

# VeriFire® Tools Programming and Test Utility

## General

**VeriFire® Tools** is the programming and test utility for ONYX® series products. This Windows® based utility, with online and offline capabilities, can be used to create the system programming in the comfort of home or office and then be downloaded from a laptop to the system in the field. It can also include user customizable views that can significantly reduce programming times, along with other new features, such as Project Services for better management and accountability of system databases.

VeriFire Tools includes the features, functionality, diagnostics and reports of legacy versions of VeriFire Tools, but includes a modern Windows application look and style. The redesigned user interface maximizes the real estate of the users screen for improved visualization and programming efficiency; with customized views users can dock/float, pin/unpin, hide all/show all, arrange new tables horizontally or vertically, and view multiple services simultaneously. It uses Microsoft Ribbon control with a user customizable Quick Access Toolbar, more detailed node tree layouts and full screen mode. To make Point and PAM programming easier and less time-consuming, universal context menu options are provided for copy/paste/delete, along with Excel-like sorting/filtering, find/replace, and device cloning capabilities.

VeriFire Tools employs projects that allow users to consolidate a site's node list into a single database file and password-protect it for added security. Users can also track any revision changes by versioning their Projects with detailed descriptive text. Legacy VeriFire Tools databases can be imported using Project Services.

## HONEYWELL CONNECTED LIFE SAFETY SERVICES (CLSS)

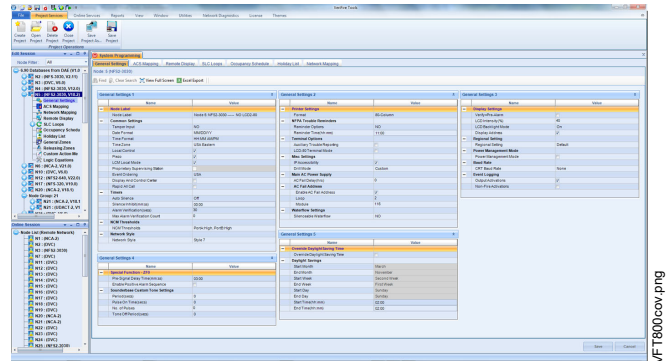
VeriFire Tools is available for licensed CLSS technicians. CLSS is an innovative, all-in-one cloud platform that enables systems integrators and facilities managers to deliver an enhanced fire safety service, while maximizing the performance efficiencies offered by Honeywell's trusted detection and alarm systems. The CLSS platform enables users to:

- Get a "bird's eye" view of all accounts
- Obtain real-time information on event generation, enabling diagnosis before dispatch
- Conduct tests and inspections using a mobile app (available in select markets)
- Provide end users with multi-site asset information and event alerts

For additional information go to [fire.honeywell.com](http://fire.honeywell.com).

## Features

- **Network Topology Map** is an additional Network Diagnostics service for HS-NCM networks that automatically constructs a visual representation of the NOTI•FIRE•NET™ network.
- **Network Level Download / Upload** allows system programmers to upload all panel data from a network as one batch, and to download all nodes in the project to the network as one batch.
- **Panel History Upload** brings event history into table format on the PC/tablet for improved readability and enhanced manipulation such as filtering and sorting.
- **Import from Excel®** brings control-by-event programming (CBE) and Logic Equations into VeriFire Tools from Excel.



- **Simulator** tool provides a graphic representation of inputs and their associated outputs.
- **Program Validation** tool identifies errors in system programming, such as inputs not associated with any outputs.
- **Compare Nodes** tool identifies differences between databases and highlights those discrepancies to help the installer test and validate the system.
- **Network Test** tool performs a communication test between selected nodes to verify network connectivity; test aborts if a real event occurs anywhere on the network.
- **Autoprogram** tool commands the system to read and enter the addresses for SLC detectors and modules, quickly verifying these devices within the utility.
- **Device Maintenance Report** clearly organizes valuable information about NFS-320, NFS2-640, and NFS2-3030 FlashScan detectors and modules; chamber values, percent of drift compensation and last functional test date.
- **Project Services** allows simple creation, editing, and management of project databases for entire networks.
- **Online Services** provides tools to for uploading/downloading databases, updating system application code, and performing read status and edit functions.
- **Supported Systems** include the NFS-320, NFS2-640, NFS2-3030, NCA-2, DVC (and associated DAL devices), UDACT-2, LCD2-80, NFS-640, NFS-3030, and NCA.
- **Connected Life Safety System (CLSS) Remote Programming** provides the option to upload/download the panel database remotely through the CLSS Gateway. Supported Panels are NFS-3030, NFS2-3030, NFS2-640, NFS-320, NFS-640, N16, and NCD.
- **Panel Feature Activation** VeriFire Tools enables the configuration of various panel features while connected with CLSS Cloud or when offline.
- **CLSS Cloud Database Backup** allows backup of the panel database on the CLSS Cloud.
- **CLSS Central Station Report** provides the option to generate Central Station Reports through CLSS.

