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.

SOTERIA™ UL

QUICK ACCURATE **EFFECTIVE**

Advanced fire detection, fully approved to the latest UL standard

apollo

CONTENTS

Soteria UL 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.

" Our new range of detectors demonstrates high resilience to nuisance alarms, while retaining sensitivity towards modern building construction materials.

The new Soteria UL offers a contemporary design and advanced features for optimal performance and experience. "

Liam Arstall
Head of Product Management
Apollo Fire Detectors

INTRODUCING SOTERIA UL

SOTERIA™ UL

Soteria UL is Apollo's latest system, specifically developed for the advanced requirements of the UL market.

Fully compliant with the latest UL standards, Soteria UL delivers swift and accurate fire detection with built-in isolation increasing reliability and ease of maintenance. It is backwardly compatible with existing Discovery installations and offers advanced detector features when used with CoreProtocol.
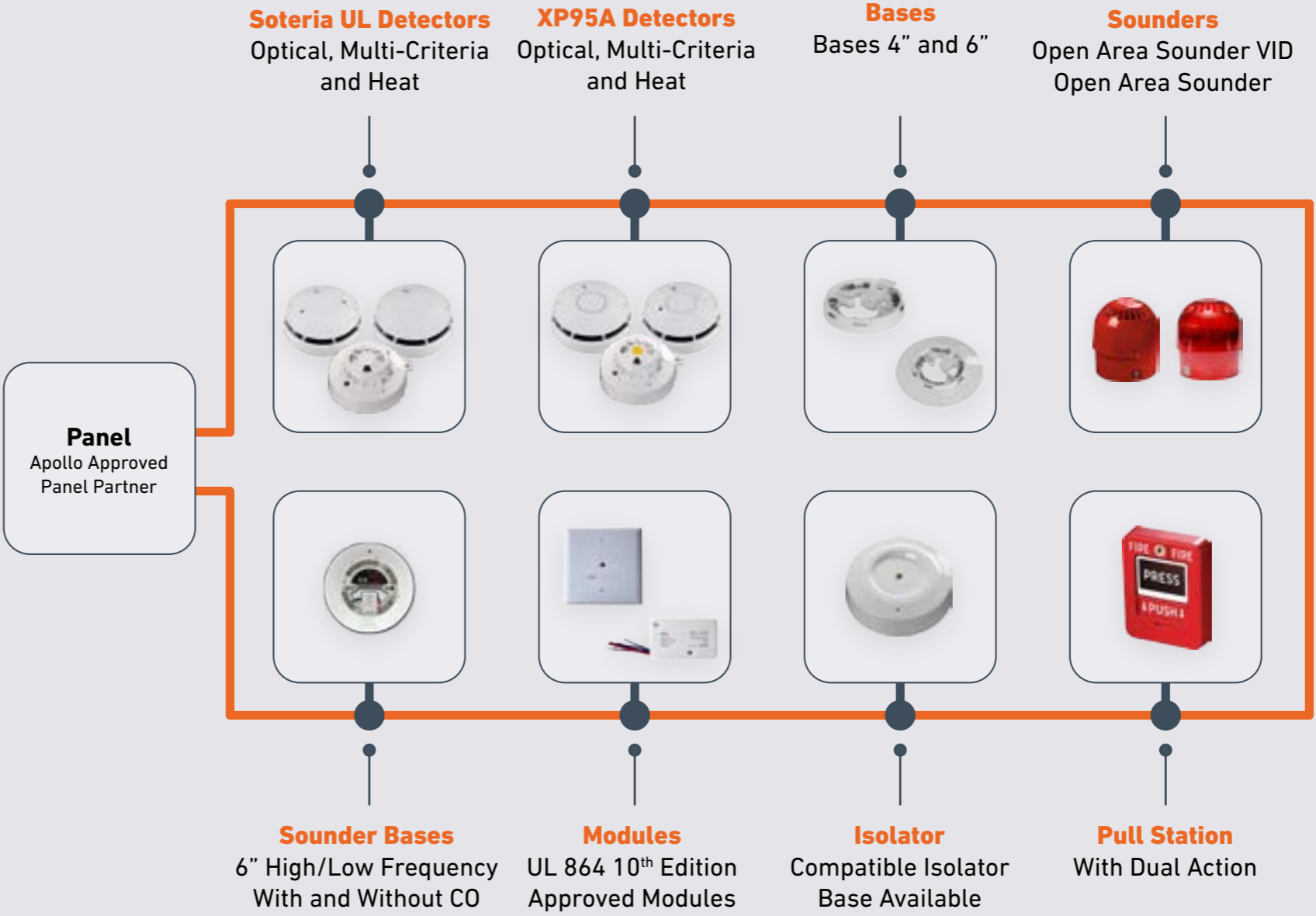
THE APOLLO UL SYSTEM OFFERING

