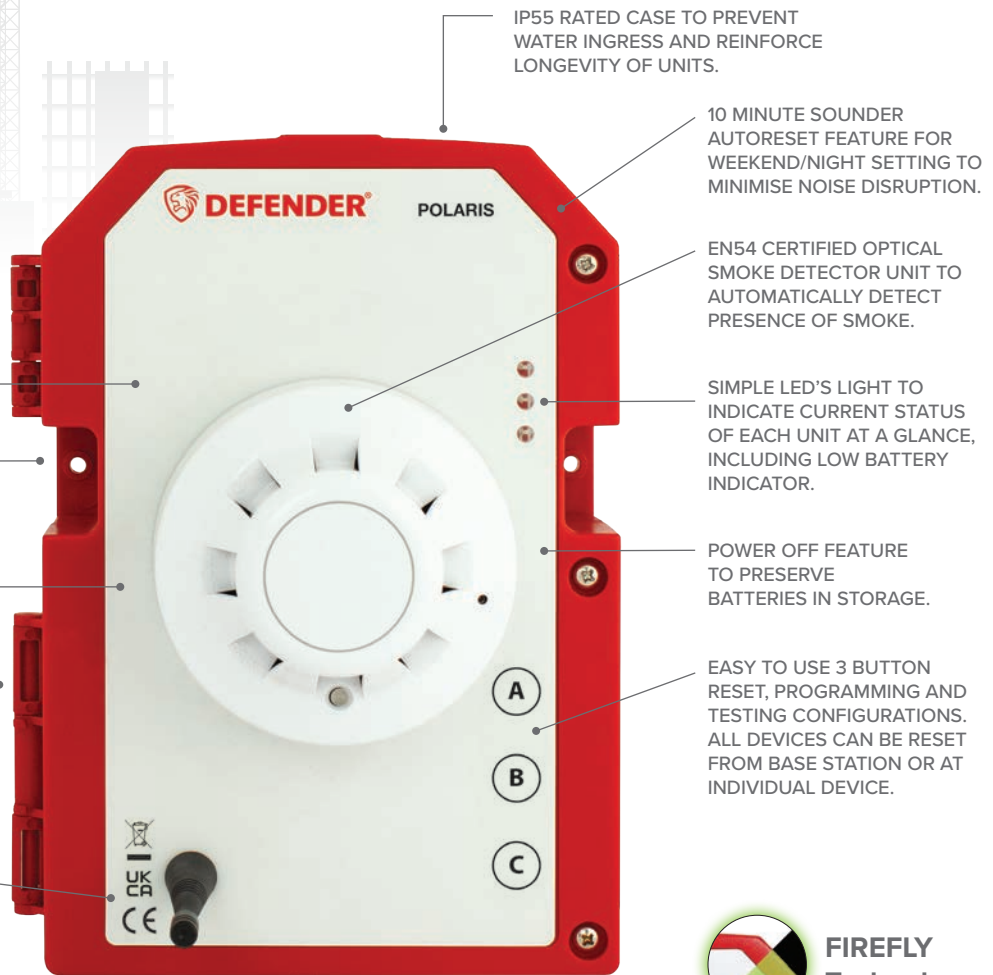SIMPLE LED'S LIGHT TO INDICATE CURRENT STATUS OF EACH UNIT AT A GLANCE, INCLUDING LOW BATTERY INDICATOR.

MULTI MODES INCLUDING ENGINEER, SITE MANAGER AND AUTO RESET MODE.

POWER OFF FEATURE TO PRESERVE BATTERIES IN STORAGE.

ROBUST HINGE SYSTEM TO ALLOW MAINTENANCE WITHOUT REMOVING ALARM FOR LOCATION. PREVENTS BROKEN WIRES IF FRONT BECOMES DETACHED.

EASY TO USE 3 BUTTON RESET, PROGRAMMING AND TESTING CONFIGURATIONS. ALL DEVICES CAN BE RESET FROM BASE STATION OR AT INDIVIDUAL DEVICE.

UKCA AND CE TESTED AND APPROVED.

FIREFLY Technology

Full cloud based monitoring available through our online asset management portal gives real time reports on all devices allowing full remote control and monitoring.

ROBUST HIGH SENSITIVITY AERIAL FOR MAINTAINING CONNECTIVITY BETWEEN UNITS WITH CATEGORY 1 RADIO MODULE USING 869MHz RADIO FREQUENCY GIVING 2KM LINE OF SITE RANGE BETWEEN DEVICES.

Our unique FIREFLY photoluminescent material on the front of each unit means the unit can still be easily located in event of low light, power cut or reduced visibility.

HEAT DETECTOR

An automatic detector designed to trigger on detection of change in room temperature and raise the alarm site wide.

Our automatic heat detectors are designed to detect heat and initiate a site wide alarm. Heat detectors are a better solution for dusty areas as smoke detectors can trigger from dust. For indoor use only.

BATTERY POWERED **WIRELESS** **3YR BATTERY LIFE** **UP TO 250 DEVICES** **IP65 RATED**

100% recycled case material and 100% recyclable to help assist clients to meet their sustainability goals.

IP65 RATED CASE TO PREVENT WATER AND DUST INGRESS AND REINFORCE LONGEVITY OF SYSTEMS.

POLARIS CHIP TECHNOLOGY.

MULTI MODES INCLUDING ENGINEER, SITE MANAGER AND AUTO RESET MODE.

ROBUST HINGE SYSTEM TO ALLOW MAINTENANCE WITHOUT REMOVING ALARM FOR LOCATION. PREVENTS BROKEN WIRES IF FRONT BECOMES DETACHED.

UKCA AND CE TESTED AND APPROVED.

