



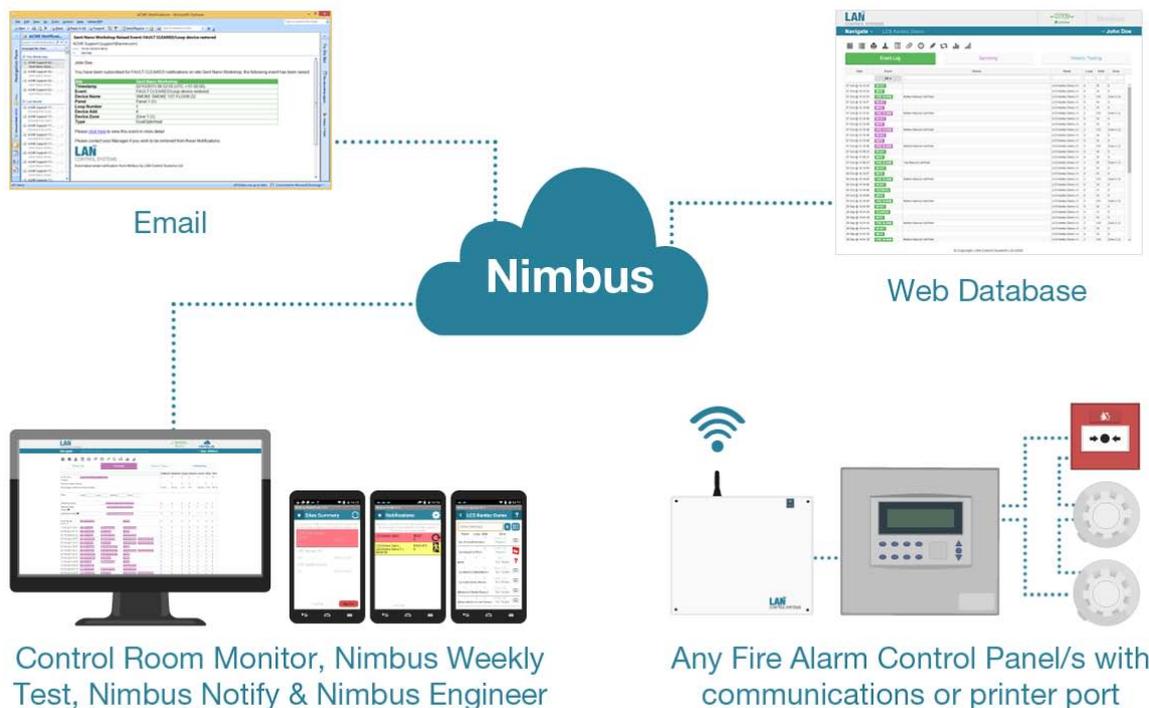
## Introduction

Nimbus is a Cloud based database, receiving data from Fire Alarm systems via Nimbus Gateways. Data is stored in a secure database and accessed via a standard web browser.

The primary application of Nimbus is to log, manage and administrate the commissioning, servicing, maintenance, testing, performance and day to day use of the connected fire alarm system/s.

Nimbus replaces the conventional paper log book and automates the routine tasks.

Nimbus is the ideal management tool for service, building & estate managers who need to maintain a life time electronic log of their fire alarm systems and generate compliance reports.



### Accessible:

Nimbus is accessible from any Internet connected web browser device.

 <https://nimbus.lancontrolsystems.com>

### Any number of systems:

Managing any number of Fire Alarm systems can be time consuming and prone to errors, especially if the systems are different manufacturer's products, spread over a large area and serviced & maintained by different companies.

Nimbus centralises all Fire Alarm systems' activity through a single common platform detailing electronic history of the Fire Alarm throughout its use and life.



### Compatibility:

Nimbus is compatible with most analogue addressable Fire Alarm control panels. The Nimbus Gateway supports both stand-alone and networked Fire Alarms.

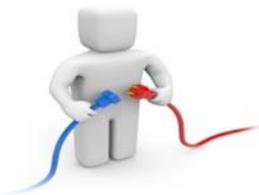


### Non Intrusive:

The Nimbus Gateway communications device is a non intrusive add-on. The Fire Alarm system functionality or performance is not affected.

### Simple to Install:

The Nimbus Gateway can be installed & connected within minutes. GPRS communications simplify the installation process. Optional I.P. connectivity available for sites with network infrastructure.



### Secure & Robust:

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 challenging.

Service & maintenance companies have different methods of reporting what has been tested; Engineer hand written docket, print-outs from control panels, site drawings with ticks or highlights against each device, coloured stickers attached to each device and scanned bar-code stickers.

These methods are prone to inaccuracy and do not provide proof that testing has been carried out.

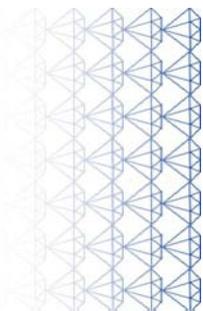
Nimbus records the actual Fire Alarm control panel activity, including specific details of device status and identity information.