Apollo's UL offering is compatible with XP95, Discovery and CoreProtocol*, enabling a vast range of functionality, whatever your fire detection needs. We offer a large suite of products across detection, audio visual devices and interfaces, to ensure your system is equipped to tackle a range of applications.

The Soteria UL range are our newest products approved to the latest standards, with the detectors approved to UL268 7th Edition and the modules to UL864 10th Edition. With this state-of-the-art technology you can be sure you are compliant with the latest regulations and keep safety at the front of your mind.

At Apollo we collaborate with leaders in fire safety systems to provide solutions that meet all your needs. To find out more about the Panel Partners we work with and the right choice of panel to complete your Apollo system, please contact us at *sales.enquiries@ apollo-fire.com.*

Some features are enabled by CoreProtocol.

Soteria UL Detectors
Optical, Multi-Criteria and Heat

XP95A Detectors
Optical, Multi-Criteria and Heat

Bases
Bases 4" and 6"

Sounders
Open Area Sounder VID
Open Area Sounder

Panel
Apollo Approved Panel Partner

Sounder Bases
6" High/Low Frequency With and Without CO

Modules
UL 864 10th Edition Approved Modules

Isolator
Compatible Isolator Base Available

Pull Station
With Dual Action

WHY CHOOSE SOTERIA UL?

The Soteria UL Smoke and Multi-Criteria (Smoke/Heat) Detectors are not only compatible with existing Discovery protocol installations, but they also fully support Apollo's latest generation of protocol communications, CoreProtocol. Use the devices with CoreProtocol to gain access to more addresses, more control, faster testing and many more features.

01 ADVANCED FIRE DETECTION

Purelight® sensing technology ensures the highest level of fire detection and immunity to false alarms.

02 INTEGRATED SMART ISOLATOR

Provides exact location of wiring faults. When used with CoreProtocol, it is controllable and provides real time reporting of system faults.

03 IN-BUILT DRIFT COMPENSATION

Monitors long-term drift of the smoke sensors and adjusts levels to maintain detector sensitivity.

04 SOFT ADDRESSING

Any time, anywhere, hard, soft and auto addressing make it easier and faster for you to address.*

05 INCORPORATES FasTest

Testing and maintenance made easy with the FasTest feature. 4 second testing, saving you time and money.*

06 BACKWARD COMPATIBILITY

Fully backwardly compatible with existing Discovery panel installations. No need for panel updates or configurations.

FEATURES	PROTOCOL	
	DISCOVERY®	coreprotocol
Address availability	1–126	1–254
Drift compensation value	✓	✓
Rapid compensation	✓	✓
Sensitivity modes	✓	✓
Flashing polling LED	✓	✓
Conventional alarm	✓	✓
Integrated isolator	✓	✓
Controllable isolator		✓
Soft addressing		✓
Flashing polling remote		✓
Tamper		✓
Auto-addressing		✓
FasTest		✓
Live sensor values		✓
Group control of remote output		✓
Restore to factory default		✓

*Soft and auto addressing and FasTest only available with CoreProtocol

OUR LATEST SOLUTION FOR XP95A USERS

··∷∷XP95A

For all existing XP95 protocol users, Apollo has specifically designed the fully UL 268 7th Edition XP95A range of detectors. They are simple to install and easy to use. When retrofitted, no panel updates, re-configurations, or cause and effect changes are necessary, giving you complete peace of mind.