Full cloud based monitoring available through our online asset management portal gives real time reports on all devices allowing full remote control and monitoring.
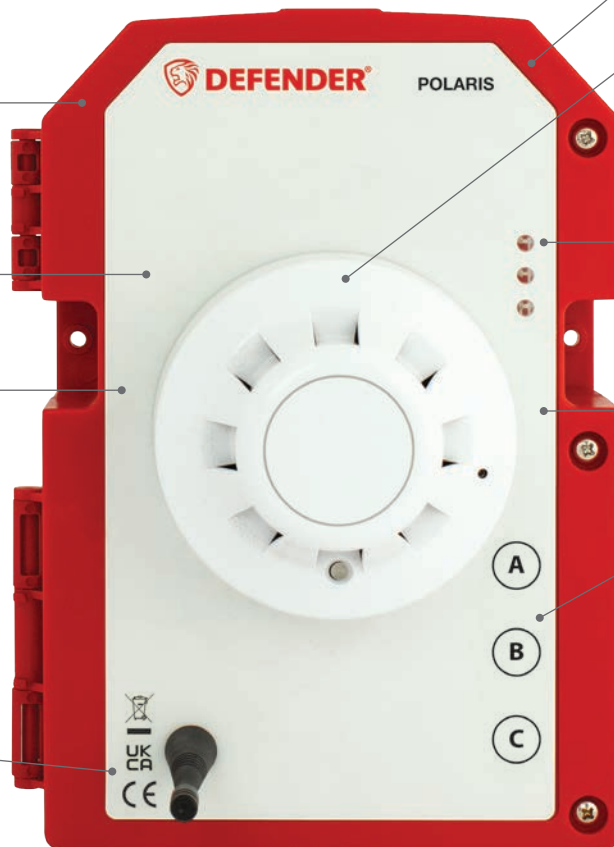
10 MINUTE SOUNDER AUTORESET FEATURE FOR WEEKEND/NIGHT SETTING TO MINIMISE NOISE DISRUPTION.

EN54 CERTIFIED 57°C HEAT DETECTOR UNIT TO AUTOMATICALLY DETECT CHANGE IN ROOM TEMPERATURE.

SIMPLE LED'S LIGHT TO INDICATE CURRENT STATUS OF EACH UNIT AT A GLANCE, INCLUDING LOW BATTERY INDICATOR.

POWER OFF FEATURE TO PRESERVE BATTERIES IN STORAGE.

EASY TO USE 3 BUTTON RESET, PROGRAMMING AND TESTING CONFIGURATIONS. ALL DEVICES CAN BE RESET FROM BASE STATION OR AT INDIVIDUAL DEVICE.

FIREFLY Technology

Our unique FIREFLY photoluminescent material on the front of each unit means the unit can still be easily located in event of low light, power cut or reduced visibility.

ROBUST HIGH SENSITIVITY AERIAL FOR MAINTAINING CONNECTIVITY BETWEEN UNITS WITH CATEGORY 1 RADIO MODULE USING 869MHz RADIO FREQUENCY GIVING 2KM LINE OF SITE RANGE BETWEEN DEVICES.

For on-site solutions, contact our team on 0333 003 5710 or email sales@defender-systems.com

SAFE LINK MODULE

A communications hub design to allow remote monitoring via the Asset Management Portal and to send text alerts in event of a fire or first aid alert.

Our Safe Link module facilitates full remote monitoring through real time communication with our Asset Management Portal. It also has the functionality to text 5 numbers in the event of a fire and 5 numbers in the event of a medical emergency or low battery incident. Constant two way communication allows for recipients to reset the alert/alarm remotely. Indoor use only.

MAINS POWERED

WIRELESS

UP TO 250 DEVICES

IP65 RATED

ROBUST HIGH SENSITIVITY AERIAL FOR MAINTAINING CONNECTIVITY BETWEEN UNITS WITH CATEGORY 1 RADIO MODULE USING 869MHz RADIO FREQUENCY GIVING 2KM LINE OF SITE RANGE BETWEEN DEVICES.

100% recycled case material and 100% recyclable to help assist clients to meet their sustainability goals.

TEXTS UP TO 5 PEOPLE IN EVENT OF A FIRE AND UP TO 5 PEOPLE IN EVENT OF MEDICAL EMERGENCY. ALSO SENDS LOW BATTERY ALERTS AND ALLOWS REMOTE RESETTING OF ALARM.

POLARIS CHIP TECHNOLOGY.

IP65 RATED CASE TO PREVENT WATER AND DUST INGRESS AND REINFORCE LONGEVITY OF SYSTEMS.

SIMPLE LED'S LIGHT TO INDICATE CURRENT STATUS OF EACH UNIT AT A GLANCE, INCLUDING LOW BATTERY INDICATOR.

MULTI MODES INCLUDING ENGINEER, SITE MANAGER AND AUTO RESET MODE.

ROBUST HINGE SYSTEM TO ALLOW MAINTENANCE WITHOUT REMOVING ALARM FOR LOCATION. PREVENTS BROKEN WIRES IF FRONT BECOMES DETACHED.

EASY TO USE 3 BUTTON RESET, PROGRAMMING AND TESTING CONFIGURATIONS. ALL DEVICES CAN BE RESET FROM BASE STATION OR AT INDIVIDUAL DEVICE.

UKCA AND CE TESTED AND APPROVED.

DEFENDER POLARIS

SAFE LINK

A

B

C

FIREFLY Technology

Our unique FIREFLY photoluminescent material on the front of each unit means the unit can still be easily located in event of low light, power cut or reduced visibility.

Full cloud based monitoring available through our online asset management portal gives real time reports on all devices allowing full remote control and monitoring.

INTERFACE MODULE

A flexible solution for our system to seamlessly connect to other systems on site.

Our interface module allows the Polaris system to connect volt free with other systems on site to create seamless alert cover. Examples of connections are turnstiles, permanent fire systems and building management systems.

- **BATTERY POWERED**
- **WIRELESS**
- **3YR BATTERY LIFE**
- **UP TO 250 DEVICES**
- **IP65 RATED**

100% recycled case material and 100% recyclable to help assist clients to meet their sustainability goals.

ROBUST HIGH SENSITIVITY AERIAL FOR MAINTAINING CONNECTIVITY BETWEEN UNITS WITH CATEGORY 1 RADIO MODULE USING 869MHz RADIO FREQUENCY GIVING 2KM LINE OF SITE RANGE BETWEEN DEVICES.

IP65 RATED CASE TO PREVENT WATER AND DUST INGRESS AND REINFORCE LONGEVITY OF SYSTEMS.

