Kentec
Electronics Ltd

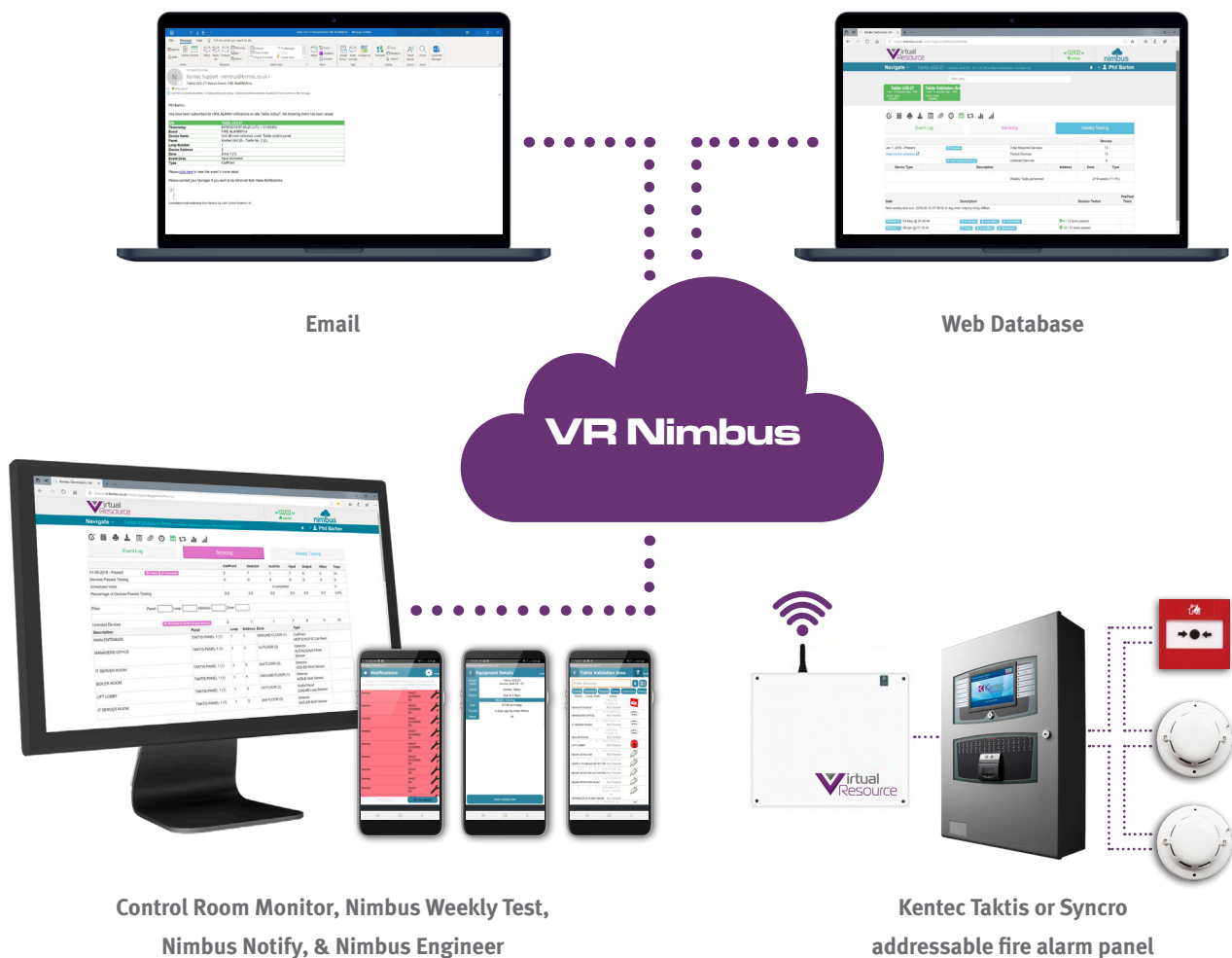# Virtual Resource

VR Nimbus

Introduction

Virtual Resource - Nimbus (VR Nimbus) is an advanced management tool for fire detection which provides system designers, integrators and service companies with the ability to remotely access and comprehensively manage any system using intelligent analysis of data collected from their systems. End-users and facilities managers can also greatly benefit from the powerful feature set that comes with VR Nimbus.

The remote management features offered by VR Nimbus can result in reduced fault call outs, reduction of unwanted alarms and improved overall service to the end-user.

Gain access to data from all your systems, assess performance, check status and make decisions based on facts, not assumptions.

VR Nimbus allows your fire system to report events in real-time to the Nimbus cloud, to enable you to view the latest status report via any web enabled device.

Whether you are a service provider, building owner or facilities manager, VR Nimbus can help you reduce costs, add value, generate compliance reports and improve service and weekly testing integrity by employing the latest communication and analytical technologies.

Email

Web Database

VR Nimbus

Control Room Monitor, Nimbus Weekly Test, Nimbus Notify, & Nimbus Engineer

Kentec Taktis or Syncro addressable fire alarm panel

VR Nimbus Features

> **Simple to Install**
> VR Nimbus is a non-intrusive add-on to any Taktis or Syncro addressable fire system. Installation and connection can be achieved in minutes using GPRS communications with optional I.P connectivity available for sites with network infrastructures.

