Ci Global

CONNECTED INNOVATIONS FOR A SAFER WORLD

Ci Global

Connected innovations for a safer world

The safest fire *is the one that* NEVER STARTS

Electrical faults are one of the leading causes of building fires worldwide

Yet most safety systems only react once it's too late. By then the damage is already done.

Homes lost.
Towers gutted.
Lives changed forever.

Ci Safe

The next generation of building safety doesn't wait for the fire to start.

Prevention, not just reaction.

CONTENTS

From socket to skyline to smart city

Ci Global develops AI-driven, prevention-first technology designed to stop electrical fires and reduce wider safety risks across residential, commercial, and industrial environments

Ci Global

Intelligent fire and building safety that protects life

Ci Global develops prevention-first technology designed to stop risk before it becomes danger. Its flagship system, Ci Safe, is a patented, multi-award-winning solution that stops electrical fires before they start, while also addressing wider risks such as gas and water leaks and mould.

Unlike traditional fire safety systems, which react once smoke, heat or flame is already present, Ci Safe continuously monitors electrical behaviour at the point where risk begins — such as sockets, plugs, and connection points.

Ci Safe uses patented ThermalVision™ technology to detect overheating, arcing and electrical faults long before a fire can start. When unsafe conditions are identified, it acts instantly at source — cutting power or triggering protective responses to prevent escalation.

While often perceived as a smart socket, Ci Safe extends far beyond this. It is a connected building-safety system that brings together intelligent devices, sensors, software and command-and-control tools into one coordinated system.

Using AI within the device and in the cloud, the system works in real time — even offline — acting instantly and learning from data across multiple buildings to identify patterns and predict risk.

Alongside prevention at source, Ci Safe provides real-time visibility of safety conditions across buildings. Through a live digital view of each environment — enhanced by tools such as remote visualisation and drone support — it enables building managers and emergency teams to understand what is happening, respond faster, and guide people to safety when every second counts.

The result is a shift from passive, reactive protection to active, intelligent prevention — transforming homes, buildings, and critical infrastructure into environments that don't just detect danger, but help stop it before it starts.

Scan the QR code to view Ci Global content online.

THE FOUNDER

As an innovator with decades of experience developing safety systems designed to protect people, I have worked across both fire detection and advanced public safety fields.

My work has spanned from early intelligent fire alarm systems across large commercial and public buildings, working with major PLCs, through to Home Office-approved safety and surveillance systems used by the UK Government, the DVLA, Network Rail, and police forces in the UK
and abroad.

Along the way, I have developed technologies such as automatic number plate recognition (ANPR), level-crossing enforcement systems and mobile data platforms used by emergency services.

A turning point came after the Grenfell Tower tragedy in 2017. It brought into focus how many household fires start from faulty electrical goods we all rely on — often during sleeping hours, making them particularly life-threatening.

It also exposed a fundamental gap: most fire safety systems still only act once a fire has already started.

I knew I had to do something about that — to develop a different approach that doesn't just detect danger, but prevents it.

Recognising that many fires begin with electrical faults, I set out to build a solution that could stop fires before they start by acting at the point of risk.

Today, that work has evolved into Ci Global and the Ci Safe system, designed to prevent electrical fires while helping protect against wider building safety risks across residential, commercial and critical infrastructure.

While this journey is ongoing, we have come a long way. The focus now is clear — to ensure this is deployed as widely as possible to help protect people and prevent unnecessary loss of life.

Anthony D Parfitt — Chairman & Founder

Find out more about the life critical & safety products previously designed by our founder.
ci.global/founder

WHY SOCKETS?

Everyday electrical products can become sources of catastrophic fire risk

Most electrical fires do not begin inside the walls.

They begin with the everyday devices people bring into buildings and plug in — from faulty or counterfeit goods to overloaded extension leads, chargers, heaters, appliances, and other high-risk electrical equipment.

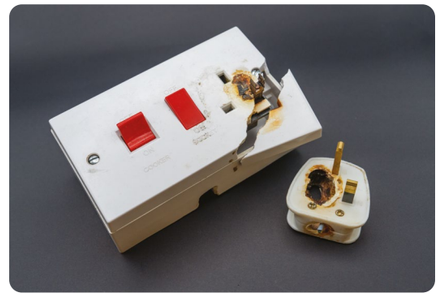
Yet despite this, there is little visibility or control over what is connected to the electrical system once products enter homes and buildings.

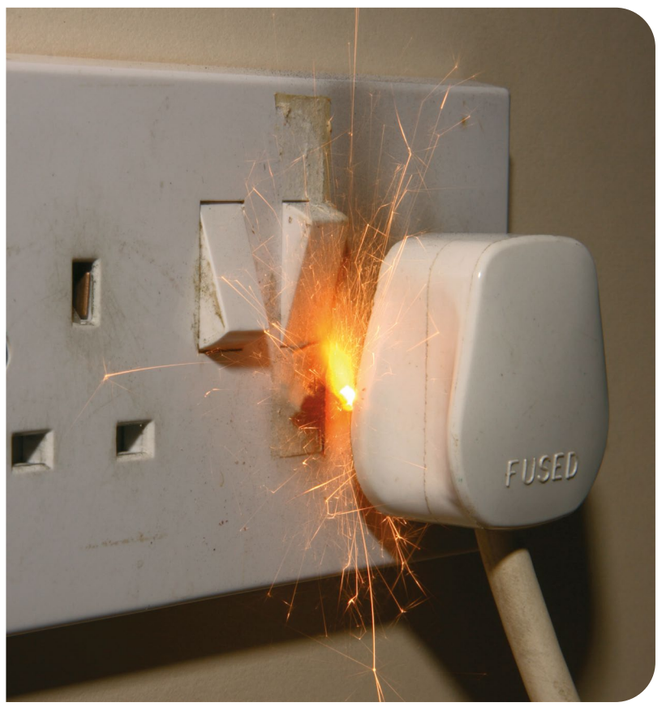
Sockets already exist throughout buildings. Ci recognised they could become a distributed network of data and intervention points at the source of electrical risk.

By embedding prevention technology directly at the point of use, unsafe conditions can be identified where devices are plugged in — helping detect risk before a fire can start.

This approach transforms the socket from a simple power outlet into an active layer of intelligent fire and building safety.

Join our mission to stop electrical fires for good





The Grenfell Tower fire was triggered by an electrical fault in a fridge freezer

THE PROBLEMS WE'RE SOLVING

Modern buildings and infrastructure face growing safety, operational, and sustainability challenges

Many of these issues develop silently over time, often without visibility until serious consequences occur. Traditional safety systems are typically designed to respond after danger becomes visible, rather than helping to identify and prevent problems earlier.

Electrical fires

Current fire safety systems are designed to react — not prevent.

High-rise building, fire-fighting and evacuation strategy

In high-rise buildings, evacuation is complex and firefighters often operate without clear visibility of conditions or where people are.

Electrical fire deaths

Too many lives are still lost to preventable fires.

Property damage

Water leaks, fire and explosion are leading causes of property damage and insurance claims.

Faulty electrical appliances

Faulty white goods are a major cause of house fires worldwide, yet manufacturers have no way to monitor appliances or identify emerging faults before failure occurs.

Energy / carbon

Consumers have limited insight and control over how individual devices consume energy.

THE CAUSES OF ELECTRICAL FIRES

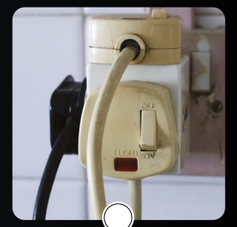
Most electrical fires begin with hidden faults inside everyday devices

Electrical fires are one of the leading causes of building fires worldwide. Many begin long before smoke or flame appears, yet most safety systems only react once it's too late.

Sub-standard or cheaply made electrical goods.

Loose connections or components within a socket or device.

Old or worn electrical appliances.



Overloaded sockets and extension leads.

Where intelligence meets prevention

Ci Safe transforms buildings from passive structures into intelligent protectors — continuously monitoring for hidden risks, acting in real time, and helping prevent danger before it escalates.

Ci SAFE

ONE CONNECTED BUILDING SAFETY SYSTEM. FOUR INTELLIGENT LAYERS

From the socket to the command centre, Ci Safe connects intelligent hardware, software, and AI-driven data into one prevention-first ecosystem.

Prevention-first building safety

from socket to skyline to smart city

Ci Safe is an intelligent, embedded safety system — using cloud AI and Intelligent Autonomy (IA) — that detects danger early and acts instantly, even offline.

Electrical Fire Prevention

- Detects overheating, arcing, and overloads at the socket
- Cuts power instantly to stop ignition
- Prevents fires before smoke, flame, or chaos begin

Water & Gas Leak Prevention

- Detects leaks early through integrated and external sensors
- Automatically closes valves to prevent flooding or explosion
- Allows remote shut-off during emergencies

Mould & Damp Risk Detection

- Identifies early mould-risk conditions from humidity, airflow, and temperature
- Alerts early — long before structural or health risks emerge
- Protects residents, compliance, and asset value

Command & Control

- Real-time visibility and navigation for emergency crews
- SafeMap: live 3D digital twin showing risks, heat data, and safe routes
- PathFinder: laser-guided evacuation paths visible even in dense smoke
- Faster, safer decisions for building teams and fire crews when every second counts

Ci Safe Intelligent building safety system

Ci Sockets

The future of safer, smarter, more sustainable buildings

Ci Sockets combine fire prevention, intelligent automation, energy management, and connected-home integration in one embedded system.

Prevent electrical fires

Create smarter buildings & homes

Manage energy use

MORE THAN A SMART SOCKET

Ci Sockets are designed not just to control power, but to stop electrical fires before they start

- Prevents electrical fires and overloads
- Advanced smart features and energy management tools

Unlike standard sockets or conventional smart sockets, Ci Sockets continuously monitor for hidden signs of electrical risk — including overheating, arcing, overloads, and electrical faults.

Built around patented Ci ThermalVision technology, they can act instantly at source, automatically cutting power to stop electrical fires before they start.