ALLOWS VOLT FREE CONTACT WITH OTHER SYSTEMS AND ALARMS ON SITE TO ALLOW FULL INTEGRATION.

POLARIS CHIP TECHNOLOGY.

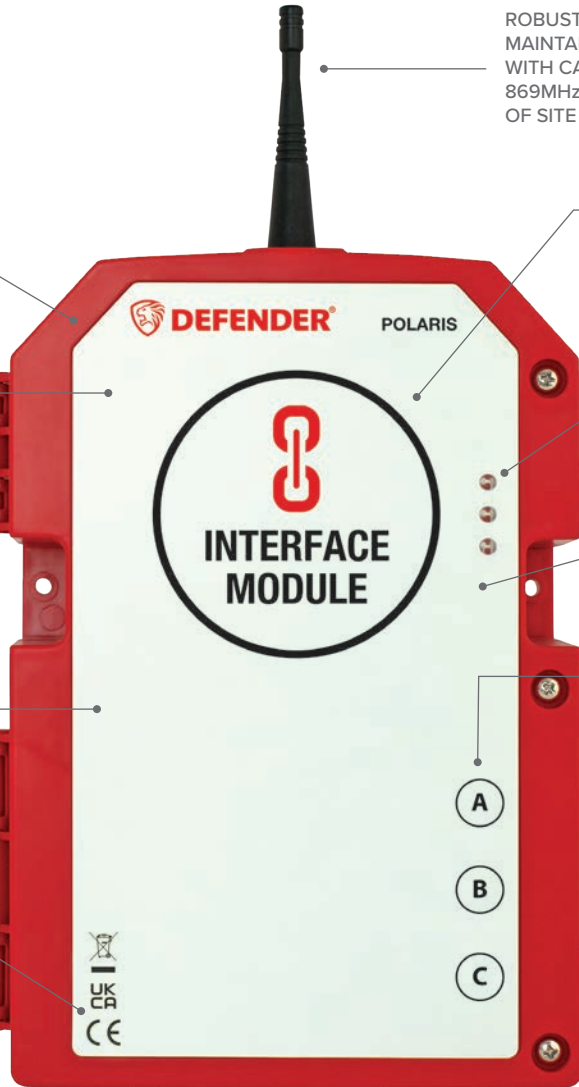SIMPLE LED'S LIGHT TO INDICATE CURRENT STATUS OF EACH UNIT AT A GLANCE, INCLUDING LOW BATTERY INDICATOR.

ROBUST HINGE SYSTEM TO ALLOW MAINTENANCE WITHOUT REMOVING ALARM FOR LOCATION. PREVENTS BROKEN WIRES IF FRONT BECOMES DETACHED.

POWER OFF FEATURE TO PRESERVE BATTERIES IN STORAGE.

MULTI MODES INCLUDING ENGINEER, SITE MANAGER AND AUTO RESET MODE.

EASY TO USE 3 BUTTON RESET, PROGRAMMING AND TESTING CONFIGURATIONS. ALL DEVICES CAN BE RESET FROM BASE STATION OR AT INDIVIDUAL DEVICE.

UKCA AND CE TESTED AND APPROVED.

FIREFLY Technology

Full cloud based monitoring available through our online asset management portal gives real time reports on all devices allowing full remote control and monitoring.

Our unique FIREFLY photoluminescent material on the front of each unit means the unit can still be easily located in event of low light, power cut or reduced visibility.

- Standard version links to turnstiles etc.
- Advanced version links to hard wired alarm systems.

For on-site solutions, contact our team on 0333 003 5710 or email sales@defender-systems.com

SOUNDER STROBE MODULE

A unit used to increase visibility and connectivity across site where call points are not required.

Our sounder strobe module is exactly the same as our fire call point except it does not have the ability to trigger an alarm. Mainly used in congested areas to increase chances of the alarm being seen and heard as well as increasing connectivity.

BATTERY POWERED **WIRELESS** **3YR BATTERY LIFE** **UP TO 250 DEVICES** **100dB SOUNDER** **IP65 RATED**

100% recycled case material and 100% recyclable to help assist clients to meet their sustainability goals.

ROBUST HIGH SENSITIVITY AERIAL FOR MAINTAINING CONNECTIVITY BETWEEN UNITS WITH CATEGORY 1 RADIO MODULE USING 869MHz RADIO FREQUENCY GIVING 2KM LINE OF SITE RANGE BETWEEN DEVICES.

10 MINUTE SOUNDER AUTORESET FEATURE FOR WEEKEND/NIGHT SETTING TO MINIMISE NOISE DISRUPTION.

POLARIS CHIP TECHNOLOGY.

EN54 CERTIFIED 100DB SOUNDER STROBE UNIT.

IP65 RATED CASE TO PREVENT WATER AND DUST INGRESS AND REINFORCE LONGEVITY OF SYSTEMS.

SIMPLE LED'S LIGHT TO INDICATE CURRENT STATUS OF EACH UNIT AT A GLANCE, INCLUDING LOW BATTERY INDICATOR.

MULTI MODES INCLUDING ENGINEER, SITE MANAGER AND AUTO RESET MODE.

POWER OFF FEATURE TO PRESERVE BATTERIES IN STORAGE.

ROBUST HINGE SYSTEM TO ALLOW MAINTENANCE WITHOUT REMOVING ALARM FOR LOCATION. PREVENTS BROKEN WIRES IF FRONT BECOMES DETACHED.

EASY TO USE 3 BUTTON RESET, PROGRAMMING AND TESTING CONFIGURATIONS. ALL DEVICES CAN BE RESET FROM BASE STATION OR AT INDIVIDUAL DEVICE.

UKCA AND CE TESTED AND APPROVED.

FIREFLY Technology

Full cloud based monitoring available through our online asset management portal gives real time reports on all devices allowing full remote control and monitoring.

Our unique FIREFLY photoluminescent material on the front of each unit means the unit can still be easily located in event of low light, power cut or reduced visibility.

DEFENDER®

BATTERY BACK UP MODULE

A back up module designed to ensure full cover to mains operated devices in event of power failure.

