HOCHIKI
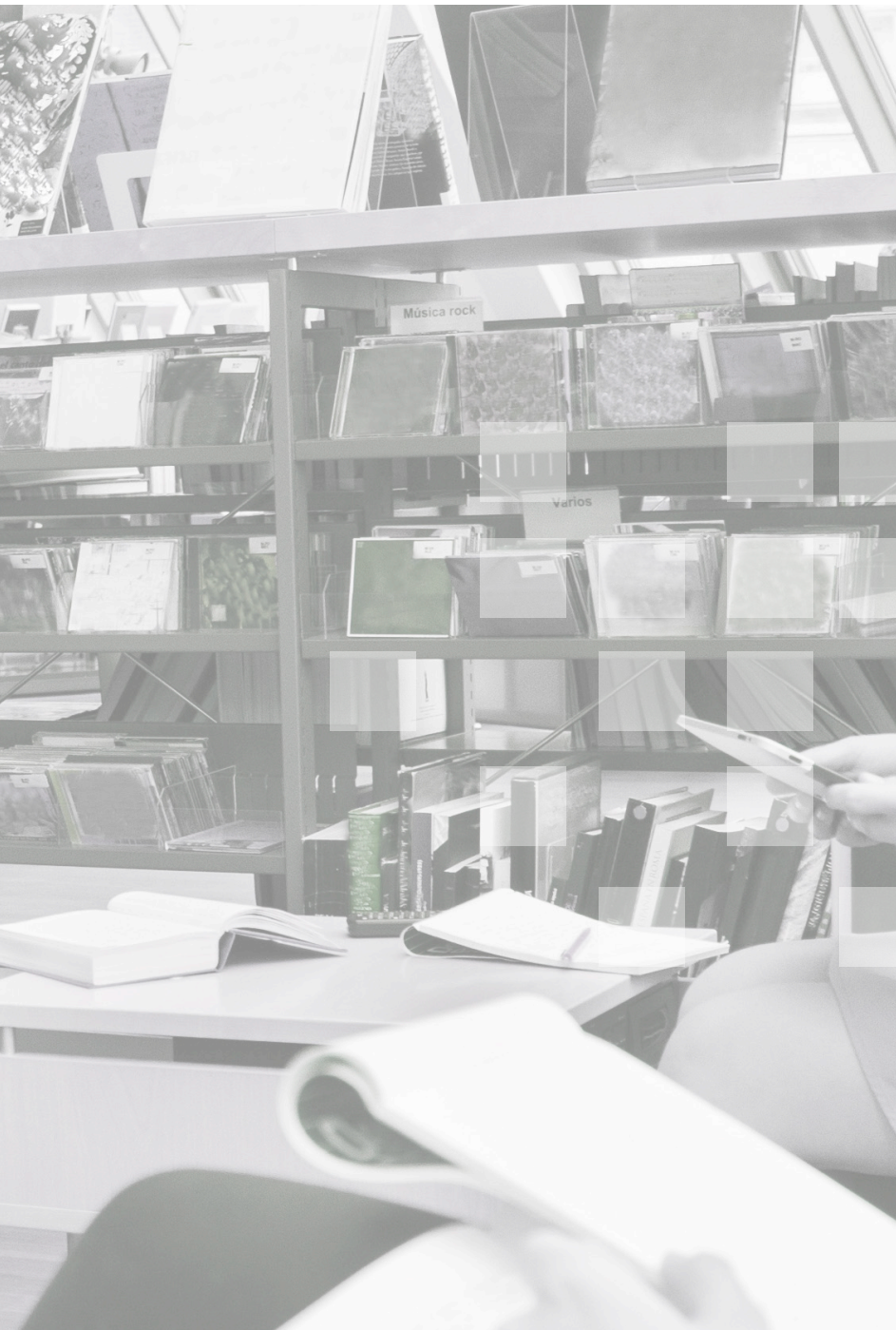**World Class Leaders in Fire Detection Since 1918**

EDUCATION

INDUSTRYOVERVIEW
How Hochiki can help you

COMPANY OVERVIEW

Established in Japan in 1918, Hochiki is a wholly independent, multinational, publicly listed group of companies with over 2000 employees working across six manufacturing plants, 38 sales offices and 14 subsidiaries.

One of the world's leading manufacturers of commercial and industrial fire detection and emergency lighting solutions, Hochiki has acquired global acceptance as the benchmark for high-integrity and long-term reliability.

Hochiki's facilities in Japan, the United States of America and Europe design and manufacture products and provide technical support suited to local standards and customer requirements. Total commitment to meeting the needs of individual national markets has reinforced the company's global reputation, resulting in Hochiki products being installed in many prestigious sites and in over 80 countries worldwide.

STATS TAKEN FROM THE HOCHIKI CUSTOMER SERVICE SURVEY DECEMBER 2016

91%

Respondents rated product quality as either 'very good' or 'excellent'

92%

Customers stated our market reputation is 'very good' or 'excellent'

88%

Customers are most likely to recommend our products

EDUCATION AND LIFE SAFETY

The odds on a school experiencing a fire are about one in 20, but this doesn't tell the whole story, as many fires are not reported, particularly if they are self-extinguished or are put out by staff. Research by the Arson Prevention Bureau found more than a half of all school fires fell in this category. It also suggests that some 20 schools and colleges are damaged or destroyed by arson every week.