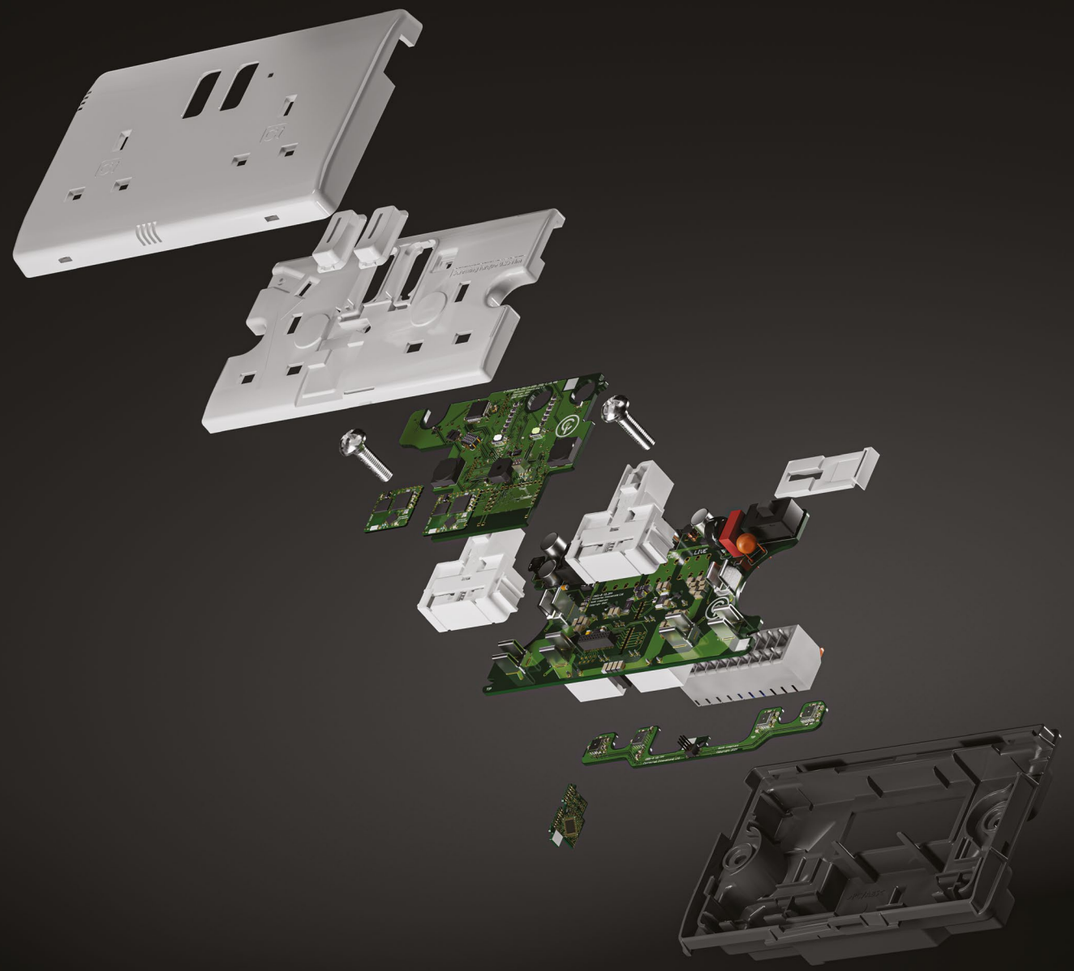
Ci compared to other sockets

Standard domestic socket

- Will not stop electrical fires or overloads
- No smart features

Typical smart socket

- Will not stop electrical fires or overloads
- Smart control of power on/off



Ci ThermalVision™

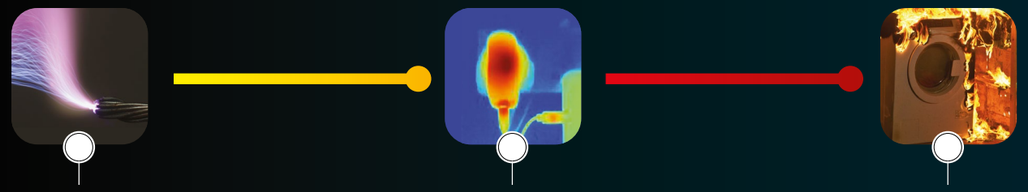
Patented fire prevention technology designed to detect electrical risk before ignition can occur

Ci ThermalVision combines advanced thermal sensing with continuous monitoring of electrical behaviour to detect developing faults and abnormal conditions. Embedded within Ci's intelligent electrical protection products, it enables autonomous intervention and connected alerts as part of the wider Ci Safe system.

Ci THERMALVISION

STOPPING ELECTRICAL FIRES BEFORE THEY START

How electrical fires start

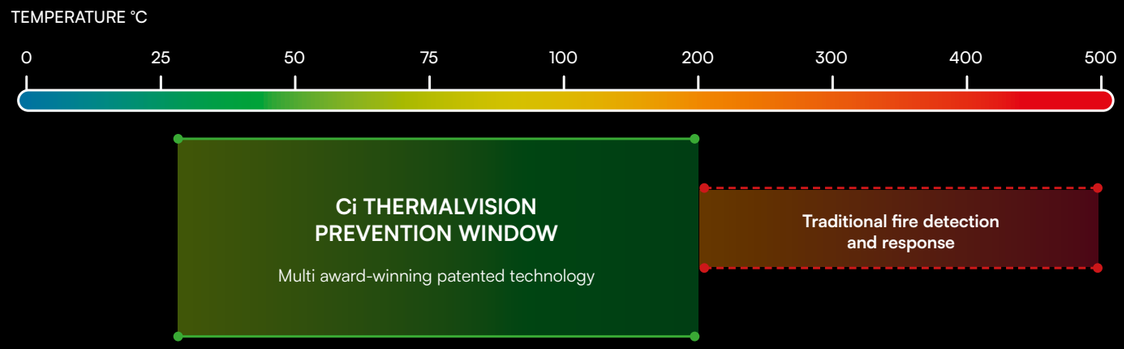


Loose connections in wires and inside devices cause arcing

This creates heat. If undetected, the temperature rises, melting wiring and components within the device

The heat builds sufficiently to ignite, and fire occurs

The Ci ThermalVision prevention window



Ci ThermalVision acts in three steps:

DETECTS

PREVENTS

COMMUNICATES

THE WORLD'S SAFEST AND SMARTEST SOCKET

One socket. Multiple layers of protection

FIRE-PREVENTING THERMAL DETECTION

Detects heat build-up inside the plug of any connected device and shuts it down before it becomes a fire risk.

CURRENT OVERLOAD PREVENTION

Prevents socket overload by allowing custom current limits to be set, with built-in arc detection and cable monitoring for added protection.

ENERGY MANAGEMENT

See where power is going. Use AI to monitor usage, spot the biggest energy drains, and cut waste by powering down standby devices.

REAL-TIME LOCATION SYSTEM (RTLS)

Provides accurate indoor positioning of people and equipment, supporting visibility and coordination in complex environments — such as locating firefighters in low-visibility conditions.

PAT TEST MONITORING

Enforces compliance by restricting power to sockets overdue for PAT testing — helping reduce risk and liability.

NFC 'TAP & GO' POWER

Ideal for shared and public spaces. Secure NFC activation gives controlled, on-demand access to electricity — with optional pay-per-use functionality.

ONBOARD SENSORS

Integrated sensors detect smoke, gas and seismic activity, providing early advisory warning of potential hazards.

ASSET TRACKING

Track what is plugged in, where and for how long - across your entire network of Ci sockets.

TAMPER PROTECTION

Receive a notification if the Ci device is tampered with.

SOUND ANALYSER

Detects critical incident sounds like smoke and CO alarms or breaking glass, whilst ensuring privacy with real-time, non-intrusive audio analysis.

EXCESSIVE HEAT DETECTION

Identifies abnormal ambient temperature changes, linked to both electrical and non-electrical fire risk.

VITAL SIGN MONITORING

Detects breathing and heart rate using radar technology, providing advisory insight into possible signs of distress.

PRESENCE DETECTION

Uses radar technology to detect and track one or multiple people, providing real-time insight into presence and movement.

Learn about our auto-dimming indicator LEDs

WHITE
Socket OFF

GREEN
Socket ON

YELLOW
Overcurrent & thermal overload warning

RED
Smoke & gas alert

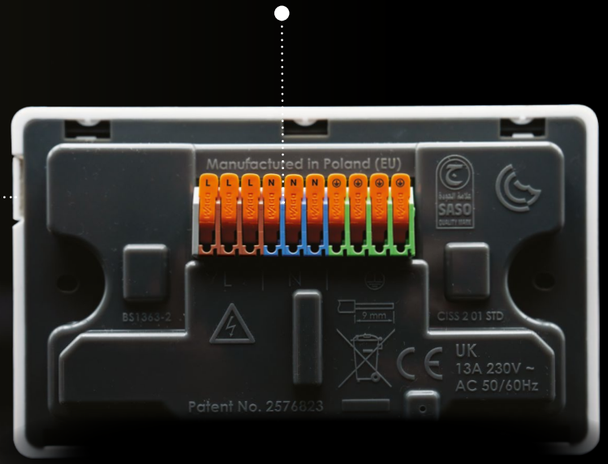
BLUE
Water leak detected

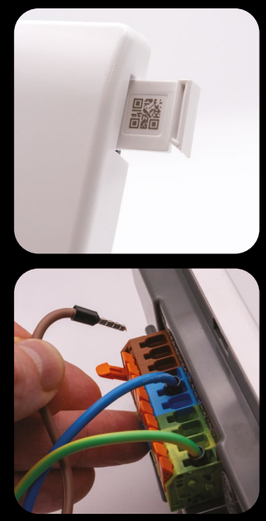
PURPLE
Sound incident detected

External isolation switch to conduct continuity testing without having to remove the socket from the wall.

Rapid WAGO snap-in cable connectors eliminate loose connections, a key cause of electrical overheating.

Colour coded for easy identification of Live (brown), Neutral (blue) and Earth (green) terminals.





Designed for future compatibility with Matter, Wi-Fi or Thread, and leading smart home platforms.