Our battery back up module is used in conjunction with the base station, Safe Link module and interface module if connected to mains. Provides up to 72 hours back up if mains supply is cut.

- MAINS POWERED
- 72HR BATTERY BACKUP
- IP65 RATED

POLARIS CHIP TECHNOLOGY.

SIMPLE LED'S LIGHT TO INDICATE CURRENT STATUS OF EACH UNIT AT A GLANCE, INCLUDING LOW BATTERY INDICATOR.

IP65 RATED CASE TO PREVENT WATER AND DUST INGRESS AND REINFORCE LONGEVITY OF SYSTEMS.

DEFENDER® POLARIS

AC CONNECTED
FAULT ALERT

BATTERY BACK UP

4.5V OUTPUT

WARNING 240V
Isolate supply before removing this cover.

UKCA AND CE TESTED AND APPROVED.

Full cloud based monitoring available through our online asset management portal gives real time reports on all devices allowing full remote control and monitoring.

FIREFLY Technology

Our unique FIREFLY photoluminescent material on the front of each unit means the unit can still be easily located in event of low light, power cut or reduced visibility.

For on-site solutions, contact our team on 0333 003 5710 or email sales@defender-systems.com

SPARES & ACCESSORIES

SPARE BATTERY

A replacement battery with 3 years life expectancy used across all battery powered units. Standard connections allow for simple and safe replacement.

RESET KEY

A simple key to reset manual call points when they have been triggered to save having to replace the whole unit.

SPARE CALL POINT COVER

Replaceable clear hinged cover to protect call points from accidental trigger. Push fit for quick and easy replacement.

ANTENNA EXTENSION

2m extension, BNC or TNC available. Other lengths available on request. For use on base station and Safe Link only.

www.defender-systems.com 27

TECHNICAL SPECIFICATIONS

PRODUCT	BASE STATION	FIRE CALL POINT	FIRE & FIRST AID CALL POINT	SMOKE DETECTOR
CODE	FIR871PBS	FIR913PCP	FIR873FFA	FIR919PSD
SIZE H x W x D (mm) (including aerial)	310 x 175 x 98	310 x 175 x 105	310 x 175 x 105	238 x 175 x 143
IP RATED	IP65	IP65	IP65	IP65
• Outdoor Use		✓	✓	
• Indoor Use	✓			✓
FREQUENCY	869MHz	869MHz	869MHz	869MHz
CATEGORY 1	✓	✓	✓	✓
FLASHING BEACON	✗	✓	✓	✗
NOISE LEVEL dB	85dB	100dB	100dB	✗
POWER INPUT	Mains	Battery FIR118PRB	Battery FIR118PRB	Battery FIR118PRB
BATTERY LIFE	✗	3 Years	3 Years	3 Years
WARRANTY	1 Year	1 Year	1 Year	1 Year

HEAT DETECTOR	SAFE LINK MODULE	INTERFACE MODULE	SOUNDER STROBE MODULE	BATTERY BACK UP MODULE
FIR875PHD	FIR872PSM	FIR109PIM	FIR914PSS	FIR110PBU
238 x 175 x 143	310 x 175 x 70	310 x 175 x 70	310 x 175 x 105	205 x 236 x 86
IP65	IP65	IP65	IP65	✗
		✓	✓	
✓	✓			✓
869MHz	869MHz	869MHz	869MHz	✗
✓	✓	✓	✓	✓
✗	✗	✗	✓	✗
✗	✗	✗	100dB	✗
Battery FIR118PRB	Battery FIR118PRB	Mains	Battery FIR118PRB	Mains
3 Years	3 Years	✗	3 Years	✗
1 Year	1 Year	1 Year	1 Year	1 Year

✓ **For on-site solutions, contact our team on 0333 003 5710 or email sales@defender-systems.com**

ASSET MANAGEMENT PORTAL

A simple dashboard to monitor and maintain the wireless systems and facilitate remote reactive maintenance.

Our online Asset Management Portal has been designed to monitor and maintain the Defender Polaris System. By providing real time data it provides peace of mind to site managers and health and safety managers through monitoring and alerting automatically all the key "vital signs" of the system to ensure it is functioning at 100% for 100% of the time giving uninterrupted coverage across sites.
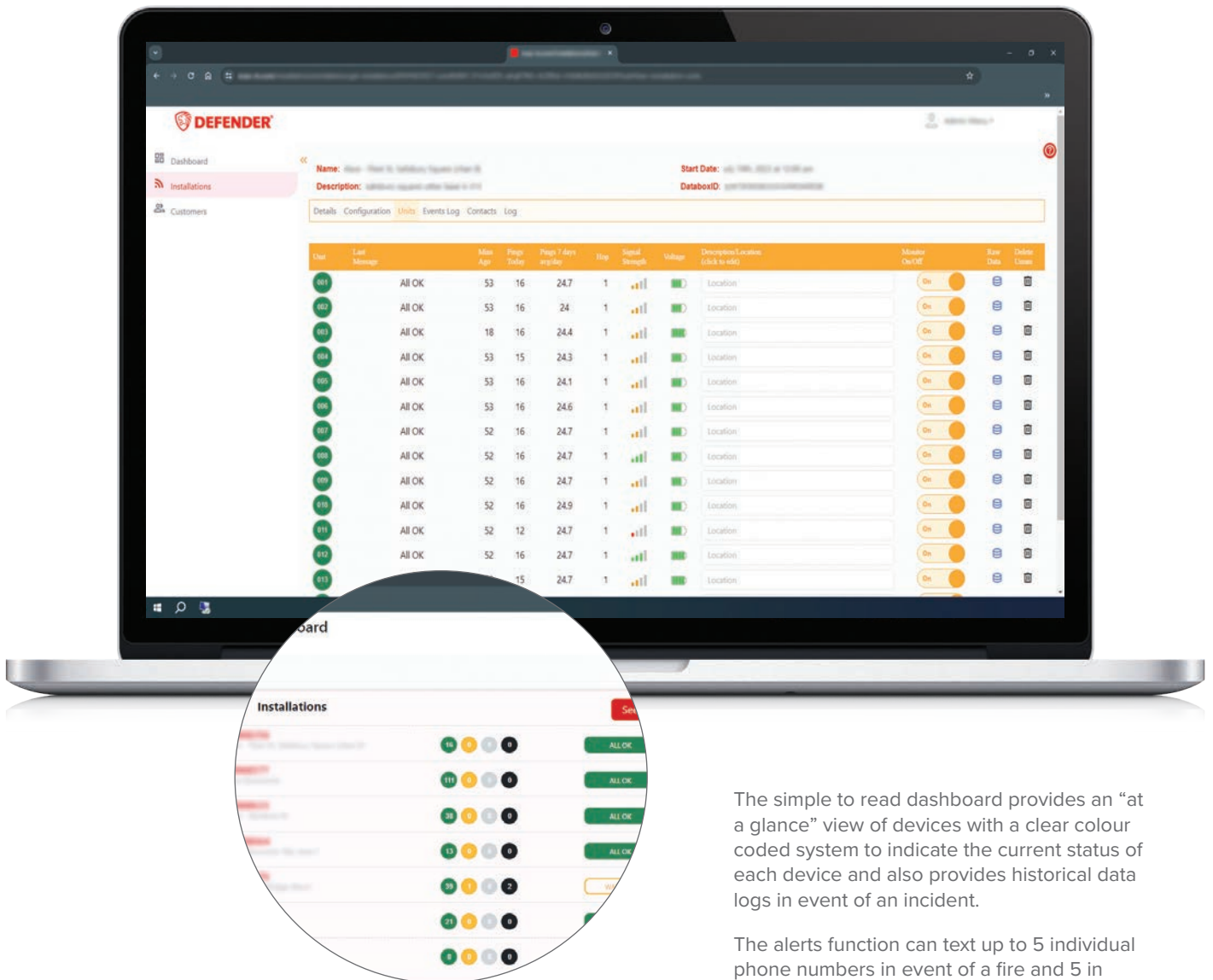
The simple to read dashboard provides an "at a glance" view of devices with a clear colour coded system to indicate the current status of each device and also provides historical data logs in event of an incident.

