An Introduction to Hochiki Europe

Tuesday, 16 June 2015

A Brief History of Hochiki

who we are and where we began

Hochiki is distinguished by the experience and expertise of more than 90 years as one of the world's largest manufacturers and suppliers of industrial fire detection products.

Founded in **1918**, the company installed Japan's first public fire alarm in **1920** and developed the world's first **addressable** manual call point.



afety, Our Technolo

Hochiki Corporation built the largest fire test laboratory in the world at Kakuda City, Japan.



From here it manages Hochiki's extensive business interests throughout the EMEA region, Russia and the Commonwealth of Independent States, and the Indian subcontinent.



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Hochiki Around the World

where we are based



Hochiki America Corporation and Hochiki Mexico

Sales Territory: USA, Southern & Central Americas, Canada

Product Standards & Approvals: UL, FM

Hochiki Europe
Hochiki India
and
Hochiki Middle East

Sales Territory:

Europe, Africa, CIS, Middle East and Indian Subcontinent

Product Standards & Approvals:

EN54 (and UL in ME)





Sales Territory: China,

Product Standards & Approvals: CCC



Hochiki Singapore

Sales Territory:

Singapore, Malaysia, Thailand, Indonesia, Vietnam, The Philippines

Product Standards & Approvals: UL, EN54, CP10





Sales Territory: Japan, Korea and Taiwan

Product Standards & Approvals:JFEII



Hochiki Australia

Sales Territory:

Australia, New Zealand, Papua New Guinea, Fiji

Product Standards & Approvals: CSIRO



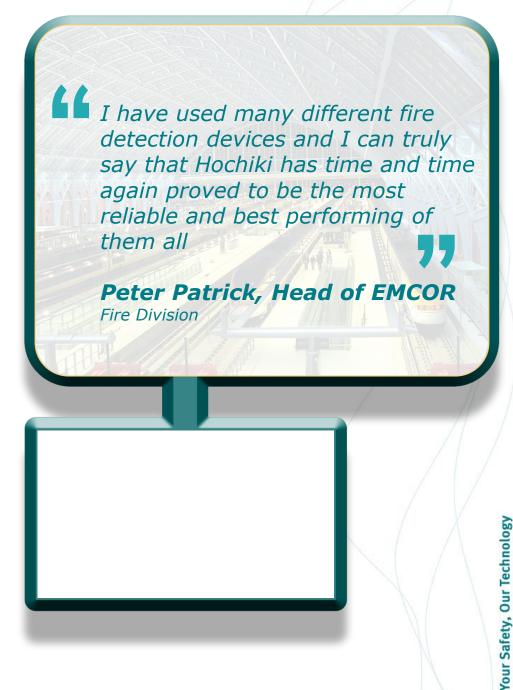
Protected by Hochiki

projects guarded by our products

St Pancras International

The stunning Eurostar terminus at St Pancras International in London bristles with the latest high-performance fire detection and alarm technology.

- Includes over 5,000 Hochiki Europe sensors and sounders protecting retail outlets and arrival and departure lounges
- Part of the London-to-Paris high speed rail link and used by over 45 million travelers every year
- One of the largest transport hubs in Europe, with 13 platforms, six of which are around one kilometre



Toshiba UK

Toshiba, one of the world's leading electronics innovators, opted for fire detection and alarm technology designed and manufactured by Hochiki Europe for the new customdesigned UK offices for Toshiba Electronics Europe.

New three-storey Delta
House in Farnborough,
Hampshire protected by
Hochiki smoke and heat
sensors, audio-visual
equipment and notification
devices



Rydges Plaza Hotel

With its striking atrium that extends the entire height of the building, the luxury Rydges Plaza four-star hotel in the city of Doha, state capital of Qatar is protected by Hochiki.

- Fire protection system centered on more than 700 Hochiki photoelectric smoke sensors
- Heat sensors protect the hotel's service areas
- The central atrium which reaches from floor level to the roof is protected by Hochiki SRA-ET reflective beam smoke detectors



Hellisheidi Geothermal Power Plant

Sensors, beam detectors and call points supplied by Hochiki Europe are protecting the Hellisheidi Geothermal Power Plant situated south of Mount Hengill in Iceland.

- 350 addressable sensors, 95 call points, 219 relay controllers and 49 beam detectors
- Hochiki devices integrated with ten two-loop fire control panels and interfaced to the plant's high-sensitivity smoke detection system
- Sensors are automatically re-calibrated every 24 hours to compensate for any environmental contamination in the plant



Norfolk & Norwich Hospital

The New Norfolk and Norwich Hospital is the UK's first large-scale single build PFI (Private Finance Initiative) hospital with a staff of 5,500, over 63 acres, treating over half a million people and is protected by Hochiki.