All Ci sockets are certified to BS1363.

This is not a lifestyle product, it is life-saving technology

Ci ONE & Ci MAX

Built for different environments. Engineered around the same prevention-first technology

Both Ci One and Ci Max are built around Ci ThermalVision fire prevention technology — continuously monitoring electrical behaviour to help stop electrical fires before they start.

Ci Max extends protection even further with advanced environmental sensing, gas detection, sound analysis, NFC capability, and wider building intelligence features designed for more complex residential, commercial, and public environments.

Bespoke luxury faceplates available in a range of premium finishes.

Ci ONE & Ci MAX

FEATURE SET COMPARISON

Feature	Ci One	Ci Max
Fire-preventing thermal detection	✓	✓
Current overload prevention	✓	✓
Arcing & ring main fault detection	✓	✓
Integrated alarm sounder	✓	✓
Future Matter smart home compatibility	✓	✓
App control & automation	✓	✓
Energy management	✓	✓
Excessive heat detection	✓	✓
Tamper protection	✓	✓
Interchangeable faceplates in various finishes	✓	✓
External isolation switch	✓	✓
Asset tracking	—	✓
PAT test monitoring	—	✓
Sound analyser	—	✓
NFC ‘tap-and-go’ power	—	✓
Smoke detection*	—	✓
Carbon monoxide detection*	—	✓
Natural gas / LPG detection*	—	✓
Vibration / earthquake detection	—	✓
Water leak detection — optional	—	✓
Vital sign monitoring / presence detection — optional	—	✓
Real-time location system (RTLS) — optional	—	✓

* Advisory monitoring features only. Not intended as a replacement for certified life safety systems.

ANY BUILDING. ANYWHERE. ANY TIME

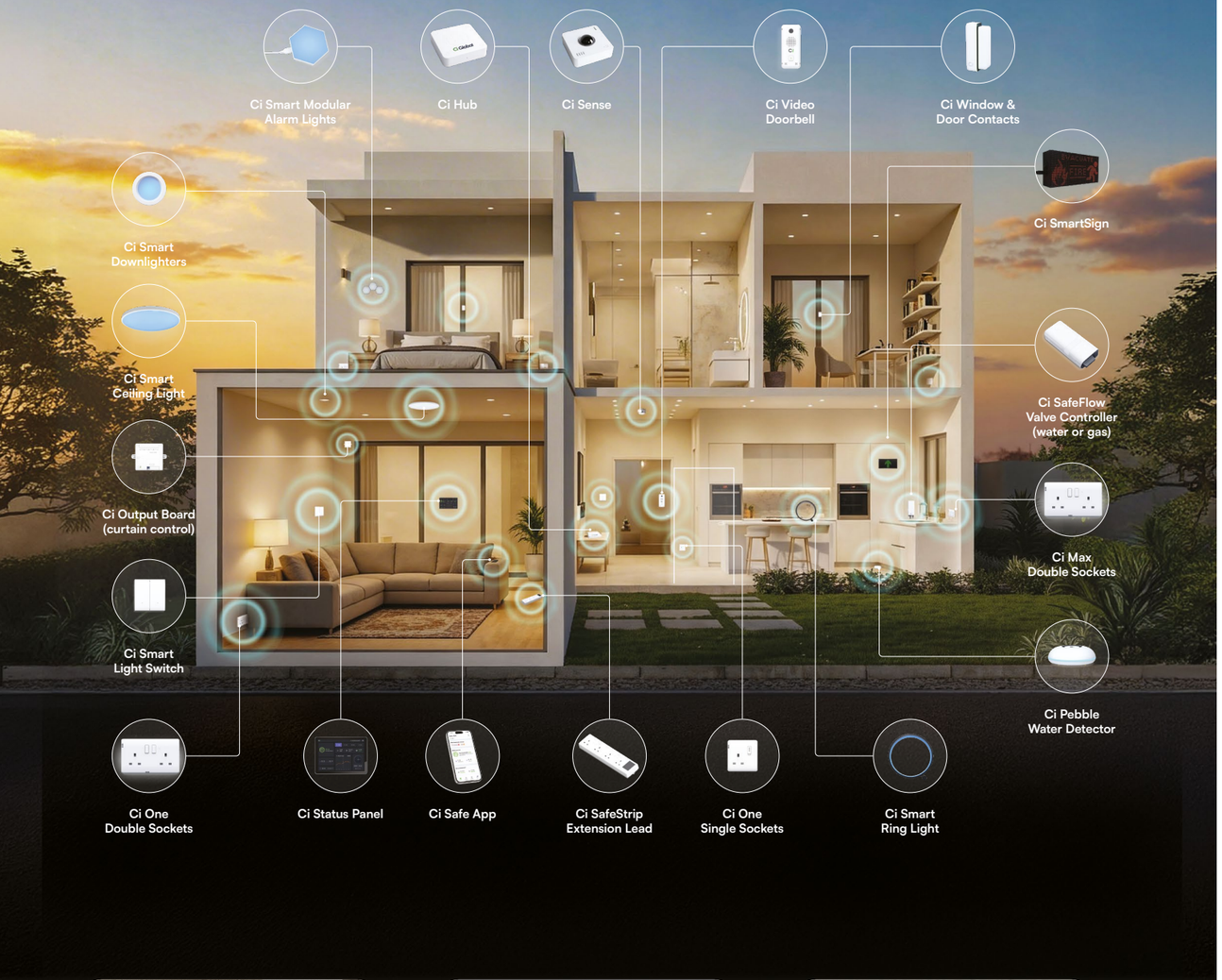
Wherever people live, work and gather — there are sockets

Ci Safe transforms these everyday points of power into a connected layer of intelligent fire and building safety — helping detect and prevent electrical fires and other building risks across homes, workplaces, public spaces, and critical infrastructure.

PROTECTING PEOPLE EVERYWHERE

Ci Safe Home

More than just smart. Built to protect




Ci Video Doorbell


Ci Sense Environmental Sensor


Ci Smart Light Switch

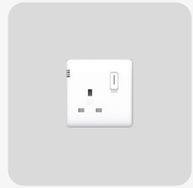
PRODUCT ECOSYSTEM

All the comfort and convenience of a smart home — with protection built in.

From intelligent sockets that prevent electrical fires, to leak detection with automatic shut-off, to whole-home alerts and connected controls — every part works together to keep things safe and under control.

Ci Protect


Ci One & Max Double Sockets


Ci One Single Socket

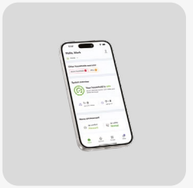

Ci SafeStrip Extension Lead


Ci Sense Environmental Sensor


Ci Pebble Water Detector


Ci SafeFlow Valve Controller (water or gas)

Ci Connect


Ci Safe App


Ci Status Panel


Ci Hub

Ci Smart

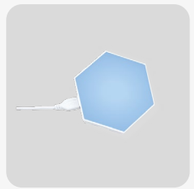

Ci Video Doorbell


Ci Window & Door Contacts


Ci Output Board (curtain control)

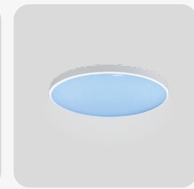

Ci Smart Light Switch


Ci SmartSign


Ci Smart Modular Alarm Light


Ci Smart Ring Light


Ci Smart Downlighter


Ci Smart Ceiling Light

Ci SAFE HOME

ONE CONNECTED SAFETY ECOSYSTEM

A growing range of intelligent devices designed to help detect risk, prevent incidents, and extend visibility across homes, buildings, and infrastructure. Each device is designed to work together as part of a wider prevention-first safety system.

Ci SafeStrip Extension Lead

Intelligent current overload protection with total accumulative current display. Available in 3 or 4 gang and with USB-A and USB-C combinations.

- Fire preventing thermal detection
- Current overload detection
- Arcing and ring main fault detection
- Excessive heat detection
- Light level detection (auto-dimming LED switches)
- Individual power consumption monitoring
- Water detection
- Total accumulative current display
- External sound analyser
- Surge protection
- Alarm sounder
- RGB LED status
- Control and configure in the Ci Safe App

Ci Pebble

Water detector

- Water detection
- Positioning sensor
- Battery powered
- Alarm sounder
- RGB LED status
- Control and configure in the Ci Safe App

Ci SafeFlow

Water or gas valve controller

- Open/close automatic valve
- Internal/external temperature and humidity sensor
- Natural gas/LPG sensor
- Carbon dioxide sensor
- Smoke sensor
- Battery backup (1hr)
- Alarm sounder
- RGB LED status
- Control and configure in the Ci Safe App

All devices designed for future compatibility with Matter, Wi-Fi or Thread, and leading smart home platforms.

Ci One Single

Single socket variant

- Fire preventing thermal detection
- Current overload detection
- Arcing and ring main fault detection
- Excessive heat detection
- Light level detection (auto-dimming LED switches)
- Alarm sounder
- RGB LED status
- Control and configure in the Ci Safe App

Ci SafePlug

Plug-in adaptor for protecting devices whilst on the move

- Fire preventing thermal detection
- Current overload detection
- Arcing and ring main fault detection
- Excessive heat detection
- Light level detection (auto-dimming LED switches)
- Carbon dioxide sensor
- Smoke sensor
- Natural gas/LPG sensor
- Carbon monoxide sensor
- NFC detection
- External sound analyser
- Human presence detection (radar)
- Alarm sounder/speaker
- RGB LED status
- Control and configure in the Ci Safe App

Ci Sense

Environmental ceiling sensor

- 360° fire preventing thermal detection
- Smoke detection with automatic Oud smoke isolation
- Internal/external temperature and humidity sensor
- Carbon dioxide/air quality sensor
- Human presence detection (radar)
- Alarm sounder/speaker
- RGB LED status
- Control and configure in the Ci Safe App

INTELLIGENT CONTROL

Apps and tools for monitoring, alerts, automation, and remote management across the Ci Safe ecosystem

Ci HUB

Everything working as one system

Ci Hub is the central wireless hub linking connected devices, sensors, and controls across homes and buildings into one coordinated system.