> **Secure and Robust**
> VR Nimbus is cloud hosted in a secure and robust platform with automatic failover and redundancy providing high availability.

> **Proof of Testing**
> Producing reports based on fire alarm testing has always been time consuming and challenging, while many current recording methods do not confirm that devices have been tested and are prone to inaccuracy. VR Nimbus records fire alarm control panel activity, including specific details of device status. This provides confirmation of a successful device test giving the end user the confidence that testing is being completed, as well as removing any inaccuracy of records.

> **Extended and Searchable Logs**
> VR Nimbus provides an event log which extends beyond that of the fire alarm panel itself providing a significant history of fire system activity over many years. Events can be easily filtered to view specific event types, and events within a specific date and time range.

> **Asset List**
> VR Nimbus creates and maintains an asset list of all fire safety equipment installed on site, including fire alarm panels and devices, extinguishers, fire doors etc. Maintenance, service and inspection schedules can be allocated to any piece of fire safety equipment. Barcodes and photographs can be attached to VR Nimbus to enable accurate ID of equipment.

> **Reports**
> VR Nimbus records servicing and weekly test activity to specific logs in pre-defined annual summary format. Users may also generate specific reports based on their own search criteria: Date/Time, Mode. Event, Panel, Loop, Device and protocol partners.

> **Confirmed Fire Events**
> It is estimated that false alarms cost the UK in excess of £1 billion a year. VR Nimbus can help reduce the cost of false alarms with the Confirmed Fire Event.
>
> VR Nimbus can identify and send alerts only when multiple fire events are detected in quick succession within a defined zone. Engineers are also able to feedback on fire events to a centralised location.

> **Control Room Monitor**
> Control Room Monitor (CRM) is a remote alarm monitoring and control application which will receive, display and log events from VR Nimbus connected Taktis and Syncro format panels.
>
> Alarms and Events can be monitored at a remote location and are presented to the operator in order of priority. CRM events can also be customised to present the operator with site specific and operational instructions.
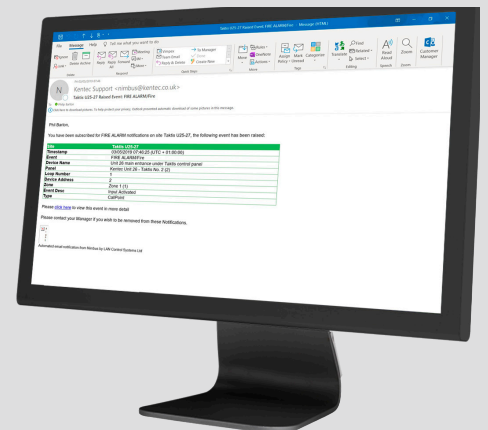>
> CRM is embedded within the computer operating system for secure and continuous operation.

> **Notifications**
> Event notifications can be sent by:
> - Email
> - Mobile phone application
> - Secure IP monitored applications
>
> Any number of recipients can receive notifications based on fire alarm event types: Fire, Pre-alarm, Fault, Isolation, Disablement, etc. Each event notification details the event action, the associated control panel descriptive labels and protocol data. Notifications are triggered and processed immediately.
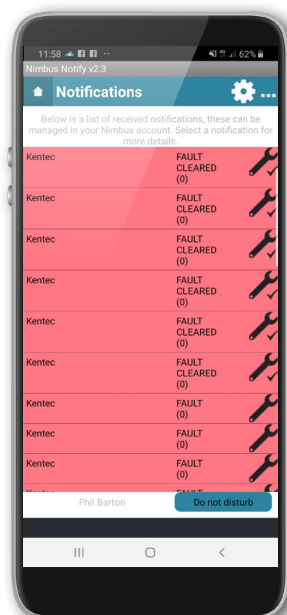

> **Users**
> VR Nimbus managers administrate their own account and can add, edit or delete any number of clients, sites and users. Users are given varying permissions to define which fire alarm system can be viewed, which reports can be generated and which notifications to receive.

> **File Storage**
> VR Nimbus provides the ability to attach and store electronic files. The ideal location to store fire risk assessments, certifications, site plans, system installation drawings, reports, panel back-up files, etc.
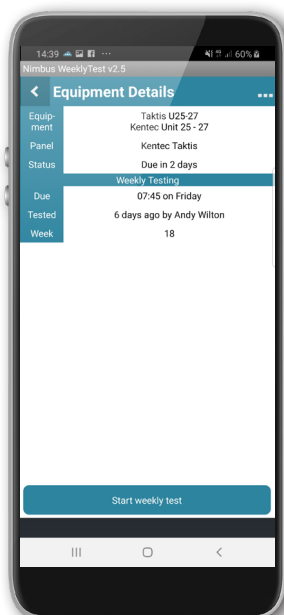
VR Nimbus Phone Application

Nimbus Notify

An application for Android and iPhone users that delivers VR Nimbus fire alarm event notifications. Utilising push notification allows a smartphone or tablet to receive and display VR Nimbus events even when the screen is locked and the application closed.

