FEATURES

- ✓ Max. 4 gateways per loop
- ✓ Redundant communication path
- ✓ Noise immunity to WiFi & Bluetooth
- ✓ Same rotary addressing & programming parameters as wired devices
- ✓ 49 devices per one SWIFT Gateway (50 addresses on the one loop, i.e. 49 devices, plus 1 for the Gateway)
- ✓ Capability for Silence Mode – timed shutdown of devices to determine if SWIFT is interfering with other systems
- ✓ All devices act as repeaters; no line of sight required
- ✓ Frequency hopping; used to mitigate interference.
- ✓ Can have four gateways in one Broadcast Area (within broadcast range). This can be advised following a site survey by FireSense.
- ✓ Range/Signal Strength:
  - Line of sight – maximum range up to 50m
  - Through single gyprock wall – up to 25m
- ✓ Mesh network system (which increases redundancy), compared to point to point systems.

PRODUCT DESCRIPTION

When you have a requirement for wireless detection, the SWIFT product allows you the ability to connect smoke detectors and/or input modules to a wired system, (ie AFP-3030). This is done by adding wireless receivers (Gateway) on an addressable loop. Detectors and input modules then either talk direct to the Gateways or through each other by means of mesh technology.

Mesh technology ensures a signal path back to the Gateway is always continuous, whether direct or via other SWIFT devices. When installing an AFP-3030, it as simple as adding a Gateway to the addressable loop, which assigns up to 49 devices, meaning no extra cables are required for the Gateway.

Applications for SWIFT can range from churches, schools, courthouses or any installation where cables are too difficult to route, i.e. heritage listed buildings.

APPLICATIONS

- ✓ Heritage listed buildings such as churches, courthouses, town halls, schools
- ✓ Visually sensitive constraints
- ✓ Temporary protection/temporary buildings
- ✓ Buildings which have an existing AFP-3030 and need detectors added to an outbuilding, e.g Pump House

SWIFT COMPONENTS & ORDERING INFORMATION

SWIFT-GW	FlashScan Wireless SWIFT Gateway – 1 SWIFT Gateway is required for each wireless mesh, and supports up to 49 SWIFT detectors or modules. Connects to the SLC loop of a compatible panel using FlashScan protocol. Power may be supplied by the SLC circuit or via an optional 24Vdc input. *Note: Use of the 24Vdc input may be more convenient for service as it allows for powering down a gateway without shutting down an SLC loop.*
SWIFT-P	FlashScan intelligent, wireless photo detector. Requires one SWIFT-BASE for installation. Requires (4) CR-123A batteries (included).
SWIFT-Acclimate	FlashScan intelligent wireless Acclimate heat and photo detector, using combined heat and smoke sensor information and the ability to automatically adjust sensitivity, based on ambient changes in the environment. Requires one SWIFT-BASE for installation. Requires (4) CR-123A batteries (included).
SWIFT-H-57C	FlashScan intelligent wireless fixed-temperature 57°C heat detector. Requires one SWIFT-BASE for installation. Requires (4) CR-123A batteries (included).
SWIFT-MM	FlashScan wireless monitor module. Used to monitor devices with mechanical contact actuation. Includes a special cover with a tamper magnet built in. Recommended for installation in a SMB500 box (ordered separately) rather than a metal blackbox for best performance. Ships with 4 Panasonic CR123A or 4 Duracell DL123A batteries. (See data sheet for more information).
SWIFT-BASE	Detector base used for wireless detectors. Includes a built-in magnet so that wireless devices can establish installed and tampered states.
FireSense Website Download	SWIFT Tools programming and diagnostic utility. Free download from www.firesense.com.au. For installation on a PC running an approved version of Windows (See minimum system requirements for SWIFT Tools). Requires the W-USBAUS radio/antenna dongle for communication with SWIFT Wireless devices. *Note: SWIFT Tools is intended for use with NOTIFIER branded products. It will not work with other brands.*
SWIFT-USB	Wireless USB radio/antenna dongle that plugs into the USP port of a PC running SWIFT Tools. The SWIFT-USB provides a communication link with SWIFT Wireless devices that are within approximately 6 meters and have not formed a mesh. Alternately, when the devices have formed a mesh, bringing the PC/SWIFT-USB within range (6m) of the gateway for that mesh, will allow SWIFT Tools to acquire information on all devices in that mesh, including point-to-point signal strength.

APPROVALS

- ✓ AS7240.5-2004
- ✓ AS7240.7-2004
- ✓ ASISO7240.18:2005
- ✓ ASISO7240.25:2015

Supports up to 4
Wireless Networks/Overlapping Coverage

49 Devices
(50 inc. Gateway)
49

49 Devices
(50 inc. Gateway)
49

49 Devices
(50 inc. Gateway)
49

49 Devices
(50 inc. Gateway)
49

SWIFT-P

SWIFT-P

SWIFT-MM

Loop 1

Loop 1

Loop 1

Loop 1

Max. 4
Loop Powered
Gateways
to one loop

Note: A maximum of 4
Gateways can be connected to a
system in one 'Broadcast Area'

SWIFT Tools &
USB (W-USBAUS)

Addressable Module   SSF-P   SSF-P

Onyxworks Graphics

FireSense

Fig 1. SWIFT System

Types of Buildings

Suited for Heritage Listed Buildings for e.g, where wiring is not an option

Churches

Schools

Courthouses/Town Halls