Ci SAFEVIEW

Live visibility across connected environments

Real-time status, alerts, device activity, and system monitoring from any smart device.

Ci GLOBALVIEW

Command-level visibility and coordination

A live cloud-and-edge dashboard designed to provide building managers and emergency services with real-time insights, alerts, and operational awareness across connected environments.

Ci SAFE APP

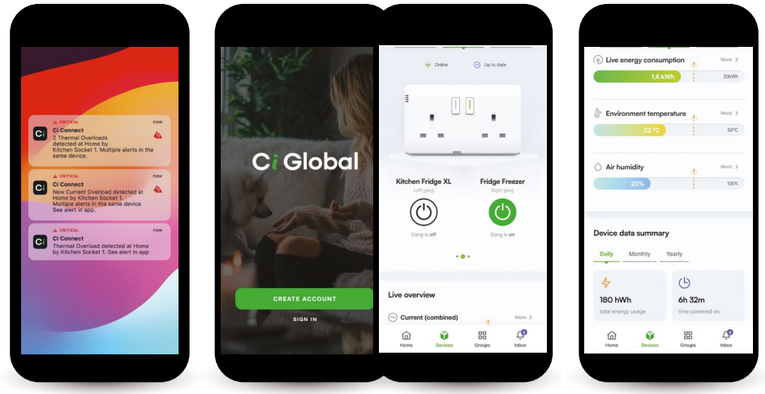
Stay connected. Stay informed. Stay in control

The Ci Safe app connects users to the wider Ci ecosystem — providing live monitoring, alerts, device control, automation, and energy insights through a single app.

The system continuously gathers operational and energy data from connected sockets and devices. AI-powered insights help identify unusual behaviour, reduce unnecessary energy usage, and alert users when potential risks are detected.

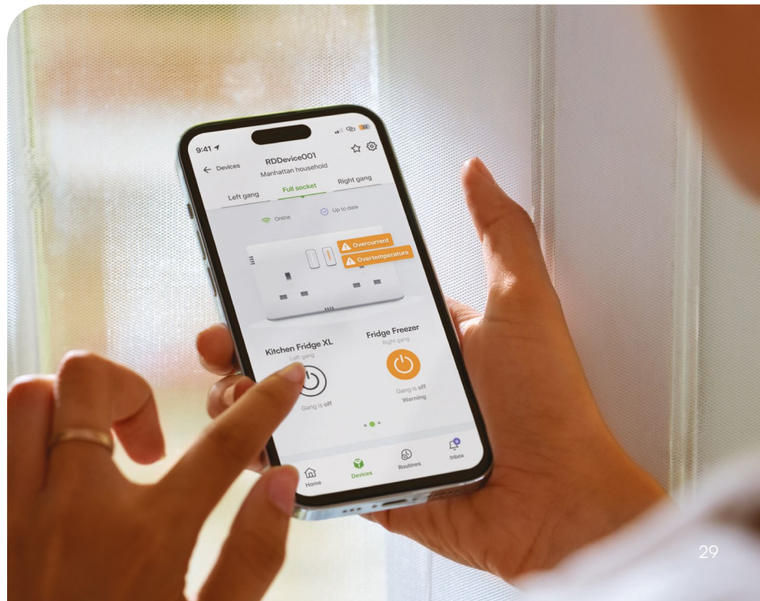
Users can monitor and control individual sockets or grouped devices, create schedules and routines, activate custom modes, and receive intelligent alerts based on live activity and usage patterns.

Designed to be integrated with Matter-compatible smart home systems, the platform supports smarter energy management, connected living, and prevention-first safety monitoring across homes and buildings.



Features include:

- View system status
- Manage all devices from the app
- Organise devices into groups
- One-touch 'Eco' and 'Night' modes
- Create multiple locations within a single account
- Turn sockets on/off
- Receive alerts, notifications and recommendations
- Detailed reporting
- Set routines and schedules
- Customise user defined functions
- Landlord specific add-ons
- Accessibility features



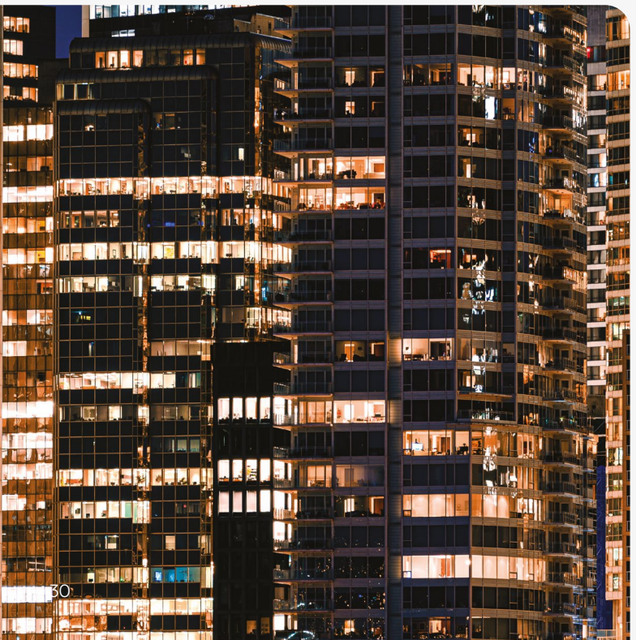
ADVANCED ENERGY MANAGEMENT

Smarter visibility and control over energy use

As reliance on electricity continues to grow and energy costs continue to rise, the Ci Safe app provides greater visibility and control over energy use across connected sockets and devices.

Through the app, users can monitor live energy data, identify unusual or unnecessary power consumption, configure energy-saving modes, and manage connected devices more efficiently — helping reduce waste, lower costs, and support smarter, safer buildings.

- 24/7 monitoring of individual socket and device power usage across the Ci Safe system.
- Manage connected devices manually or automatically through the Ci Safe app.
- Identifies devices using unusually high or abnormal amounts of electricity.
- AI learning makes assumptions based on behaviour over time, offering money saving recommendations to the user.



TAP-AND-GO POWER

Controlled access to power, charging, and connected services

Ci Sockets can provide secure, controlled access to power across public and commercial environments.

Using NFC-enabled tap-and-go functionality, operators can manage who can access power, when it can be used, and how devices are monitored — improving safety, visibility, and operational control.

Optional pay-as-you-go functionality also allows operators to support usage-based access and charging models where required.

TAP AND GO

Users can tap their smartphone on the Ci socket to access power. Optional pay-as-you-go functionality can also be enabled using Apple Pay, Google Pay, NFC cards, or authorised user credentials.

CONTROLLED POWER ACCESS

Manage who can access power, when it can be used, and how connected devices are monitored across public and commercial environments.

SEAMLESS APP INTEGRATION

An open API allows the Ci app to be embedded into third-party customer apps for smooth, branded experiences.

USER ACCESS CARDS

Pre-configured access cards can be used to enable secure, controlled power access for authorised users in shared or public spaces.

BUSINESS ACCESS CARDS

Provide employees, contractors, guests, or approved users with managed access to power and connected services across buildings and facilities.

QUICK ACCESS CHARGING

If a device battery is flat, the Ci Socket can provide temporary access to power so users can activate charging and continue using the service.

DATA TO DECISION

Harnessing the power of critical information to make faster, safer decisions

INTELLIGENT DIGITAL FOUNDATIONS, BUILT FROM THE DEVICE UP

The Ci Safe digital ecosystem is built on a network of intelligent sockets and supporting devices that continuously monitor electrical faults, gas leaks, water leaks, electrical overloading, overheating appliances, critical sounds, abnormal device behaviour, temperature, and energy use.

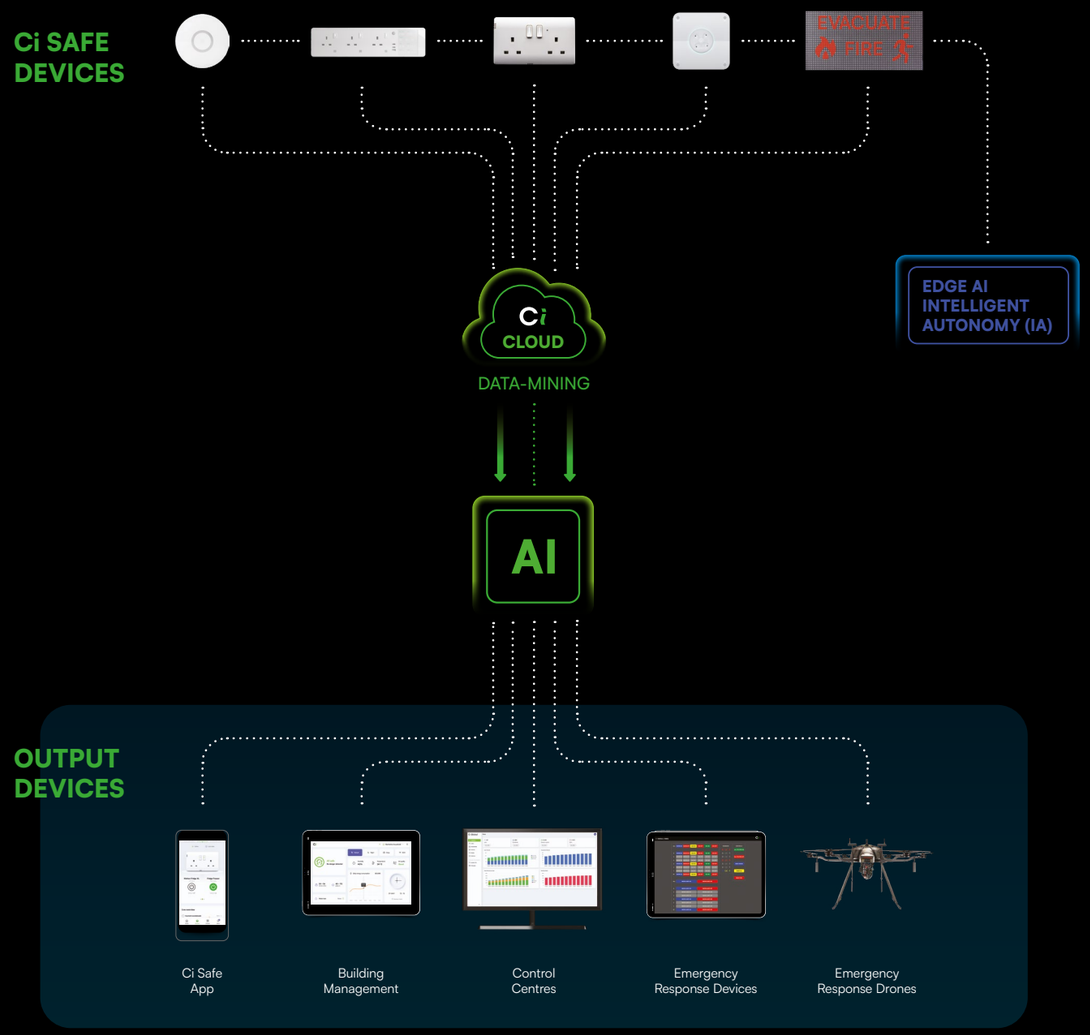
This data is sent to the cloud and accessed through the Ci Safe app. Or integrated with building management systems and tools such as emergency response dashboards — to deliver real-time alerts, analytics and insights.