The alerts function can text up to 5 individual phone numbers in event of a fire and 5 in event of a medical emergency or low battery indicator. Additionally it lets recipients to reset the alarm remotely.

WIRELESS ALERTS

The alerts function can text up to 5 individual phone numbers in event of a fire and 5 in event of a medical emergency or low battery indicator. Additionally it allows recipients to reset the alarm remotely.

SIGNAL STRENGTH

The signal strength is constantly monitored and reported on in real time. In the event of loss of signal from one particular device a colour coded system is implemented and our engineers will get in touch to run through an initial check on the unit with the site manager to see if there is any obvious reason for it dropping out and get it back up and running saving call out charges.

CONTACT LAST MADE

In the rare event of loss or intermittent signal issues our dashboard provides a time and date stamp for when the last contact was made. This helps site managers and engineers to pin point any issues quickly and gives quick understanding of potential reasons for the issue arising so any resolution can be future proofed.

DISABLE MONITORING

In event of routine or reactive maintenance the remote monitoring can be switched off to save false alerts and errant data entering the data logs.

UNIT NUMBER & LOCATION

The unique unit number and a short description of its location on site is included on the dashboard. This proves invaluable on larger sites for site managers or engineers to quickly locate individual units and rectify any issues that may arise. It also assists our internal technical support team when running through initial checks with site management to prevent site call outs.
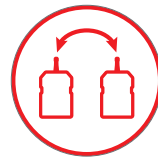
BATTERY LEVEL

All batteries in all devices are monitored 24/7 to ensure the system is functioning at peak performance. Our long life batteries need very little maintenance but when they do approach end of life this function is critical in proactively managing the individual units across the whole system. In event of a low battery alert site management and our engineers can very easily review the whole system and replace any others saving time and money.

MESH CONNECTS TO BASE

Our Wireless Mesh Radio Technology allows each unit to create a connect path back to base via the other units allowing the signal to be maintained in event of any obstruction or interference in the direct path back to the base station (see pages 14-15). The dashboard gives the data which shows how many "hops" the unit has made to get back to base which if unusually high the engineers may be able to adjust the system to create a short cut when next on site.

RAW DATA FEED

Our Asset Management Portal provides a raw data feed which allows engineers to review historic data to understand better any issues that might arise on the system. It creates an active log of all messages relayed from the unit and to which device they were sent to.

SCAFFOLD STATIONS

MINI SCAFFOLD STATION

A compact solution for alarm systems situated on external scaffold. Brings together all the relevant information at each call point whilst offering a secure place to fix the alarm to. The rugged backboard protects the alarm unit from damage.

Backboard made from ECOALUBORD with 80% recycled content and 100% recyclable at end of use.

EASY TO INSTALL USING TWO STANDARD ADJUSTABLE STAINLESS STEEL U-BRACKET FIXINGS TO CONNECT TO UPRIGHT SCAFFOLD POLE.

ALL RELEVANT SIGNAGE INCLUDED ON PRINTED BACKBOARD.

FULLY CUSTOMISABLE BACKBOARD THAT CAN INCLUDE YOUR BRAND, COLOURS AND DESIGN INCLUDING ADDITION OF DRYWIPE SURFACES.

MIDI SCAFFOLD STATION

A comprehensive fire safety and first aid point for use on scaffolding. Brings together all the relevant information giving location, fire extinguisher information and usage guidance. The robust backboard gives good visibility in event of emergency, protects the alarm and provides a place for the extinguishers to fix to.

INBUILT HOOKS AND QUICK RELEASE STRAPS TO HOLD EXTINGUISHERS IN PLACE.

Backboard made from ECOALUBORD with 80% recycled content and 100% recyclable at end of use.

ALL RELEVANT SIGNAGE INCLUDED ON PRINTED BACKBOARD.

EASY TO INSTALL USING TWO STANDARD ADJUSTABLE STAINLESS STEEL U-BRACKET FIXINGS TO CONNECT TO THE HORIZONTAL SCAFFOLD GUARDRAILS.

FULLY CUSTOMISABLE BACKBOARD THAT CAN INCLUDE YOUR BRAND, COLOURS AND DESIGN INCLUDING ADDITION OF DRYWIPE SURFACES.