01
BACKWARD COMPATIBILITY

Fully backwardly compatible with existing Discovery panel installations. No need for panel updates or configurations.

02
POLARITY INSENSITIVE WIRING

Polarity insensitive wiring meaning that one base fits both Soteria UL and XP95A.

03
INTERNAL DRIFT COMPENSATIONS

Internal drift compensations, monitoring the long-term drift of smoke sensors.

04
CONTEMPORARY DESIGN

Contemporary design and a low profile for all types of applications.

CHOOSING
THE RIGHT
UL DETECTOR

Apollo's wide range of fire detectors, fully approved to the latest UL standards, ensures that you will find the best solution for your project.

For new and existing Discovery and CoreProtocol users, Soteria UL offers intelligent fire protection and false alarm management with a range of features that save time and cost.

For the XP95 user, we have developed the new XP95A detector range. Fully compliant with the latest UL standards, it is simple to install and very easy to use in existing XP95A retrofit installations.

Our new range of 4" and 6" bases support both the isolated Soteria UL and non-isolated XP95A detectors. Use the table on the right to help you choose the most suitable detector and base for your installation.

*Please note: Panel updates are not required when replacing detectors on existing systems. Check with panel partners for compatibility of bases.

Protocol Communication	Smoke	Multi-Criteria	Heat
Discovery and CoreProtocol	**Soteria UL** **Smoke Detector** SA5150-650	**Soteria UL** **Multi-Criteria Detector** (Smoke/Heat) SA5150-750	**Discovery/Soteria UL** **Heat Detector** SA5800-450
XP95 Protocol	**XP95A** **Smoke Detector** SA5050-250	**XP95A** **Multi-Criteria Detector** (Smoke/Heat) SA5050-350	**XP95A** **Heat Detector** SA5500-450
Compatible Bases	Soteria UL Base – 4" SA5000-210 Soteria UL Base – 6" SA5000-230 Soteria UL Sounder Base High Frequency – 6" SA5300-802 Soteria UL Sounder Base Low Frequency – 6" SA5300-806 Soteria UL CO Sounder Base High Frequency – 6" SA5300-800 Soteria UL CO Sounder Base Low Frequency – 6" SA5300-805		

CHOOSING THE RIGHT UL MODULE

Apollo's Soteria UL Modules are tested to the highest standard, fully compliant with UL864 10th Edition, including all earth fault detection functionality.

The Soteria UL Modules have integrated isolators to reduce installation costs – there's no need to purchase separate isolators. Integrated isolators ensure the highest possible safety against loop failures such as short circuits, and gives you the ability to provide Class X systems.

Protocol Communication

XP95* and Discovery

Soteria UL
Mini Switch
Monitor Module
SA4705-600

Soteria UL
Input Module
SA5800-700

Soteria UL
Relay Output
Module
SA4705-701

Soteria UL
Switch Monitor
Input/Output Module
SA4705-703

Soteria UL
NAC Module
SA4705-706

Soteria UL
Dual Input Switch
Monitor Module
SA4705-720

*Native XP95

Compatible Back Boxes

Installation is quick and easy with SEMs terminals that accept US fire cabling as standard, and to make things even simpler the modules are compatible with standard US back boxes

WE'RE PASSIONATE ABOUT KEEPING PEOPLE SAFE FROM FIRE...

... that's why we're offering free ongoing advice to help you choose the best solution for your building. Get in touch at **sales.enquiries@apollo-fire.com**

WE'RE HERE TO HELP

apollo

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

To learn more about Soteria UL and why we developed the range, please visit: www.youtube.com/watch?v=JVd_xmElN1g

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

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