Nimbus Notify is fully configurable with repeat alerts until cleared, selectable sounds, and the ability for a user to feedback the cause of the event – ideal for recording false and/or unwanted alarms.
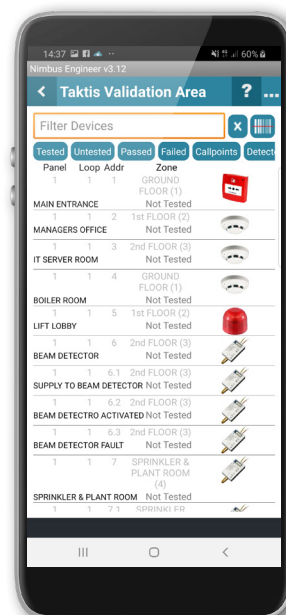
Nimbus Weekly Test

An Android application that notifies a user of a pending 'fire alarm weekly test' with specific instructions of which Manual Call Points (MCPs) should be tested. The user receives confirmation as tests are performed and the results are logged to the VR Nimbus Weekly Test log. The user may add photographs or comments to supplement the testing data.

A VR Nimbus administrator can configure when the weekly test is carried out and how many MCPs to test. User defined pre- and post-test tasks can also be configured and delivered to the user, such as 'contact the ARC to inform that a test is to be carried out' prior to testing and followed by 'contact the ARC to verify that a test was received' when tests are complete.

Nimbus Engineer

An Android application that advises service engineers of their service visit test schedule. Nimbus Engineer data is communicated to VR Nimbus and all testing activity, comments, photographs and barcodes are recorded against each device within the current VR Nimbus service period.

A perfect service tool for fire alarm service engineers providing:

> Single engineer testing
> Confirmation as tests are performed
> A schedule of which devices to test during each service period
> Record and log – Pass/Fail with comments, photographs and detector barcode information
> Optimisation of rectification and upgrade work
> Test records are logged with the engineer's comments within VR Nimbus
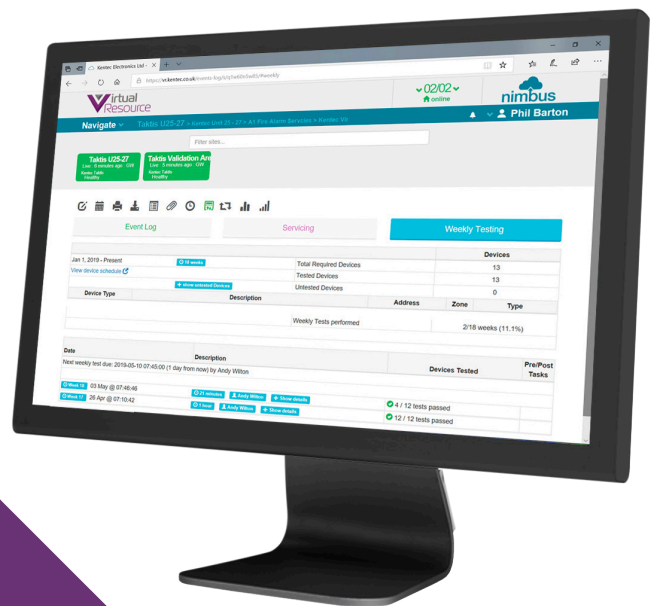> Service visit testing time is automatically recorded, to allow correct costing of future service visits.

Features and Benefits

Benefits to Service and Operations Managers

> Reduce costs and engineering performance

> Single engineer testing/commissioning

> Simplify external audit inspections

> Schedule service visits

> Plan test activities for each service visit

> Fault response – check system log for detailed fault info before attending site

> Attach and store electronic files

> Measure and monitor – site engineering time and cost

Benefits to Facilities and Estate Managers

> Automate weekly test regime and ensure different devices are tested

> Confidence fire alarm system is maintained correctly

> Compliance with BS5839-1 service requirements

> Compliance with Regulatory Reform (Fire Safety) Order 2005 maintenance requirements

> Independent proof of testing

> Electronics total life history

> Create an asset list for all fire safety equipment

Company Overview

Kentec Electronics is one of the world's leading life safety solutions manufacturers of conventional, analogue addressable fire detection and extinguishant control panels.

Founded in 1985, Kentec is an end-to-end manufacturer, with everything sold being made in the UK. It employs approximately 250 members of staff in its production facility, head office and research and development department.

In addition to design and manufacture, Kentec provides technical support specified to the local standards and customer requirements of over 90 countries worldwide. With a commitment to meeting the needs of individual national markets, Kentec has achieved a global reputation, resulting in its life safety systems being installed in numerous prestigious sites across the world.

Kentec manufactures products approved to EN54, EN12094, UL864 10th Edition, FM, NFPA, marine classification societies, RoHS 2 Compliant and CP10.

Certificate No. FM 32987
BS EN ISO 9001: 2015

Certificate No. EMS 518118
BS EN ISO 14001:2015

LPCB
Certificate No. 360
BS EN ISO 9001: 2015

FIA
Fire Industry Association

BS-EN12094-1
KM 96761

SIGNALING
UL LISTED

FM

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