

**ENGINEERING SPECIFICATION
FIRE SYSTEM EVENT NOTIFICATION SOFTWARE**

January 2018

PART 1 GENERAL

1.1 SCOPE

- A. Cloud-based event notification software for remote monitoring of the fire system on a mobile device.
- B. The system shall include, but not be limited to, cloud-based event notification software, all input/output devices, network communications media, control equipment, auxiliary control devices, power supplies, and wire / fiber optic media.
- C. A supervised web-based interface to NOTIFIER fire alarm control panels and NOTI-FIRE-NET shall be made available.

1.2 SOFTWARE PERFORMANCE

- A. The system will report fire system events on a mobile device while using the App and via Push Notifications when the App is not in the foreground on a mobile device.
- B. The software shall have the capability to monitor an unlimited number of buildings and will display events from the monitored building.
- C. The software shall indicate the event type with an icon and use a color associated with the off-normal condition (e.g., RED for FIRE ALARM and YELLOW for TROUBLE), along with a counter to indicate the number of active events.
- D. The software shall display, for off-normal conditions, text indicating the type and location of the node and device, along with device properties and device history.
- E. The software shall have the ability to monitor stand-alone NOTIFIER® ONYX Series Fire Alarm Panels or NOTIFIER ONYX Series Fire Alarm Panels on a NOTI-FIRE-NET Network, through a web-based device:
 - 1. The web-based device will:
 - Serve as a bridge between the cloud servers and the Notifier Panel/NFN network
 - Translate an NFN network's panel and device data into data that can be interpreted by the cloud service.

2. The mobile software shall provide configuration capabilities for monitoring profiles and push notifications status. These profiles shall be user definable per software license.
- F. The software shall be password protected for each user.
 - G. The software shall support forwarding off-normal event notifications via email or text.

PART 2 PRODUCTS

2.1 GENERAL

- A. The product(s) shall be manufactured by as provided by NOTIFIER®. Model numbers specified are those of NOTIFIER® and are to establish the minimum standard of operating characteristics and quality.
- B. Substitute equipment proposed as equal to the equipment specified herein shall meet or exceed the minimum specified standard. For equipment other than that specified, the contractor shall supply proof that such substitute equipment equals or exceeds the features, functions, performance, and quality of the specified equipment.
- C. All equipment and components shall be new, and the manufacturer's current model. The materials, equipment, and devices shall be tested and listed by a nationally recognized approval agency.

2.2 SOFTWARE APPLICATION

- A. The software shall be the NOTIFIER® System Manager App license.
- B. The software shall operate on an iOS (Version 10 OS or higher) or Android (Version 5 OS or higher) mobile device, supplied by the user.

2.3 NOTIFIER® WEB-BASED DEVICE

- A. The web-based device shall consist of a gateway or webportal card which supports connection to the eVance Services cloud server.

END OF SECTION