This creates a smart, responsive safety network that strengthens fire prevention across homes, medium and high-rise buildings, businesses, and cities — without the need for a full system overhaul.

ALWAYS CONNECTED, ALWAYS LEARNING

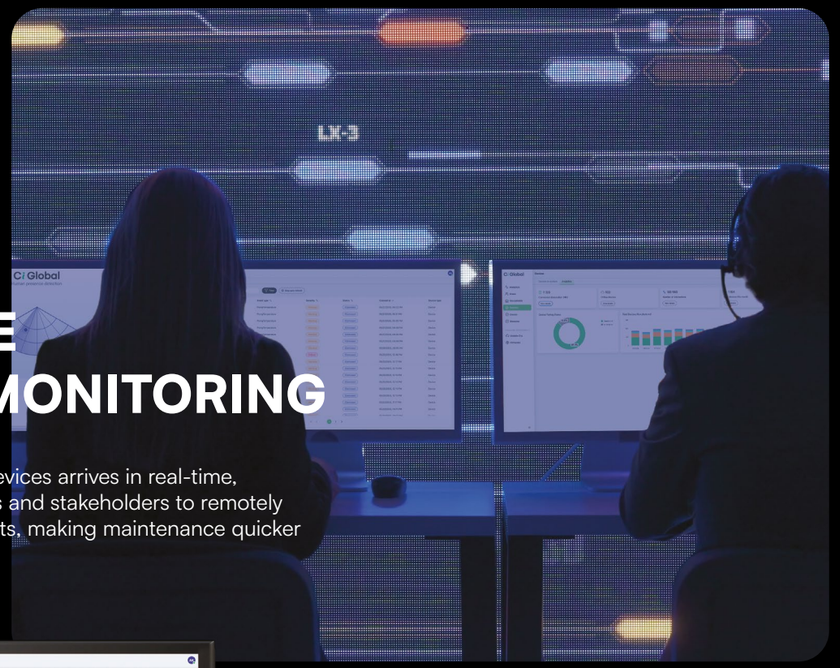
With the use of both rule-based and adaptive AI algorithms, collected data is interpreted to identify patterns, spot early signs of danger, and learn how risks evolve over time. Historical data is stored to reveal long-term performance and risk trends — generating predictions that help prevent incidents before they happen.

REAL-TIME INTELLIGENT DATA FLOW



REAL-TIME REMOTE MONITORING

Information from Ci Safe devices arrives in real-time, allowing building managers and stakeholders to remotely monitor their property assets, making maintenance quicker and more efficient.



INTELLIGENT AUTONOMY AT THE EDGE

Ci Safe systems combine connected AI with intelligent autonomy (IA) — allowing them to act immediately.

IA requires local edge processing that can detect danger and take action at local socket level.

Devices communicate with each other through a robust self-healing network. The system can autonomously shut down electricity, close water or gas valves, and trigger alerts — instantly and independently.

DESIGNED FOR SCALE AND INTEGRATION

Ci Safe's digital infrastructure is designed to scale across homes, businesses, and cities — gathering operational and safety data from a network of millions of connected devices.

This data can also integrate with existing systems and data flows, enabling Ci devices to work seamlessly alongside and enhance other fire safety systems.

MORE THAN JUST HARDWARE

Surrounding this data is a suite of services — from compliance management and maintenance scheduling to risk analytics and insurer-ready reporting.

This isn't just artificial intelligence. It's a fully intelligent building safety ecosystem — combining AI in the cloud with IA at the edge to deliver real prevention, protection, and peace of mind at scale.

PROTECTING BUILDINGS EVERYWHERE

SAFETY THAT COMMUNICATES

A resilient wireless mesh network that connects Ci devices, sensors, alerts, apps, and building systems into one coordinated safety system

Ci devices communicate continuously across a self-healing wireless mesh network, helping information, alerts, and system updates flow reliably between devices, users, emergency services, and building management systems.
This enables scalable, coordinated safety across residential, commercial, and industrial environments, and wider infrastructure.

COMMAND & CONTROL

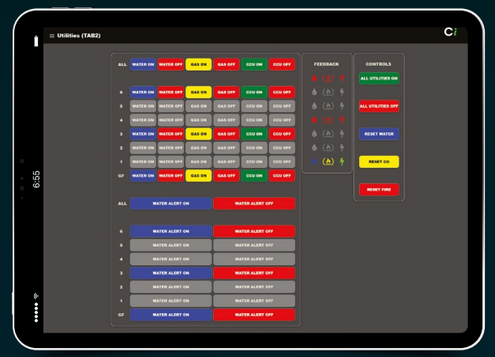
Giving first-responders life-saving tools for when every second counts

TOTAL BUILDING AWARENESS

Ci SafeMap: Fire prevention and evacuation platform combining AI-powered monitoring, data analysis, and emergency response tools for first responders.

Designed for medium-rise, high-rise, and commercial buildings, it provides critical information to support faster, safer decision-making. This includes locating and communicating with occupants, and remotely controlling utilities — all while reducing risk to emergency crews.

REAL-TIME 2D & 3D MAPPING



UTILITY & COMMUNICATION CONTROLS

FROM ROOFTOP TO RESPONSE

Ci Drone: Live rooftop inspection at the speed of emergency.

When a fire or critical incident strikes a high-rise, every second counts. And visibility can mean the difference between confusion and control.

Ci Drone is a rooftop-mounted, semi-autonomous inspection drone that activates the moment danger is detected — giving fire crews and emergency responders a live 4K video aerial view of the situation within seconds. No guesswork. No delay.

Streamed directly into Ci SafeMap or Ci RemoteView AR headsets, this live feed helps pinpoint the source, spread, and severity of an incident — so responders know exactly what they're dealing with before they step inside.

Key features:

- Autonomous take-off triggered by emergency detection
- Rooftop-mounted, weather-resistant dock with continuous charging
- Integrated with Ci SafeMap and RemoteView headsets
- 4K video streaming with thermal and night vision
- High-powered LED floodlight for low-visibility or night-time operation
- Two-way audio: listen in or communicate with responders or those trapped

LOCATING PEOPLE, EVEN IN LOW VISIBILITY

Radar-based human detection embedded within Ci Sockets

Designed with first responders in mind, this technology uses radar-based sensing to detect human presence, movement, breathing, and signs of life in smoke-filled or low-visibility environments.

By helping emergency crews locate unconscious, trapped, or vulnerable occupants faster — while also supporting the real-time positioning and triangulation of firefighters within buildings — the system can support safer and more effective rescue operations when visibility is critically reduced.

VITAL SIGN MONITORING

HUMAN PRESENCE DETECTION

SEE THE DANGER. FROM ANYWHERE

Ci RemoteView: Augmented Reality (AR) headset displays for first responders.

Combining the power of Apple Vision Pro headsets and Unity 3D to place firefighters remotely inside buildings, in real-time, to take control of serious incidents and evacuations.

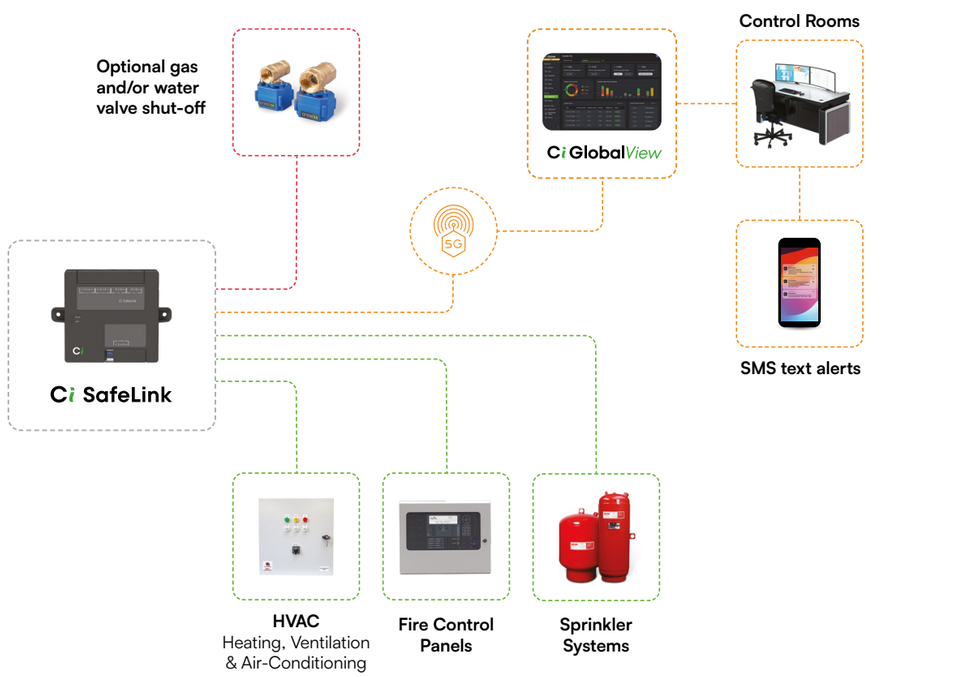
Ci PathFinder Laser: Directional guidance system

A guiding light in the toughest situations. Projects clear visual indicators to mark safe and hazardous paths through smoke and fire-filled environments.