- 6000 addressable sensors
- 2500 Hochiki Input/Output Modules are used for monitoring and control of external equipment from the loop



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Rockliffe Hall Hotel & Spa

The £50 million project called for the complete transformation of the long-disused original 19th century Rockliffe Hall, converting the Grade II listed building into a luxury 61-bedroom hotel with 6 self-catering apartments.

- All areas protected by addressable sensors, sounders and manual call points
- FIRElink high sensitivity air sampling system used in bedrooms and areas considered to be high risk to reduce false alarms



Products by Hochiki

a brief summary of our product ranges

Hochiki HFP AP System



- Analogue Addressable Fire Alarm Control Panel Range, single and multiloop models available
- Active and passive Repeaters available
- 100% compatible with the ESP range of analogue addressable detection and audio/visual products
- Large range of panel peripherals available



Hochiki Voice Alarm System

FIREVac[®]EN

Hochiki's FIREvac EN range of voice alarm and disabled refuge equipment is designed to provide fully BS EN54-16 compliant voice alarm and communication systems, suitable for installation in a wide range of environments.

- Phased evacuation
- Multi-lingual digital messaging
- Microphone priority handling
- Induction loop
- Public information announcements
- Advertisement injection
- Background music for ambience
- Broadcast of opening/ closing times



FElink®

- A very high sensitivity smoke detection using an aspirating technique
- High sensitivity provided by laser based forward light scatter for reliable early warning
- False alarms reduced by unique dust discrimination
- Choice of one-pipe, two-pipe and four-pipe models
- Command Module variant can control a network of other FIRElinks



Hochiki Hybrid Wireless Fire Detection

FREwave

The most technically advanced and innovative hybrid fire solution available in the UK

- Bi-directional wireless communication
- Adaptive signal processing reduces of false alarms
- Fully intelligent with high reliability and sensitivity
- Makes additions to existing wired systems easy and cost effective
- Compliant with current EN54 European standards



Hochiki Approvals

- BASEEFA British Approval Service for Electrical Equipment in Flammable Atmospheres
- **LPCB** Loss Prevention Certification Board
- VdS German Association of **Property Insurers**
- GL Germanische Lloyd
- LR Lloyd's Register











ESP Range

Analogue Addressable

Sensors:

Photoelectric Smoke Heat

Multi-Sensor

Audio Visual:

Beacons

Remote Indicator

Base Sounder

Base Sounder Beacon

Wall Sounder

Wall Sounder Beacon



ESP Range

Analogue Addressable

Input/Output Modules:
 Sounder Controller
 Dual Relay Controller
 Mains Relay Controller
 Dual Input Module
 Single Zone Module

Manual Call Points:
Indoor
Weatherproof
Double-Pole
SCI



CDX Range

Conventional

Detectors:

Photoelectric Smoke

Fixed Temperature Heat

Rate of Rise Heat



Beacon

Wall Sounder

Wall Sounder Beacon



CDX Range *Conventional*

Intrinsically Safe:
Photoelectric Smoke
Rate of Rise Heat
Manual Call Point
Barriers
Flame Detector

Marine Approved:
Photoelectric Smoke
Rate of Rise Heat
Bulkhead Back Box



More About Hochiki Europe

a closer look at our European operation

Hochiki Europe *Manufacturing*

Hochiki Europe has completed the first phase of a major investment programme that has seen an increase in the production of essential PCBs (printed circuit boards).

- New SMT (Surface Mount Technology) line has doubled output to 40,000 components an hour
- Hochiki has commissioned two new cutting-edge SMT placement machines for the high-speed, highprecision placing of surface-mount devices





Hochiki Europe Product Training

Hochiki Europe has invested in a state-of-the-art Training Room at the Gillingham HQ. The uniquely designed room provides product displays and fully functioning panel and loop models.

The layout of the room was specifically designed to include as much of the product range as possible for the benefit of those visitors unfamiliar with the Hochiki brand whilst creating a relaxed learning environment.

All Hochiki product training is free to our UK customers, contact your Regional Sales Manager or our Product Support Department for more information (contact details at the end of this presentation).



Contact Details

how to get in contact with us

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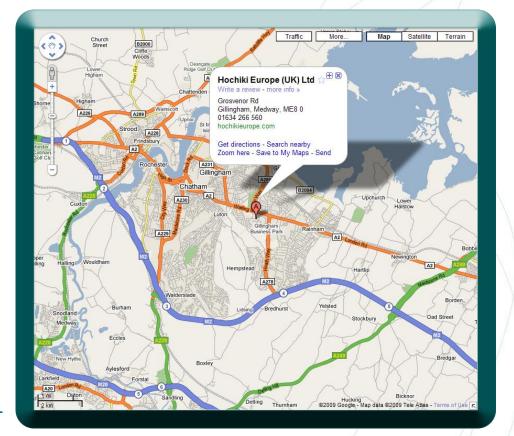
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Thank You

any questions?