FIRE TROLLEYS

MIDI FIRE POINT TROLLEY

A robust compact portable double fire point trolley built to last and designed to withstand the rigours of industrial usage.

Our midi fire point trolley is a uniquely designed solution providing a mobile fire point allowing your fire cover to adjust to suit the agility of the project. Many standard features have been redesigned to eliminate potential failure points and ensure that these trolleys can be used site after site.

INCREASED DISPLAY AREA TO ALLOW CLEAR AND CONCISE SIGNAGE AND BRANDING. FULLY BESPOKE DESIGNS AND BRANDING AVAILABLE INCLUDING DRYWIPE AREAS.

ADDITIONAL ACCESSORIES CAN BE ADDED SUCH AS ACRYLIC HOLDERS AND SNAP FRAMES TO CREATE AND SUPPORT CONSISTENCY IN SAFE WORKING PRACTICES AND PROCEDURES.

STRENGTHENED BACK STRUTS GIVE A ROBUST RIGID FRAMEWORK TO ENSURE LONGEVITY. EACH STRUT PRE-DRILLED FOR VARIETY OF APPLICATIONS.

INTERNAL REPLACEABLE WHEELS REDUCES THE UNIT WIDTH ENABLING IT TO PASS THROUGH SINGLE DOOR, INCREASES UNIT MANOEUVRABILITY, PROTECTS THE WHEELS FROM DAMAGE AND REDUCES TRIP HAZARD.

Replaceable backboard made from ℮COALUBORD with 80% recycled content and 100% recyclable at end of use.

Steel used is 60% recycled and 100% recyclable.

45% less steel used than the competition but still stronger through unique design.

Modular design of 3 replaceable frame sections and wheels increases working life of trolley by up to 400% through our FEMS process.

AVAILABLE WITH CABINET OPTION

MAXI FIRE POINT TROLLEY

A robust compact portable triple fire point trolley built to last and designed to withstand the rigours of industrial usage.

Our maxi fire point trolley is a uniquely designed solution providing a mobile fire point allowing your fire cover to adjust to suit the agility of the project. Many standard features have been redesigned to eliminate potential failure points and ensure that these trolleys can be used site after site.

INCREASED DISPLAY AREA TO ALLOW CLEAR AND CONCISE SIGNAGE AND BRANDING. FULLY BESPOKE DESIGNS AND BRANDING AVAILABLE INCLUDING DRYWIPE AREAS.

ADDITIONAL ACCESSORIES CAN BE ADDED SUCH AS ACRYLIC HOLDERS AND SNAP FRAMES TO CREATE AND SUPPORT CONSISTENCY IN SAFE WORKING PRACTICES AND PROCEDURES.

STRENGTHENED BACK STRUTS GIVE A ROBUST RIGID FRAMEWORK TO ENSURE LONGEVITY. EACH STRUT PRE-DRILLED FOR VARIETY OF APPLICATIONS.

INTERNAL REPLACEABLE WHEELS REDUCES THE UNIT WIDTH ENABLING IT TO PASS THROUGH SINGLE DOOR, INCREASES UNIT MANOEUVRABILITY, PROTECTS THE WHEELS FROM DAMAGE AND REDUCES TRIP HAZARD.

Replaceable backboard made from ℮COALUBORD with 80% recycled content and 100% recyclable at end of use.

Steel used is 60% recycled and 100% recyclable.

45% less steel used than the competition but still stronger through unique design.

Modular design of 3 replaceable frame sections and wheels increases working life of trolley by up to 400% through our FEMS process.

AVAILABLE WITH CABINET OPTION

For on-site solutions, contact our team on 0333 003 5710 or email sales@defender-systems.com

RAPID RESPONSE STATIONS

RAPID RESPONSE STATION

INCREASED DISPLAY AREA TO ALLOW CLEAR AND CONCISE SIGNAGE AND BRANDING. FULLY BESPOKE DESIGNS AND BRANDING AVAILABLE INCLUDING DRYWIPE AREAS.

ADDITIONAL ACCESSORIES CAN BE ADDED SUCH AS ACRYLIC HOLDERS AND SNAP FRAMES TO CREATE AND SUPPORT CONSISTENCY IN SAFE WORKING PRACTICES AND PROCEDURES.

A ROBUST WATERPROOF AND DUSTPROOF CABINET CERTIFIED TO IP59 FOR SAFE AND EFFECTIVE STORAGE IN CHALLENGING OR EXTERNAL CONDITIONS.

STRENGTHENED BACK STRUTS GIVE A ROBUST RIGID FRAMEWORK TO ENSURE LONGEVITY. EACH STRUT PRE-DRILLED FOR VARIETY OF APPLICATIONS.

SWAGED JOINT WITH QUICK RELEASE FIXINGS ALLOW UNIT TO BE SPLIT IN HALF FOR TRANSPORT AND STORAGE.

INTERNAL REPLACEABLE WHEELS REDUCES THE UNIT WIDTH ENABLING IT TO PASS THROUGH SINGLE DOOR, INCREASES UNIT MANOEUVRABILITY, PROTECTS THE WHEELS FROM DAMAGE AND REDUCES TRIP HAZARD.

Replaceable backboard made from eCOALUBORD with 80% recycled content and 100% recyclable at end of use.

Steel used is 60% recycled and 100% recyclable.

45% less steel used than the competition but still stronger through unique design.

Modular design of 3 replaceable frame sections and wheels increases working life of trolley by up to 400% through our FEMS process.

EXAMPLES OF USE

RED RAPID RESPONSE STATION

A simple solution to deliver consistent rapid response to on site incidents ensuring you have everything to hand when needed to minimise disruption and maximise effective control.

Our Rapid Response Stations combine to bring together a mobile system of highly visible and easily recognisable stations to be located across sites to ensure timely response to on site incidents and to support the professional and consistent management of health and safety across multiple locations.

- Increased display area for clear messaging. Fully bespoke design service available at no extra cost.

- Additional accessories can be added to create a consistent system of work.

- Swaged joint to allow unit to be split in half for transport and storage.

- Strengthened horizontal frame for increased rigidity and longevity.