INTEGRATION WITH EXISTING SAFETY SYSTEMS

Ci SafeLink

Ci SafeLink is an interface board that connects the Ci Safe system with existing third-party building technologies — including HVAC, fire panels, sprinklers, utilities, and control systems — helping alerts, monitoring, and emergency response work together more effectively during critical situations, without the need to replace what's already in place.



MONITORING

PROTECTING CRITICAL INFRASTRUCTURE

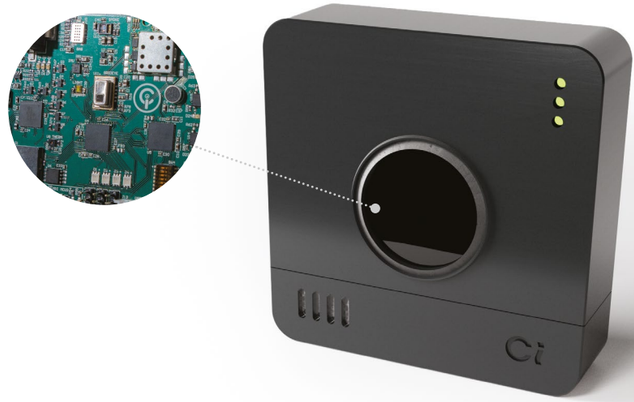
Ci DirectView

Ci DirectView is a standalone industrial monitoring unit designed for high-demand environments such as plant rooms, substations, EV charging stations, data centres, solar installations, and industrial facilities.

Installed externally to monitor critical infrastructure and electrical systems, it uses Ci ThermalVision technology to detect overheating, gas leaks, smoke, vibration, tampering, and other early signs of danger — helping identify faults before they escalate into electrical fires, failures, or wider safety incidents.

Features include:

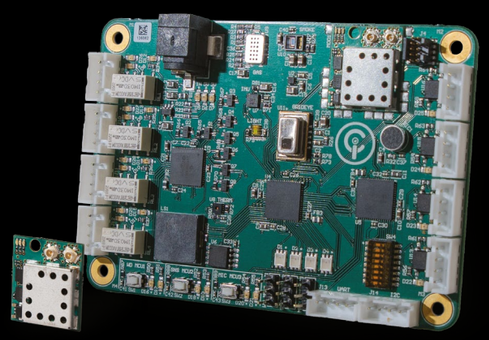
- Fire preventing thermal detection
- Current overload detection
- Arcing detection
- Smoke sensor
- Natural gas/LPG sensor
- Internal/external temperature and humidity sensor
- External sound analyser
- Building vibration/ earthquake detection
- Tamper detection/light sensor



Ci INSIDE

ENDING HOUSEHOLD APPLIANCE FIRES - AT THE SOURCE

24/7 ThermalVision™ fire prevention embedded directly into your appliances - protecting against fire, air, water, and mould at source



Ci INSIDE

Ci Inside enables manufacturers to build Ci ThermalVision technology directly into household appliances such as washing machines, tumble dryers, dishwashers, ovens, and fridge freezers.

By continuously monitoring heat, electrical behaviour, and other early warning signs inside the appliance itself, Ci Inside helps identify hidden faults before they escalate into electrical fires.

MORE THAN FIRE PREVENTION

- Remote predictive maintenance
- Real-time performance monitoring
- ‘Black box’ safety data to protect against legal liability claims and brand damage

ELECTRICAL FIRES DON’T START WITHOUT WARNING

Every year, household appliances cause fires that destroy lives and homes — not because they spontaneously combust, but because a fault develops invisibly inside.

They start from heat — building silently inside motors, wiring, and appliance loads.

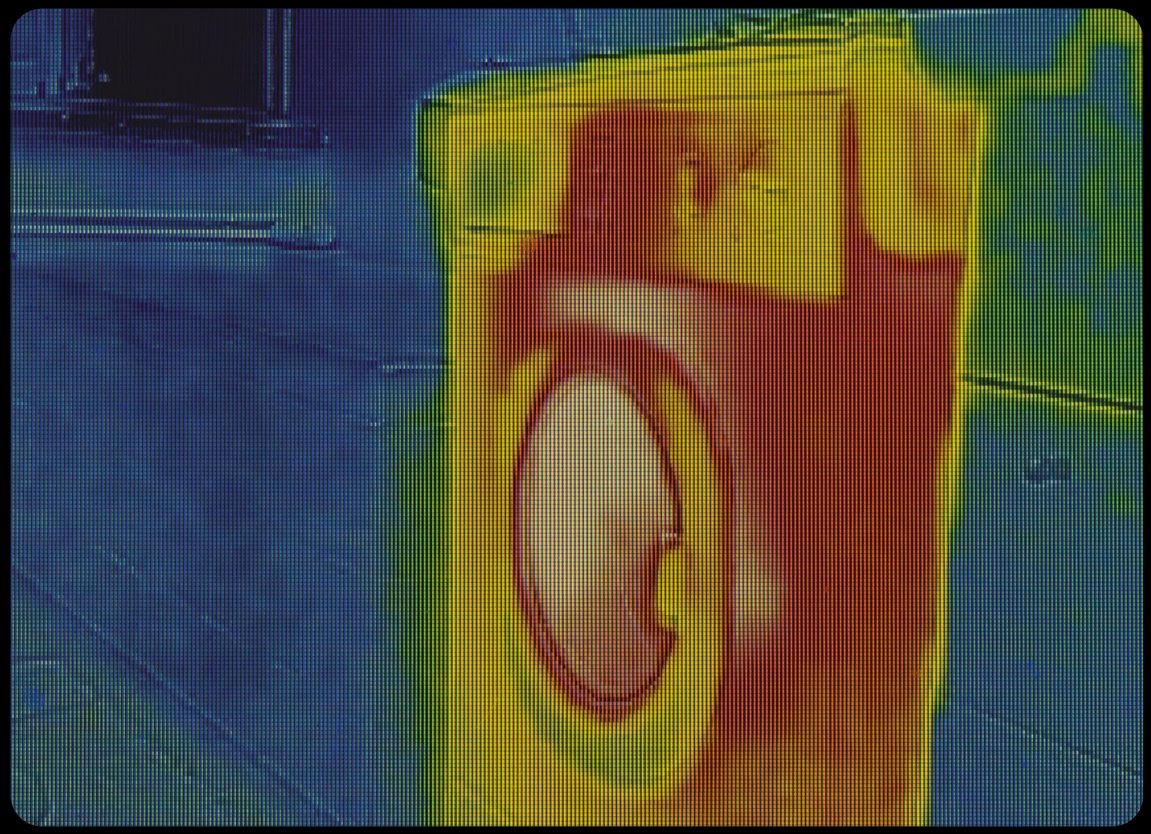
Heat builds. Then fire ignites.

Traditional detection waits for fire.
Ci Inside stops the fire before it starts.

It’s not detection. It’s intervention.

THE SCALE OF THE ISSUE:

- Over half of domestic appliance fires are linked to faulty white goods
- Recalls often come too late — after injury, damage, or loss of life
- Even new or previously fault-free appliances can develop dangerous hidden faults over time



MORE THAN FIRE PREVENTION

While Ci Inside's core function is to prevent electrical fires, it also does much more. Built-in sensors and intelligent data gathering continuously monitor appliance health, performance, and usage — unlocking predictive maintenance, real-time alerts, and cloud insights that help manufacturers protect customers, reputations, and product longevity.

PREDICTIVE MAINTENANCE

Built-in sensors monitor the health of key internal components — helping identify abnormal operation before a fault escalates.

REAL-TIME ALERTS

Users receive instant alerts via the Ci Safe app — or fully integrated within an existing manufacturer app platform.

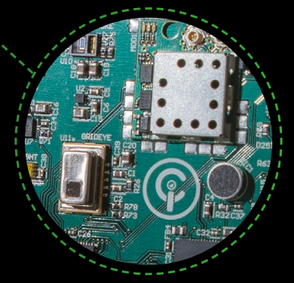
CLOUD AI + EDGE INTELLIGENCE

Ci Inside combines cloud intelligence with local Intelligent Autonomy (IA) to support ongoing safety, performance monitoring, and compliance.

BLACK BOX DATA

Ci Inside acts like a black box inside the appliance — continuously monitoring how it's performing and sending operational insights wirelessly to the cloud, creating a detailed log for manufacturers.

In the event of a household fire, this data can help determine whether an appliance was at fault — protecting brand integrity and supporting legal defence.



UK patent granted, global patents pending.