The damage that a fire can cause is not limited to the destruction of property as there are also things such documentation and other work that cannot be replaced. There's also the disruption of having to find alternative facilities – ultimately, the impact of a fire can be long-term and highly stressful to both pupils and staff.

PUTTING RELIABILITY FIRST

It has been estimated that approximately 80% of unwanted alarms are caused by 20% of alarm users.

The most common causes of unwanted alarms are down to problems with product selection, misguided installation, or little or no system maintenance.

Having worked extensively in these environments, Hochiki knows that a reliable and smooth running life safety system is a highly valued commodity. All unwanted alarms within educational establishments are disruptive and not without risk if people panic in the ensuing evacuation. However, if large numbers of false alarms occur it also create an environment of disbelief and complacency, which may cause people to delay taking action when a real fire occurs – something that could prove to be deadly.

EDUCATION
PROBLEMS & SOLUTIONS

PROBLEMS

Educational sites present an environment with many risks and an increased potential for many types of fire.

Educational sites present various levels of risk and as such sometimes pose specific response procedures.

The Education environment is complex, with a multitude of risk types coupled with a large number of students, which need to be evacuated efficiently.

Teaching staff need to be signalled in the event of an alarm discreetly to avoid unduly alarming students.

False alarms cause undue panic but more importantly, incur a huge waste of resources.

SOLUTIONS

Enhanced sensitivity of the Photoelectric Smoke Sensor, equally sensitive to a wide range of fire/smoke types.

The functionality to adjust sensor sensitivities (pre-alarm and alarm) to suit the specific risk.

Proven reliability and virtual elimination of false alarms due to a suite of software enhancements to the robust Hochiki ESP communications protocol.

Hochiki offers a wide range of sounders capable of emitting a selection of tones at differing volumes as well as a range of visual alarm devices fully compliant to AS7240 Part 23 to suit any environment or requirement based on the risk assessment.

Added flexibility, low cost of ownership to the end user and the benefits of the enhanced, virtually error-free communications protocol (ESP) ensure Hochiki's products remain cost-effective, reliable and problem-free.

EXCELLENCE AS STANDARD

Hochiki offers complete solutions for all fire detection and emergency lighting requirements. The Enhanced Systems Protocol (ESP) is a digital communications solution for intelligent fire detection and fully integrated systems, while the Conventional range provides solutions for most conventional fire detection applications.

The company also has a range of solutions suited to more specialised environments. This includes the FIREwave wireless fire detection system for use in locations where minimum disturbance to the fabric of the building is important. These are perfectly complemented by FIREscape, Hochiki's pioneering LED based emergency lighting system.

The company's manufacturing plants are accredited to ISO 9001 and through objectives and targets outlined within its corporate environmental policy and ISO 14001 certification, Hochiki is constantly developing new ways to reduce its environmental impact.

INTELLIGENT

The ESP intelligent range incorporates a variety of high performance sensors, modules and ancillary devices to increase the ease of routine maintenance and commissioning. Enhanced System Protocol (ESP) applies Hochiki's high integrity communications link to all products in the range.

CONVENTIONAL

Hochiki's CDX range covers one of the most extensive product portolios, and provides solutions for most conventional fire detection applications, as well as security systems due to its wide voltage range (9.5~30 V dc).

COMPLETE SYSTEM

Hochiki's HFP system offers a complete, flexible fire detection system which can be configured for any environment.

EMERGENCY LIGHTING

FIREscape is a fully intelligent system based on LED technology and promises a flexible system low in voltage, that is simple to install and maintain, and reduces costs of ownership drawamtically.

SPECIALIST

For controlled environments, Hochiki's FIRElink range consists of high sensitivity air sampling equipment that identifies the faintest traces of smoke.

HYBRID WIRELESS

Hochiki also caters for heritage sites with the FIREwave range which integrates wireless technology into Hochiki's ESP hardwired system to provide maximum flexibility and meet specific site requirements.

HOCHIKI - THE LEADER IN INNOVATIVE LIFE SAFETY SOLUTIONS

Hochiki is a wholly independent, multinational, publicly listed group of companies with over 2000 employees working across six manufacturing plants, 38 sales offices and 14 subsidiaries. For almost 100 years Hochiki Corporation has led the way in the design and manufacturer of innovative life safety solutions. Its leading edge commercial and industrial fire detection and emergency lighting products have acquired global acceptance as the benchmark for high-integrity and long-term reliability.

Hochiki's European headquarters were established in 1993 in the UK. Operating under Hochiki Europe, the business provides advanced fire detection and emergency lighting systems across the UK, Europe, Middle East, Africa and India. At present, Hochiki Europe builds in excess of 500,000 conventional and intelligent detectors and ancillaries per year at its purpose-built production facility.

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