

iVESDA is a downloadable application that can be installed on Android and iOS handheld devices and used to monitor and maintain VESDA-E systems with unprecedented ease. It is also compatible with existing VESDA detectors residing on the same VESDAnet as the VESDA-E devices.

iVESDA provides detailed alarm, fault and other status information such as smoke trends, airflow, filter life, as well as viewing of important configuration parameters such as pipes in use and smoke alarm thresholds.

How iVESDA is used

With iVESDA the interaction and response to the VESDA detection system is taken to a completely new level of ease and portability.

- Facility Managers now have a convenient means of monitoring their entire VESDAnet for status, alarm, fault and configuration information with a handheld device, without the need for a PC and High Level Interface.
- First Responders can receive live status information to direct immediate response to imminent fire threats and can monitor the spread of fire across the VESDA network.
- Field Service Engineers can obtain system diagnostic and maintenance information before and during a site visit without the need for a local hard wired connection, simplifying and speeding up site visits.



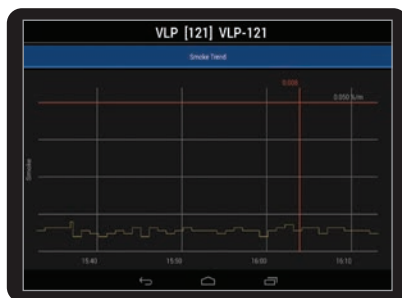
Examples of Status Information



Airflow

Date/Time	Event Number	Message
04/02/2019 16:56:29	2044	Fault On: 1 [Communications Fault: VESDA-E (2445) Port B not functioning], Source: Communications Processor
04/02/2019 16:56:29	2043	Fault On: 2 [Communications Fault: VESDA-E (2445) Port A not functioning], Source: Communications Processor
03/02/2019 16:56:29	2042	Remote Version: 02.00.00 (PUC: Device: Communications Processor)
03/02/2019 16:56:29	2041	Main Processor: serial number: 9852085
04/02/2019 16:56:29	2035	Power Down: 46: 02/26/16 15:42:50 for 1 Days 1 Hours 13 min 39 sec
04/02/2019 16:56:29	2049	Address Version: 02.00.00 (AUC: Device: Main Processor)
04/02/2019 16:56:29	2048	Active: Source: Main Processor: Serial: 5
03/02/2019 16:56:29	2047	Power Up: Remote: Processor: 1
04/02/2019 14:48:17	2046	Fault On: 170 [Flow in very high], Source: Pipe 1
04/02/2019 14:48:17	2045	Fault On: 170 [Flow in high], Source: Pipe 1
04/02/2019 14:48:16	2044	Fault On: 170 [Flow in very high], Source: Pipe 4

Event Log



Smoke Trend



Status

Features

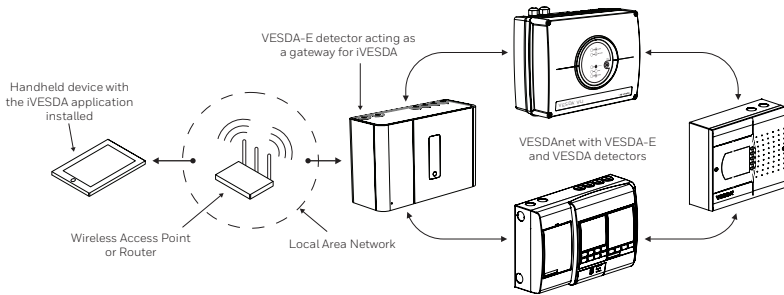
- Downloadable from GooglePlay and App Store
- Compatible with Android and iOS handheld devices
- Support for VEU, VEP, VES and VEA
- Supports VESDA-E and existing VESDA detectors residing on the same VESDAnet
- Automatic detection of networked devices
- Provides detailed alarm and fault status as well as smoke trends
- Allows viewing of important configuration parameters such as pipes in use and smoke alarm thresholds
- Allows viewing of detector event log
- Connection profiles record the VESDA-E detector IP address and authentication password for future sessions
- Supports VEA walk test

Connecting to VESDA-E and VESDA devices

Connectivity between iVESDA and a combination of VESDA-E and VESDA devices on a VESDAnet can be established locally within the protected facility using a standard WiFi network, or remotely via the Internet. A single VESDA-E detector is used as a gateway to all other devices on the VESDAnet. A connection profile can be saved in iVESDA for future use. The IP address and the authentication password for the VESDA-E detector acting as the gateway must be entered into the connection profile.

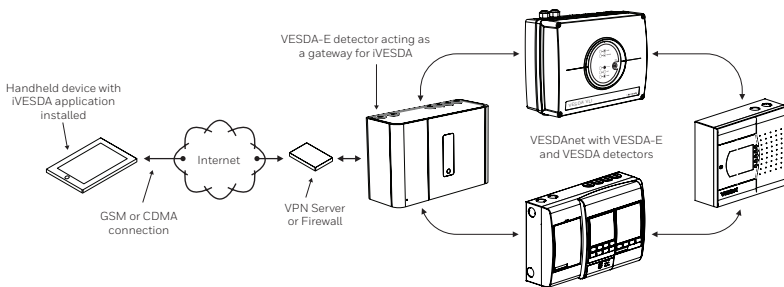
Local Connection Example

A typical local connection configuration features the iVESDA application installed on a handheld device, which is connected to a local area network via a wireless access point or router. The VESDA-E detector is connected to the local area network via the same wireless access point. All VESDA-E and VESDA devices on the VESDAnet are accessible to iVESDA.





Remote Connection Example

A typical remote connection configuration features the iVESDA application installed on a handheld device, which is connected to the VESDA-E detector via the Internet. The detector is accessible within a Virtual Private Network (VPN). All VESDA-E and VESDA devices on the VESDAnet are accessible to iVESDA.



Software Interface

The iVESDA software interface main screen contains the following features:

- A list of all detectors present on the VESDAnet, sortable by Alarms, Faults and Zone Numbers
- Status indicators for each detector:
 - Fault 
 - Alarm 
- Detailed real-time information about the selected detector, such as alarm thresholds, smoke level, smoke trend, faults summary. The available information depends on the type of detector

Reference Material

Refer to the detector product guide for configuration information. It can be downloaded from the Xtralis.com partner extranet.