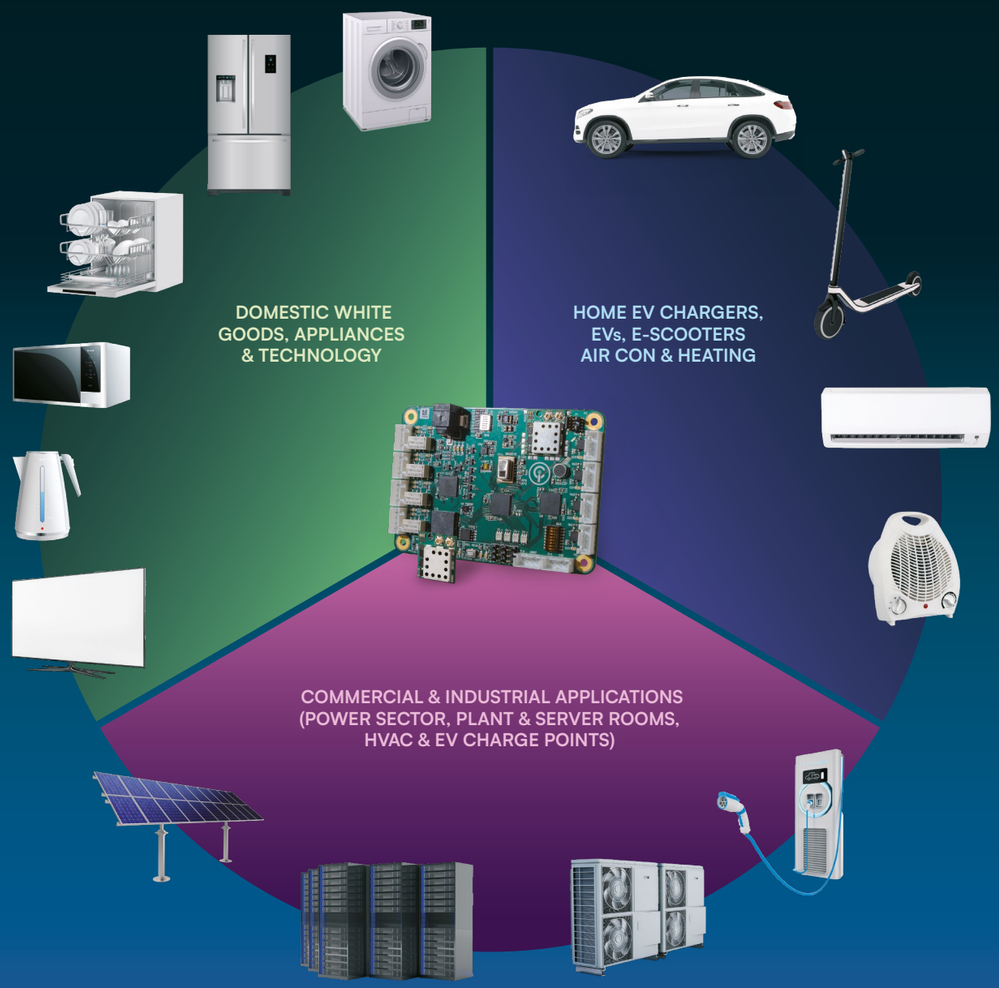
WHAT Ci INSIDE DOES

- Monitors heat inside motors, compressors, and circuits
- Detects early warning signs of thermal or electrical overload
- Cuts power to help prevent ignition
- Sends local and remote alerts via audible and visual alarms, and app notifications
- Supports predictive maintenance and real-time appliance monitoring

BUILT-IN PROTECTION THAT KEEPS LEARNING

Designed for seamless integration into electrical products across domestic, commercial, and industrial applications, Ci Inside embeds fire prevention, data monitoring, and real-time alerts directly into the products themselves — helping protect customers and support manufacturers.

WHERE Ci INSIDE CAN BE EMBEDDED



KEY PROTECTIONS INCLUDE:

- Overload and electrical stress protection — detects current surges and shuts down power before damage occurs
- Built-in thermal monitoring — detects overheating before faults escalate into electrical fires
- App-connected alerts — sends real-time notifications via the Ci Safe app or OEM-integrated platforms
- Power usage monitoring — tracks appliance behaviour and energy consumption over time

Ci INSIDE HELPS OEMS TO:

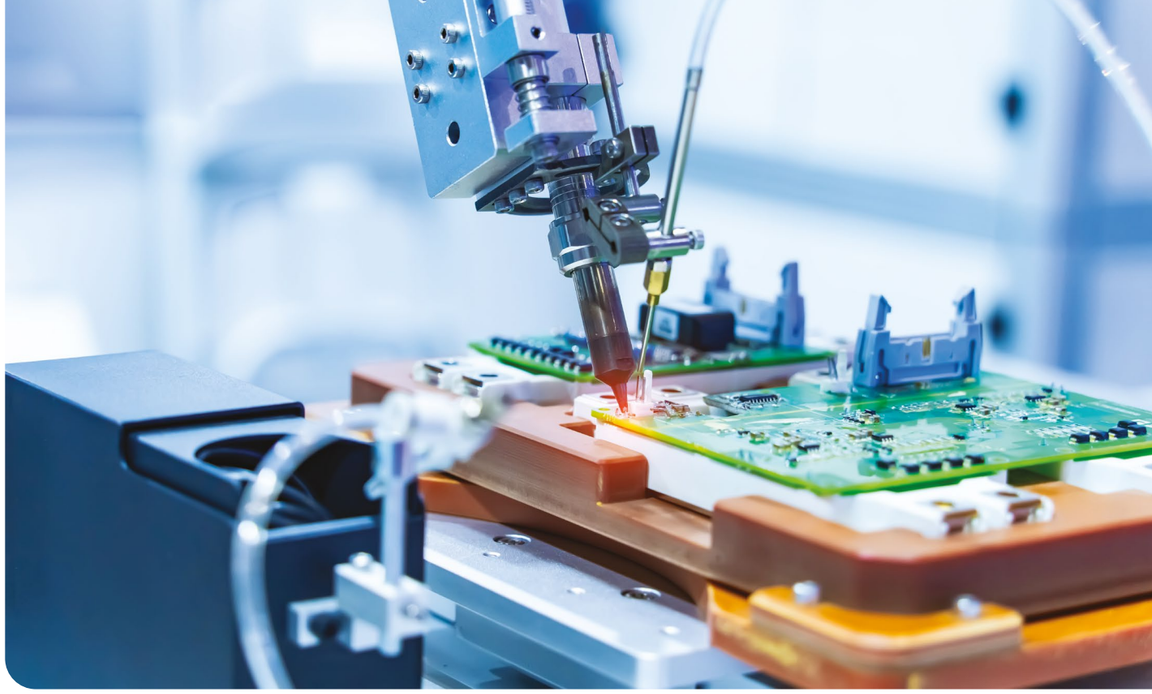
- Improve product safety and support certification requirements
- Manage recalls and product investigations more effectively
- Add built-in protection against overheating, overloads, and electrical faults
- Enable customers to track real-time energy usage at product level

DESIGNED FOR MANUFACTURERS

Ci Inside is engineered for seamless integration — whether manufacturers are developing new products or upgrading existing ones.

Product-specific technical data can be collected and uploaded to the cloud, allowing operating thresholds to be set remotely across different models and product ranges — helping make integration faster, more consistent, and easier to scale.

Ci Inside can be integrated into individual products or as part of a wider connected safety system — integrating with third-party systems and scalable across global product lines.



FLEXIBLE INTEGRATION. BUILT YOUR WAY

Whether designing new products or enhancing existing ones, Ci Inside can be integrated with ease. With multiple deployment options and full API support, manufacturers can embed safety, data, and intelligence into their products.

SYSTEM-ON-A-CHIP (SOC)

Embed directly into new PCB designs during product development.

LICENSED CIRCUIT DIAGRAM

Reproduce Ci Inside in-house for custom control and flexibility

MOBILE APP ALERTS

Data and alerts can be delivered through the Ci Safe app or fully integrated into existing customer apps using secure APIs.

RETROFIT MODULE KIT

Upgrade existing products with plug-in fire prevention and data logging

All integration options include:

- API access for use in OEM apps
- Full developer support and documentation
- Choice of Ci Safe branded or white-labelled alternatives

WHERE Ci SAFE CAN BE USED

Built-in protection across the places people live, work, travel, and gather

Ci Safe technology is designed to support a wide range of environments and applications — combining fire prevention, real-time monitoring, and intelligent protection across homes, buildings, infrastructure, and critical systems.

RESIDENTIAL & HIGH-RISE BUILDINGS

Electrical faults remain one of the leading causes of residential fires.

Ci Safe helps provide an intelligent layer of protection across homes, apartments, and high-rise buildings — detecting electrical risks before they become fires.

COMMERCIAL PROPERTY

Hotels, offices, schools, hospitals, and shopping centres all rely on safe and reliable building systems.

Ci Safe monitors electrical risk and other building dangers across busy commercial environments — helping provide greater visibility, earlier warnings, and a safer environment for occupants.

EV CHARGING INFRASTRUCTURE

Ci Safe technology detects overheating inside EV charge stations and power electronics — helping prevent thermal runaway and major battery fires.

As EV adoption increases, so does the risk of overheating within chargers and battery systems. When EV battery fires occur, they escalate fast.

By helping identify critical failures earlier, Ci Safe supports safer EV charging infrastructure and the transition to electric mobility.

DATA CENTRES & DISTRIBUTION HUBS

High-profile fires have disrupted major retail, logistics, and data operations.

Ci Safe adds an intelligent layer of protection to these mission-critical environments — working alongside existing fire and safety systems across both new and retrofit facilities.

POWER SECTOR

From nuclear to renewables, the energy sector is investing heavily in smarter and safer infrastructure.

Ci Safe technology supports SMRs (Small Modular Reactors), BESS (Battery Energy Storage Systems), offshore and onshore wind infrastructure, substations, and power distribution networks.

INSURANCE & RISK REDUCTION

Insurers are increasingly looking for smarter ways to reduce preventable losses caused by fire, electrical faults, and water damage.

Ci Safe helps provide earlier warnings, real-time monitoring, and valuable incident data — helping reduce claims, improve visibility, and support prevention-led insurance models.

LICENSING & OEM PARTNERSHIPS

Ci Safe technology can be licensed and integrated into third-party electrical products and systems.

This allows manufacturers and OEM partners to embed fire prevention and real-time safety monitoring directly into their own product ranges — helping create safer, smarter, and more competitive electrical products.

RENTAL & MANAGED PROPERTIES

Student accommodation, HMOs, rental properties, and shared commercial spaces all face increased electrical risk from unpredictable device usage and high occupant turnover.

Ci Safe helps landlords and property operators monitor electrical risk, energy usage, and unsafe appliance behaviour across multi-occupancy environments.

IN THE PRESS

What leading fire, safety, and technology publications are saying about Ci Safe

"The James Bond of sockets — a device that thinks for itself to stop electrical fires before they start."

eFIXX

"These are not just smarter sockets. They're self-protecting guardians."

International Fire & Safety Journal

"Technology that can identify overheating faults and cut power before a fire starts."

Housing Today

"The future of fire and building safety won't be built on reactive alarms — it will be built on intelligent prevention."

Gulf Fire

"The next evolution may be measured by how rarely fire occurs at all."

