REACH
WIRELESS

FLEXIBLE
+
RELIABLE
+
PRACTICAL

**Introducing REACH Wireless – Apollo's latest
hybrid-wireless fire alarm system**

apollo

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REACH Wireless is brought to you by Apollo Fire Detectors, the UK's leading manufacturer of fire detection and alarm devices. With a global reputation for innovation, quality and reliability, Apollo products keep people safe from fire in over 100 countries around the world.

apollo-fire.co.uk

66 REACH Wireless is the latest in our range of hybrid-wireless fire detection. Created to make installation and commissioning quicker and easier, we have introduced a full suite of products including red and white flash VADs.

REACH Wireless has been designed to make extending an Apollo wired loop effortless. With an easy-to-use survey kit, REACH Wireless is FLEXIBLE + RELIABLE + PRACTICAL. 99

Craig Mole
Product Manager, Apollo Fire Detectors Ltd.

Apollo's hybrid-wireless fire alarm systems deliver flexible solutions for listed buildings, temporary structures and high-rise residential apartments, extending detection without compromising the level of protection from fire. Keeping people safe from fire, every second of every day.

01

APPLICATIONS FOR REACH WIRELESS

REACH Wireless is Apollo's latest hybrid range. It saves you time and solves installation problems. It is ideal for **time sensitive installations** where lengthy downtime or disruption is not an option.

Extensions

REACH Wireless allows an existing fire system to be extended by **bridging wireless devices** to the wired loop, using the REACH Loop Interface. A new fire loop is not required, which **reduces cost and effort** – especially if the existing panel doesn't have any more available loops, as long as there is spare capacity on the loop.

Outbuildings

Similar to extensions, REACH Wireless can **extend the existing loop seamlessly** to outbuildings, without having to dig a trench and lay trunking. This eliminates the need for a second, independent panel and loop for your outbuilding or additional structure.

Heritage

Heritage or listed buildings typically have **additional restrictions** on disrupting the fabric of the building by breaking walls or adding trunking. In this case, it may be **easier to install surface-mounted wireless products** to meet fire system requirements.

Temporary buildings

Temporary or retail structures can have restrictions on allowable modifications, or may need to be **installed in a short timeframe**. REACH Wireless can be surveyed ahead of time off-site and installation is quick, **minimising time onsite or downtime for the building**.

WHY CHOOSE REACH WIRELESS?

REACH Wireless delivers optimised radio coverage while minimising battery use, which gives greater flexibility and enhanced performance compared to a wired system.