### Extended and Searchable Log:

Many Fire Alarm control panels have a limited internal memory to log activity. It is not unusual for a Fire Alarm system to have more detection devices and manual call points than the internal memory can record collectively. Fire Alarm control panel printers are temperamental; prone to jamming and running out of paper. Print-outs are not easy to read, provide limited information and difficult to store, archive and recall.

Nimbus provides an extended searchable event log.



### Asset List:

Nimbus creates and maintains an asset list of all the fire alarm components quantifying and detailing each Panel, Loop, Addressed Device, Device Type with Descriptive labels. Additional asset management is possible through the Nimbus Engineer smart phone application enabling comments, barcodes and photos to be recorded.

### Reports:

Nimbus records Servicing and Weekly Test activity to specific logs presented 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 parameters.



## Notifications:

Event notifications are sent by:

- Email
- Mobile phone application
- Secure I.P. monitored applications



Any number of recipients can receive notifications based on Fire Alarm event types: Fire, Pre Fire, 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:

A Nimbus Manager administrates their own account and can add/edit/delete any number of Clients, Sites and Users. Users are given varying permissions to define which Fire Alarm systems can be viewed, which reports can be generated and which notifications to receive.

## File Storage:

Nimbus provides the ability to attach and store electronic files. The ideal location to store Fire Risk Assessments, Certification, Drawings, Reports and Panel Backup Files.

## Phone Application – Nimbus Notify:

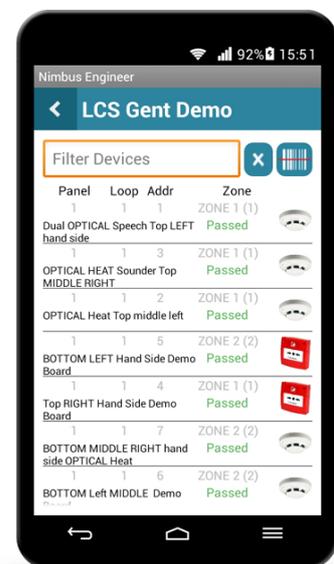
Receive Nimbus Notifications (Fire, Fault, Isolation etc.) via Nimbus Notify.

## Phone Application – Nimbus Weekly Test:

Automate the Weekly Test program within Nimbus.

## Phone Application – Nimbus Engineer:

Service engineers can receive confirmation whilst performing service/test duties and record faults or damage to Nimbus for corrective action.



LAN Control Systems can supply smart phones with the mobile phone applications installed

## Service & Operations Managers:

Reduce costs and increase engineering performance

Have confidence that the job has been carried out correctly

- Single engineer testing/commissioning
- Paperless system
  - Generate reports at any time from any location
  - Minimise administration costs
  - Simplify external audit inspections
- Predictive service
  - Schedule service visits
  - Plan which devices to service in each visit
- Proactive maintenance
  - Capture and comment failures or details to report to client
- Respond to faults
  - Check the system log before you attend site
- Attach and Store electronic files
  - Installation, Commissioning, Certification, Service and Maintenance documentation
  - Attach control panel configuration files, no more misplaced disks or USB memory sticks
- Measure & monitor
  - Engineer performance
  - Detection/system performance
  - Site engineering time & cost



### Nimbus Mobile

<https://lancontrolsystems.com/nimbus-mobile>

A service engineer can log service and testing activity on sites without an installed Nimbus

## Facilities & Estate Manager:

A new and creative way to manage and monitor your Fire Alarm systems Nimbus offering a higher level of management than has not previously been possible.

- Replace the conventional paper log book
- Automate routine Weekly MCP Tests and tasks
- Have confidence that the Fire Alarm is maintained correctly
- Monitor and measure contractor performance to get best value
- Compliance with BS5839/EN54 service requirements
- Compliance with Regulatory Reform (Fire Safety) Order 2005 maintenance requirements
- Promote good practice
- Independent proof of testing
- Integrate and manage different systems within a single platform
- Electronic total life history
- Create an Asset list of all devices
- Monitor the product life cycle
- Integrate data to CAFM and Internal systems
- Extend the life and functionality of existing systems

As a cloud based system Nimbus offers many advantages over conventional management systems

- Reduce cost
  - Paying incrementally reduces capital expenditure
- Reduced I.T. overhead
  - No specific internal hardware required
  - No specific software required
  - Scalable
  - Future proof
- Increase administration performance
- Automated
- Reduced carbon footprint
  - Less travelling
  - Less hardware/software/paper/consumables
- Flexible
  - Accessible from anywhere
  - Share data with colleagues
- Extended and searchable event log

LAN Control Systems specialise in Ethernet, Cellular and Serial communications. We produce hardware & software interfaces (middleware) for:

CCTV, Access Control, Intruder Alarms, Fire Alarms and BMS systems

We promote an open protocol philosophy enabling;

- Extending the life & functionality of existing systems
- Enabling inter-operability between different products
- Delivery through Desktop & Mobile

If you would like to know more about Nimbus or any other products from LAN Control Systems please contact through the following:

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