For further details about these features, Operating System critical updates, and Service Pack prerequisites, see the VeriFire Tools backstage area for the "What's New in this Release" PowerPoint slideshow.

## Product Line Information

**VeriFire Tools:** Current version and retrofit versions are available for download from [www.securityandfire.honeywell.com](http://www.securityandfire.honeywell.com).

**75554:** DB9-NUP Programming Cable.

**75672:** USB A type to USB B type Programming Cable.

## Minimum System Requirements

- Operating System:
  - Windows 10 Professional/Enterprise (*64 bit editions only*)
  - Microsoft Surface Pro 3
  - Microsoft Surface Pro 4
- Hardware: Surface Pro 3/4 tablet or PC/laptop as specified below.
- PC/Laptop Minimum Specifications:
  - 1 GHz 32-bit (x86) processor and 4GB RAM, or 1 GHz 64-bit (x64) processor and 8GB RAM.
  - 3 GB free disk space (*600 MB recommended for audio storage*).
  - Mouse and keyboard.
  - X VGA monitor or newer; system display set to use small or medium fonts (*any color and resolution supported*).
  - Video card capable of supporting 1024 x 768 output resolution or higher and 16 bit color.
  - Internet Explorer® version 11.0, Build 18362 or higher. Internet settings should be configured to allow run scripts and be compatible with Transport Layer Security (TLS).
- Connectors:
  - 1 serial (COM) port or USB-to-Serial converter (ATEN Model UC-232A recommended.) (*Use a USB A to B cable. USB connection must be less than 10 feet long.*)
  - DB9-NUP cable (P/N 75554). (*Serial port recommended for NFS-3030, NFS-640, NCA, and LCD2-80.*)
  - USB A type to USB B type cable (Notifier P/N 75672). (*USB 2.0 port recommended for NFS2-3030, NCA-2, NFS2-640, NFS-320, DVC, and UDACT-2.*)
  - N16, NCD Supports USB Type C cable, 1 serial (COM) port or USB-to-Serial converter (ATEN Model UC-232A recommended)
- Internet connection for:
  - Login
  - Remote upload/download via CLSS
  - Email services
  - Downloading/updating user manuals from [www.notifiermanuals.com](http://www.notifiermanuals.com).
  - Config file backup to CLSS
  - Panel feature activation

- MAPI compatible email client, such as Microsoft Outlook® or Microsoft Outlook Express, to use email services

## Digital Audio

### TO PROGRAM THE DIGITAL AUDIO SYSTEM:

- USB port (for suggested USB Digital Headset used in audio recording).
- Plantronics® DSP500 Digital Enhanced USB Headset (recommended) or your PC's sound card with any standard UL-approved PC microphone.
- GoldWave® Digital Audio Editor (recommended) or equivalent audio editing software.

### DIGITAL AUDIO FILE FORMAT DESCRIPTIONS

Audio editing software must be able to save files to .wav format with the following descriptions:

Fidelity	High Quality	Standard Quality
Format	PCM	µ-law
Sample Rate	44100Hz	11025Hz
Bit Depth	16-bit	8-bit
Channel	mono	mono



This document is not intended to be used for installation purposes.  
 We try to keep our product information up-to-date and accurate.  
 We cannot cover all specific applications or anticipate all requirements.  
 All specifications are subject to change without notice.

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Country of Origin: USA