Flexible system for '*hard to wire*' applications

Reliable design that meets EN54:25

Practical installation that saves time and effort

Complete system with Dual Optical Detectors and VADs

Extend an Apollo wired system seamlessly

Regular monitoring by the panel for signal integrity

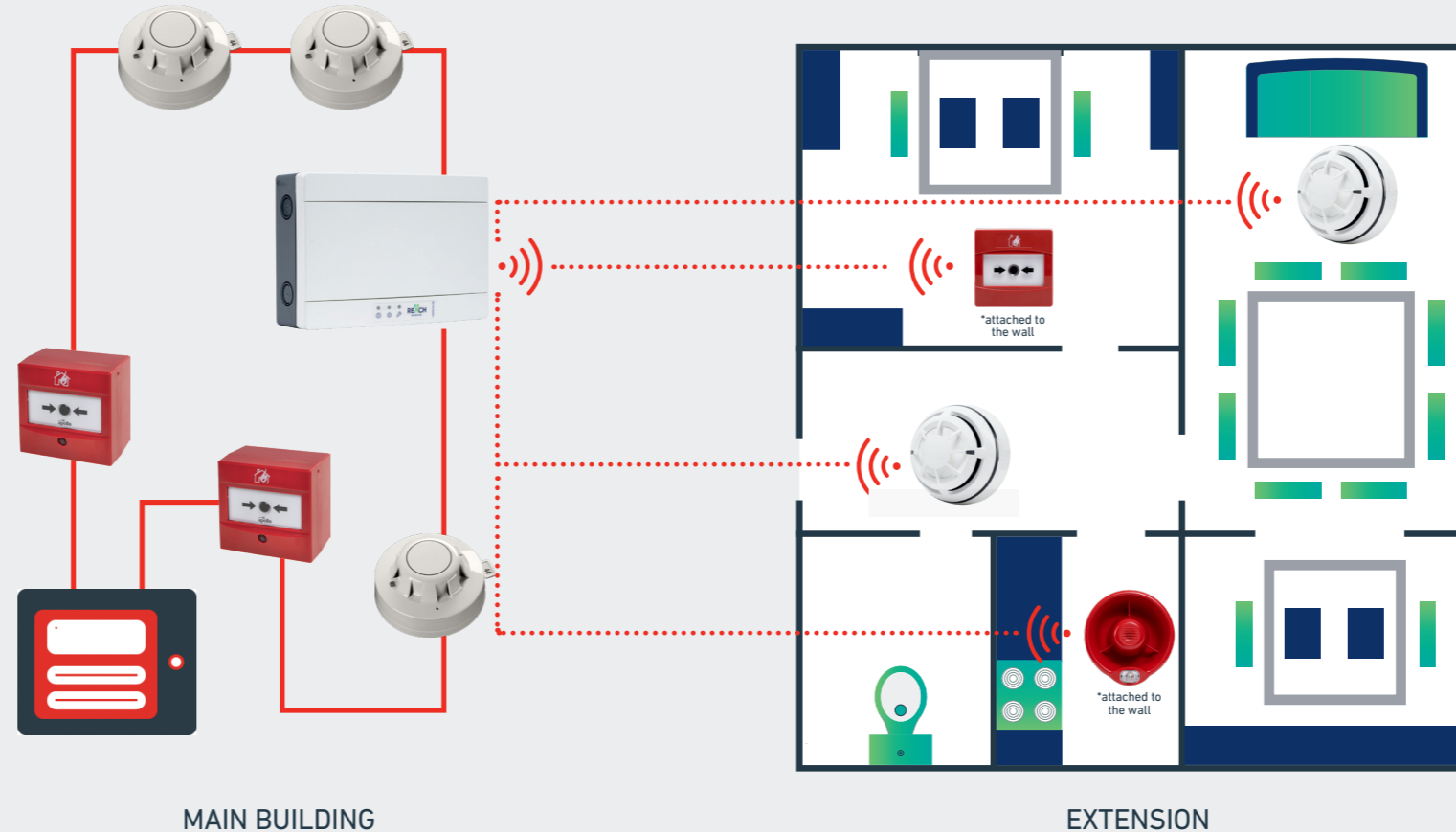**Training** online and in-person to reinforce best practice

Survey Kit for easy onsite surveying and commissioning

SYSTEM ARCHITECTURE

Product features:

- Up-to 32 wireless devices per loop-interface
- 100m radio range (clear line of sight)
- 44 RF channels in redundancy pairs, enabling reliable wireless connection
- Multi-angle antennas to maximise signal coverage
- Up-to 10 interfaces per loop, powered by the loop
- Built-in short-circuit isolator
- Compatible with all Apollo wired addressable systems

*attached to the wall

*attached to the wall

MAIN BUILDING

EXTENSION

This example illustrates XP95 detectors however any addressable range can be used in combination with the REACH Wireless range.

Products shown in diagram:

Wired

SA5900-908APO
Intelligent Manual Call Point

55000-600APO
XP95 Optical Smoke Detector

RW1700-030APO
REACH XP95 Loop-Interface Module

Wireless

RW1000-600APO
REACH Optical Smoke Detector

RW1000-700APO
REACH Multi-Sensor Detector (Optical/Heat)

RW1500-220APO
REACH Open-Area Sounder VAD Cat. W - Red Body (White-Flash) (W-2.5-7)

RW1900-901APO
REACH Manual Call Point

Please visit **apollo-fire.co.uk** for the full range of REACH Wireless products.

FREE VIRTUAL TRAINING

We offer a comprehensive programme of industry CPDs and product webinars. For groups of five or more, enquire about a **FREE** exclusive CPD session.

Register online:
apollo-fire.co.uk/training-support/cpds-webinars

ONLINE SUPPORT

The Apollo website is an invaluable source of information about our business, our brand, our products and our people. The site enables you to access all the features listed below. If you can't find the information you need or would like help navigating the site, please contact **marketing@apollo-fire.com**

CPD programme

Our CPD accredited courses are hosted live every fortnight. They include a Q&A and participants receive a digital CPD certificate after the session.

CPD topics

- Detection principles and device selection
- Service, test and maintenance of fire detection equipment
- An introduction to BS 5839 Pts 1 & 6
- An introduction to BS 7273-4
- **REACH Wireless**
- EN54-23 VADS
- False alarm management
- Fire safety in healthcare buildings UK

Product webinars

We have a variety of on-demand product webinars on our website, available for you to watch anytime, anywhere.