International Fire Buyer

"The most advanced safety smart sockets of their kind, uniquely featuring thermal monitoring that detects overheating electrical faults in real time."

Modern Building Services

"Innovation that could redefine how we prevent fires in buildings."

International Fire & Safety Journal

INDUSTRY RECOGNITION

Award-winning innovation in intelligent fire and building safety

SAFETY INNOVATION AWARD WINNER 2022

IOT GLOBAL AWARD WINNER 2023

SECURITY & FIRE EXCELLENCE AWARDS WINNER 2025

INTERSEC AWARDS WINNER 2026

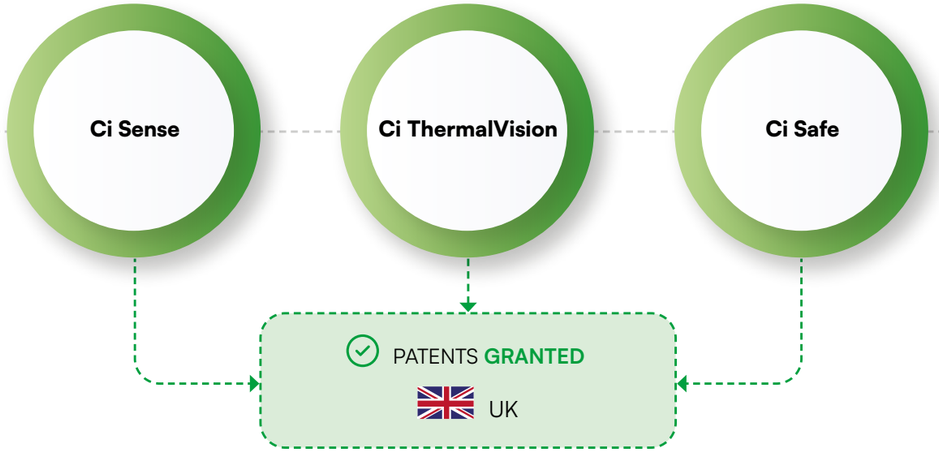
Ci Global's entry was the judges' unanimous choice of award winner. We believe the company has developed a product and system which could make a major contribution to reducing electrical fires and would be a significant safety protection measure if established in tower blocks. We developed this award to recognise businesses who put safety at the heart of their work, while incorporating sustainability and innovation, and Connected Innovations certainly ticked all the boxes.

Martyn Allen, former Technical Director at Electrical Safety First

It's a privilege to see our work recognised through multiple international awards. Each one reflects the progress we're making towards a safer, prevention-first approach to fire and building safety.

- Anthony D Parfitt
CHAIRMAN & FOUNDER

UK & WORLDWIDE PATENTS



Patent Cooperation Treaty (PCT)

PATENTS **GRANTED** | PATENTS **PENDING** (filed) | PATENTS **IMMINENT**

SAUDI ARABIA	JAPAN	SINGAPORE
UAE	NIGERIA	SWITZERLAND
BAHRAIN	INDIA	NORWAY
USA	CANADA	TURKEY
EU (Most member states*)	AUSTRALIA	OMAN
HONG KONG	MALAYSIA	QATAR
CHINA	INDONESIA	

*Member States of the European Patent Convention which also includes the United Kingdom.

Gill Jennings & Every LLP
Top-ranked for four years running in the Financial Times Awards.

Ci LEADERSHIP TEAM

Anthony D Parfitt
CHAIRMAN & CEO (FOUNDER)

NetworkRail | POLICE | Driver & Vehicle Licensing Agency | Home Office

Piotr Supinski
CHIEF TECHNICAL OFFICER

Microsoft | Azure

Michal Poterek
CHIEF HARDWARE OFFICER

T-Mobile | orange | HUAWEI

Lech Biernacki
CHIEF INFORMATION OFFICER

Alex Kilby
CHIEF CREATIVE OFFICER

Yasmine Osbourne
HEAD OF PR & MARKETING

INDUSTRY LEADERS & ADVISORS

Deloitte. — Business Advisors

Pennington Manches Cooper — Legal Services

GJE — Patent Attorneys

intertek Total Quality. Assured. — Certification & Quality Assurance

wilson partners. — Financial Services

Electrical Safety First — Electrical Safety Authority

bsi. — Certification & Standards

FPA — Fire Protection Association

Ci R&D: POLAND

Occupying three floors of the Skyres building in Rzeszów, Poland, the Ci Global Research and Development office is the home of our Hardware and Software teams, and the beating heart of Ci's technical development. With multiple, fully serviced office spaces, board and meeting rooms, and two design and testing laboratories, Ci has created the perfect environment to manage ongoing operations and nurture future innovations in line with our initiative and business goals.

Headed by CTO Piotr Supinski and Chief Hardware Officer Michal Poterek, the teams consist of highly-talented and motivated individuals, working across the full spectrum of software and hardware disciplines. From Full Stack, iOS, Android and Azure Cloud developers, to Hardware Designers and Firmware Engineers, with experience working for the likes of Microsoft and Amazon, the Ci R&D team reflects our passion and commitment to being at the forefront of technology innovation within the electrical safety sector.

Ci MANUFACTURING

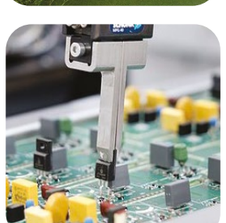
Ci is working with forward-thinking manufacturing partners who share our passion and dedication to producing top-quality, reliable and sustainability-conscious technologies for the global market.

Conveniently located close to our R&D department in Poland, these partnerships allow for seamless collaboration and innovation between our respective teams.

Fideltronik

Electronics / PCBs / Testing / Assembly

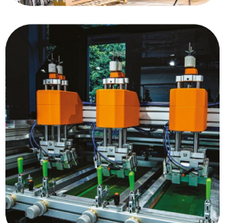
Founded in 1991, Fideltronik has grown to become a significant player in the Polish electronics industry and has expanded its operations globally.
The company is certified to ISO 9001 and ISO 14001 standards, ensuring that its operations meet the highest international quality and environmental management standards.



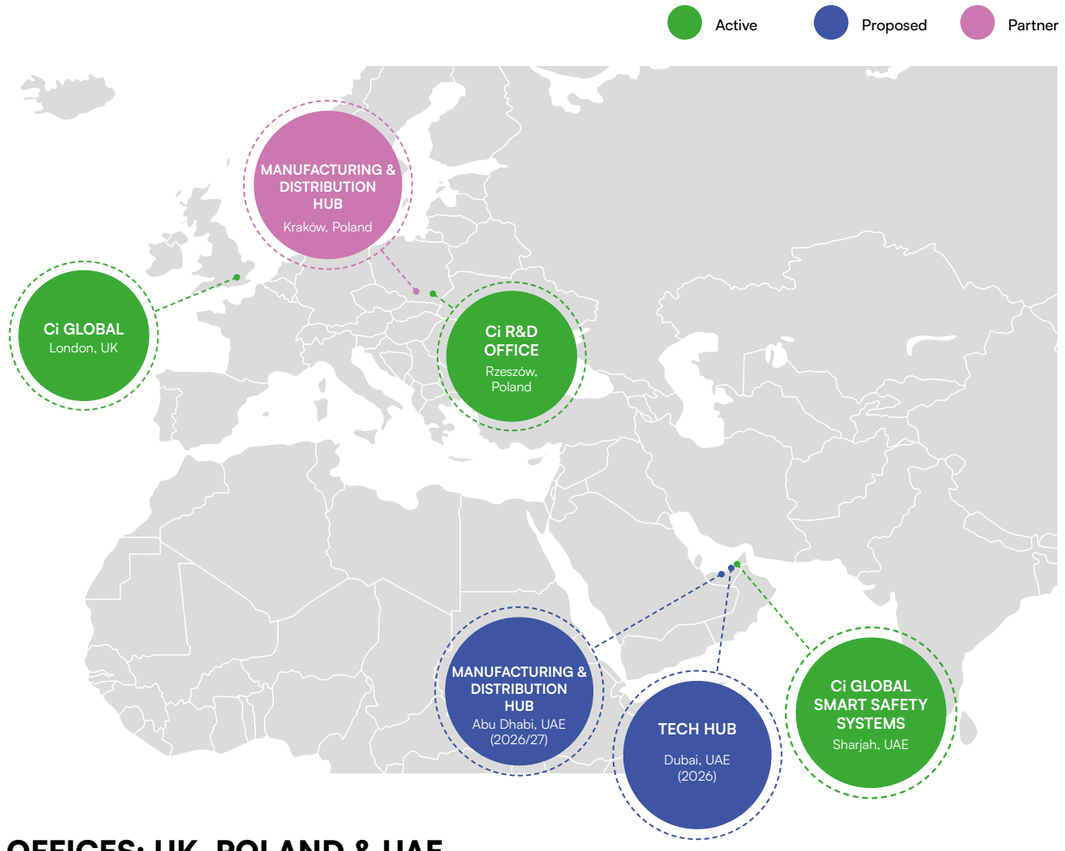
PLASTMER
Taking care about Your product development.

Plastics / Injection Moulding / Testing / Assembly

PLASTMER is a family company operating in the plastics processing industry. Founded in 1989, their mission has remained unchanged for over 30 years — technological development and the introduction of new, innovative solutions in plastics processing and aesthetic printing, with full ecological responsibility in production.



Ci Global LOCATIONS



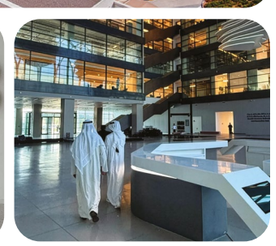
Ci OFFICES: UK, POLAND & UAE

Ci Global

Riverside Barns, Henley-on-Thames, Oxfordshire, UK

Ci Global Smart Safety Systems

Sharjah Research Technology and Innovation Park, Sharjah, UAE



Ci Global

Connected innovations for a safer world

Please contact us if you are interested in partnering with or investing in Ci Global.

Join us in building a safer, smarter, more sustainable future.

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Scan the QR code to view Ci Global content online.

ci.global

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bsi. FPA Fire Protection Association

R04/05/26