- IP59 rated waterproof and dustproof storage.

- Internal wheels to reduce overall width and increase manoeuvrability.

EXAMPLE OF USE

Replaceable backboard made from **eCOALUBORD** with 80% recycled content and 100% recyclable at end of use.

Steel used is 60% recycled and 100% recyclable.

45% less steel used than the competition but still stronger through unique design.

Modular design of 3 replaceable frame sections and wheels increases working life of trolley by up to 400% through our FEMS process.

For on-site solutions, contact our team on 0333 003 5710 or email sales@defender-systems.com

GREEN RAPID RESPONSE STATION

A simple solution to deliver consistent rapid response to on site incidents ensuring you have everything to hand when needed to minimise disruption and maximise effective control.

Our Rapid Response Stations combine to bring together a mobile system of highly visible and easily recognisable stations to be located across sites to ensure timely response to on site incidents and to support the professional and consistent management of health and safety across multiple locations.

- Increased display area for clear messaging. Fully bespoke design service available at no extra cost.

- Additional accessories can be added to create a consistent system of work.

- Swaged joint to allow unit to be split in half for transport and storage.

- Strengthened horizontal frame for increased rigidity and longevity.

- IP59 rated waterproof and dustproof storage.

- Internal wheels to reduce overall width and increase manoeuvrability.

EXAMPLE OF USE

Replaceable backboard made from ℮COALUBORD with 80% recycled content and 100% recyclable at end of use.

Steel used is 60% recycled and 100% recyclable.

45% less steel used than the competition but still stronger through unique design.

Modular design of 3 replaceable frame sections and wheels increases working life of trolley by up to 400% through our FEMS process.

YELLOW RAPID RESPONSE STATION

A simple solution to deliver consistent rapid response to on site incidents ensuring you have everything to hand when needed to minimise disruption and maximise effective control.

Our Rapid Response Stations combine to bring together a mobile system of highly visible and easily recognisable stations to be located across sites to ensure timely response to on site incidents and to support the professional and consistent management of health and safety across multiple locations.

- Increased display area for clear messaging. Fully bespoke design service available at no extra cost.

- Additional accessories can be added to create a consistent system of work.

- Swaged joint to allow unit to be split in half for transport and storage.

- Strengthened horizontal frame for increased rigidity and longevity.

- IP59 rated waterproof and dustproof storage.

- Internal wheels to reduce overall width and increase manoeuvrability.

EXAMPLE OF USE

Replaceable backboard made from eCOALUBORD with 80% recycled content and 100% recyclable at end of use.

Steel used is 60% recycled and 100% recyclable.

45% less steel used than the competition but still stronger through unique design.

Modular design of 3 replaceable frame sections and wheels increases working life of trolley by up to 400% through our FEMS process.

For on-site solutions, contact our team on 0333 003 5710 or email sales@defender-systems.com

BLUE RAPID RESPONSE STATION

A simple solution to deliver consistent rapid response to on site incidents ensuring you have everything to hand when needed to minimise disruption and maximise effective control.

Our Rapid Response Stations combine to bring together a mobile system of highly visible and easily recognisable stations to be located across sites to ensure timely response to on site incidents and to support the professional and consistent management of health and safety across multiple locations.

- Increased display area for clear messaging. Fully bespoke design service available at no extra cost.

- Additional accessories can be added to create a consistent system of work.

- Swaged joint to allow unit to be split in half for transport and storage.

- Strengthened horizontal frame for increased rigidity and longevity.

- IP59 rated waterproof and dustproof storage.

- Internal wheels to reduce overall width and increase manoeuvrability.

EXAMPLE OF USE

Replaceable backboard made from eCOALUBORD with 80% recycled content and 100% recyclable at end of use.

Steel used is 60% recycled and 100% recyclable.

45% less steel used than the competition but still stronger through unique design.

Modular design of 3 replaceable frame sections and wheels increases working life of trolley by up to 400% through our FEMS process.

LITHIUM RAPID RESPONSE STATION

A simple solution to deliver consistent rapid response to lithium incidents ensuring you have everything to hand when needed to minimise disruption and maximise effective control.

Our Lithium Rapid Response Stations combine to bring together a mobile system of highly visible and easily recognisable stations to be located across sites to ensure timely response to on site incidents and to support the professional and consistent management of health and safety across multiple locations.

- Increased display area for clear messaging. Fully bespoke design service available at no extra cost.

- Additional accessories can be added to create a consistent system of work.

- Swaged joint to allow unit to be split in half for transport and storage.

- Strengthened horizontal frame for increased rigidity and longevity.

- IP59 rated waterproof and dustproof storage.

- Internal wheels to reduce overall width and increase manoeuvrability.

OPTIONS

FIRE EXTINGUISHERS
3, 6 & 9L

Replaceable backboard made from eCOALUBORD with 80% recycled content and 100% recyclable at end of use.

Steel used is 60% recycled and 100% recyclable.

45% less steel used than the competition but still stronger through unique design.