Courses cover everything from product features and benefits, to best practice, applications, FAQs and more.
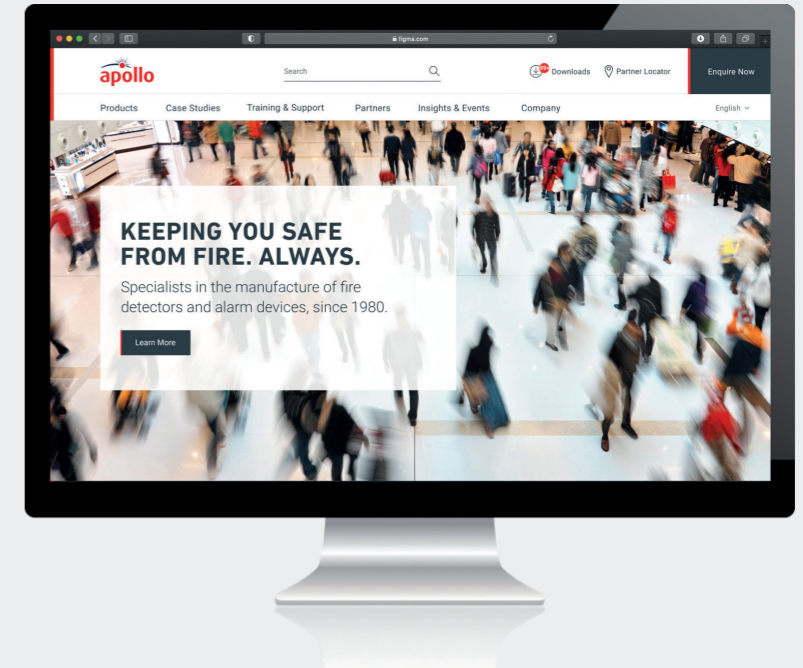
Webinar topics

- Capabilities of XP95, Discovery & Soteria
- AlarmSense
- XPander
- Apollo Test Set:
  – An introduction
  – Loop view
  – Diagnostics
- Dimension: installation & maintenance

Visit apollo-fire.co.uk

- Contact our Technical Support and Customer Services Teams
- Register for training webinars and CPDs
- Find and download product information, including certificates, datasheets and installation guides
- Learn about our company and our opinion on industry matters
- View case studies
- Identify contacts from our Partner Directory (Distributors, Integrators and System Panel Partners)

A COMPREHENSIVE SYSTEM

REACH Wireless offers a wide-range of EN54 product solutions to help overcome installation barriers. To view the latest product options and information visit: **apollo-fire.co.uk**

DETECTORS

PART NUMBER	ITEM NAME
RW1000-400APO	REACH Heat Detector
RW1000-600APO	REACH Optical Smoke Detector
RW1000-700APO	REACH Multisensor Detector (Optical/Heat)

AUDIO VISUAL (AV)

PART NUMBER	ITEM NAME
RW1300-110APO	REACH Sounder Base
RW1300-210APO	REACH Sounder VAD Base (White-Flash) (C-3-15)
RW1300-211APO	REACH Sounder VAD Base (Red-Flash) (C-3-10)
RW1500-110APO	REACH Open-Area Sounder – White Body
RW1500-120APO	REACH Open-Area Sounder – Red Body
RW1500-210APO	REACH Open-Area Sounder VAD Cat.W – White Body (White Flash) (W-2.5-7)
RW1500-220APO	REACH Open-Area Sounder VAD Cat.W – Red Body (White Flash) (W-2.5-7)

INTERFACES

PART NUMBER	ITEM NAME
RW1700-030APO	REACH XP95 Loop-Interface Module
RW1700-052APO	REACH Input Module Heat
RW1500-800APO	REACH Output Module
RW1700-051APO	REACH Remote Indicator Module
RW1900-901APO	REACH Manual Call Point

ACCESSORIES

PART NUMBER	ITEM NAME
RW1800-060APO	REACH Survey Kit Lite
RW1300-010APO	REACH AV Base Cap – White
RW1300-020APO	REACH AV Base Cap – Red

WE'RE HERE TO HELP

We offer free ongoing advice to help you choose the best solution for your building. Get in touch at **solutions@apollo-fire.com**

We work with a network of Distributors, System Partners, and System Integrators worldwide. Find your perfect partner at **apollo-fire.co.uk/partners**

Find your comprehensive installation guide and datasheet online at **apollo-fire.co.uk/reach**

For survey and installation support and 'how-to' videos, visit: **youtube.com/c/ApolloFireDetectorsHowTo**

For further support and enquiries, call our friendly team on **+44 (0)23 9249 2412**

apollo-fire.co.uk

KEEPING YOU SAFE FROM FIRE. ALWAYS.

Our purpose is simple; to keep people safe from fire every second of every day.

We specialise in the design and manufacture of high-quality fire detection solutions that protect people from fire in over 100 countries around the world. We are proud to be a part of Halma, a FTSE 50 global group of life-saving technology companies.

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