Modular design of 3 replaceable frame sections and wheels increases working life of trolley by up to 400% through our FEMS process.
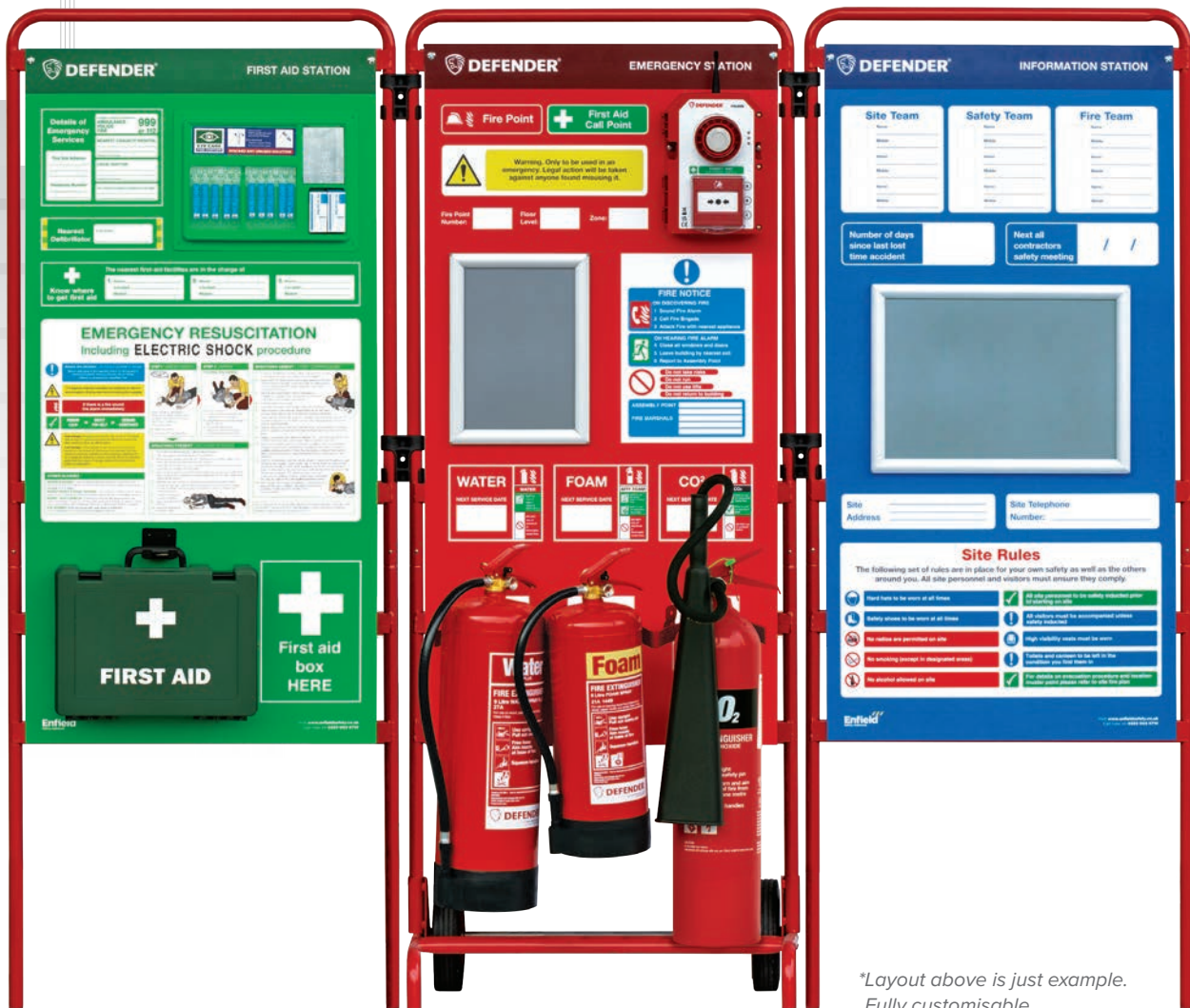
For on-site solutions, contact our team on 0333 003 5710 or email sales@defender-systems.com

MAXI SAFETY STATION

A robust portable triple safety station designed to provide a modular information system to promote clear and consistent messaging across site.

Our Maxi Safety Station takes on all the features of the fire point trolleys but with the options of additional side panels. The large display area of each panel can be customised to clearly communicate your site messaging. Additional accessories can be fixed to each panel to support consistent communication and compliance across every site.

*Layout above is just example. Fully customisable.

ITEMS YOU COULD ADD...

First Aid
- Emergency Response Kits
- Eyewash Station
- First Aid Kits
- First Aider Contact Details
- Resuscitation Poster
- Defibrillator Location Information
- Disposable Glove
- Alcohol Gel Station
- Defibrillators

Fire
- Fire Alarms
- Fire Extinguishers
- Fire Blankets
- Fire Buckets
- Fire Route Plans
- Fire Marshal Contact Details
- Fire & Evacuation Plans

Safety
- Safety Signage
- Campaign Messages
- Safety Statistics
- Safety Team Contacts Details
- Site Rules Signage
- Suggestion Boxes
- Waste Bins
- Spill Kits
- Dry Wipe Information Boards
- Safety Posters
- Skincare Dispensers
- Earplug Dispensers
- Safety Spec Dispensers
- Lens Cleaning Stations
- Glove Dispensers
- Mask Dispensers
- Clipframes

Replaceable backboard made from ecoALUBORD with 80% recycled content and 100% recyclable at end of use.

Steel used is 60% recycled and 100% recyclable.

45% less steel used than the competition but still stronger through unique design.

Modular design of 3 replaceable frame sections and wheels increases working life of trolley by up to 400% through our FEMS process.

5 EASY STEPS FOR CLEAR AND CONSISTENT SAFETY COMMUNICATIONS IN THE WORKPLACE
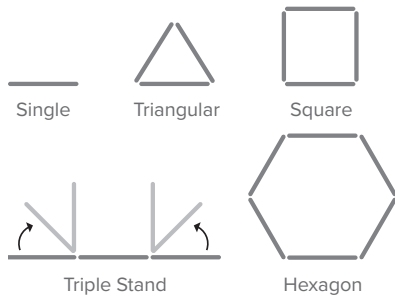
STEP 1
Select base station trolley. All configurations start with the base station trolley, normally this is a fire point but does not have to be.
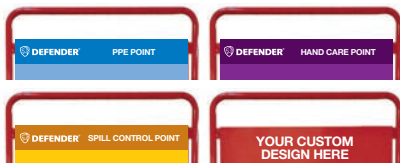
STEP 2
Choose your desired configuration
To maximise your message take into account footfall numbers and angles of vision and approach to safety station.

Single   Triangular   Square

Triple Stand   Hexagon

STEP 3
Decide what message you want to communicate with each panel

DEFENDER PPE POINT

DEFENDER HAND CARE POINT

DEFENDER SPILL CONTROL POINT

YOUR CUSTOM DESIGN HERE

STEP 4
Decide what products you want fixing to the backboard to compliment and reinforce the message

PRODUCT OF YOUR CHOICE

STEP 5
Send all information to us on sales@defender-systems.com or call 0333 003 5710 and we will design and cost up for your approval.

Our sales team are always on hand to discuss and offer design and technical input.

AVAILABLE WITH CABINET OPTION