



VeriFire® Tools
Product Installation Document

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1 Overview

VeriFire® Tools allows you to create and edit databases for IFC-320, IFC-640/IFC2-640, IFC-3030/IFC2-3030 Fire Alarm Control Panels (FACP), network control annunciators, and related fire system equipment. VeriFire® Tools works online or offline. The program provides an integrated utility to allow you to upload or download databases, firmware, or custom LCD display images. Program Check and Report Generators are also part of the program.

If you are running VeriFire® Tools on an IFI workstation, use VeriFire® Tools to upload and download any new application code or databases that were created using this program. ***This behavior has changed from earlier versions of the program.***

This document contains instructions for installing VeriFire® Tools software version 8.00 and higher, connecting a PC to the fire control device, and running the program's help files.



NOTE: VeriFire® Tools is not intended for permanent connection to the fire control system.



WARNING:

DURING A DOWNLOAD OPERATION, THE FACP, NETWORK ANNUNCIATORS, AND DIGITAL AUDIO SYSTEM WILL NOT PERFORM FIRE PROTECTION AND LIFE SAFETY FUNCTIONS. WHEN A DOWNLOAD IS FINISHED, THE PANELS WILL REBOOT IN ORDER FOR THE PROGRAMMING CHANGES TO TAKE EFFECT. AFTER COMPLETING AN UPLOAD OPERATION, MAINTAIN A BACKUP OF THE RETRIEVED DATA.

ALWAYS VERIFY SYSTEM OPERATION AFTER ANY PROGRAMMING CHANGES!



CAUTION:

THE USER-SUPPLIED SYSTEM MUST MEET THE MINIMUM SYSTEM REQUIREMENTS. THE USER MUST FOLLOW THE DETAILED INSTALLATION INSTRUCTIONS SET FORTH IN THIS DOCUMENT. THE MANUFACTURER CANNOT BE HELD RESPONSIBLE OR LIABLE FOR ANY ASPECT OF THE USER-SUPPLIED SYSTEM OPERATION AND WILL NOT PROVIDE TECHNICAL SERVICES OF ANY KIND. THIS KIT AND ANY PC IN WHICH IT IS INSTALLED DOES NOT HAVE UNDERWRITERS LABORATORIES® (UL) LISTING.

2 Minimum System Requirements

- Windows® 7 Professional / Ultimate (both 32 and 64 bit editions), Windows 8 & 8.1 Professional / Enterprise (both 32 and 64 bit editions).
- PC or laptop with:
 - 1 GHz 32-bit (x86) or 64-bit (x64) processor.
 - 2GB RAM for 32-bit systems or 4GB RAM for 64-bit systems.
 - CD-ROM drive.
 - Mouse and keyboard.
 - 250 MB free disk space. (600 MB recommended for audio storage.)
 - XVGA monitor.
 - Video card capable of supporting 1024 x 768 output resolution and 16-bit color.

- System display set to use small or medium fonts (any color and resolution supported).
- 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) for serial connections.
Serial port recommended for IFC-3030, IFC-640, and JNCA, and LCD2-80 connections.
- USB A type to USB B type cable (P/N 75672).
USB 2.0 port recommended for IFC2-3030, JNCA-2, IFC2-640, IFC-320, and JDVC connections.
- Internet connection for remote network connections, downloading/updating user manuals from the company website, and email services.
- MAPI compatible email client, such as Microsoft® Outlook or Microsoft® Outlook Express (to use email function).

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.
- Windows Media Player (installed by default by all supported operating systems).

■ 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

3 Installing the Software

As of VeriFire Tools 8.00, more than one version of the utility can be installed on a particular computer. For example, a computer might have one version below 8.00, and two versions 8.00 and above. These two versions should **not** be running at the same time.

When the installation wizard detects an older version, on-screen instructions will prompt to ask whether the existing version should be removed. When asked if you wish to replace the existing installed version with this newer version:

- Click <YES> to uninstall the existing version.
- Click <NO> to keep the existing version as well as the new version.

Use the Windows Control Panel to uninstall at a later time.

The installation wizard will offer to check for earlier databases from VeriFire Tools 8.00 or higher; these will be updated if the user selects <YES>. Databases from VeriFire Tools 7.10 or lower must be imported individually into a new project created in VeriFire Tools 8.00 or higher.

■ Install From Internet Download

1. Download VeriFire® Tools from www.ifc-fire.com.
2. Save the VeriFire® Tools zip file to your PC.
3. Extract the zip file’s contents to a folder and run the .exe file to install.
4. Follow the on-screen instructions to complete the installation.

■ Install From CD

1. Insert the VeriFire® Tools CD into your PC's CD-Rom drive.
2. If the install program does not automatically start, select Run from the Windows® Start menu. Use the Browse button to navigate to the CD-ROM drive and open the file: **VERIFIRETOOLS.EXE**.
3. Follow the on-screen instructions to complete the installation.

4 Running the Program

As of VeriFire Tools version 8.00, more than one version of the utility can be installed on a particular computer, but only one version should be run at a time.

■ VeriFire Tools 8.00 and higher

From the Windows® Start menu, select

All Programs > VeriFire Tools > JCI VeriFire Tools 8.xx\JCI VeriFire Tools 8.xx.

Substitute the appropriate version for 8.xx.

■ VeriFire Tools prior to 8.00

From the Windows® Start menu, select *All Programs > VeriFire Tools > JCI VeriFire Tools.*

5 Learning More

See the “Getting Started” topic in the help file. While the program is running, press **F1** on your keyboard for details on operating the application, or visit the Backstage area (located at the File item on the ribbon menu) for a VeriFire Tools Help File button. The Backstage area also offers video overviews of the new program design.

Users who download PDFs from www.ifc-fire.com can open these from the hyperlinked Related Documents chart in the help file, when the following storage & naming conventions are followed:

- Download a PDF into C:\JCI\VeriFire Tools 8.xx\Bin\HelpFiles\
(Substitute the appropriate version for 8.xx.)
- Keep the filename as [partnumber].pdf, without any extra text in it (such as revision or panel name).
For example: 15330.pdf not 15330-g.pdf.



NOTE:

Importing Existing Projects from VeriFire Tools 8.00 and higher.

When “Open Projects” is selected from the ribbon menu of VeriFire Tools 8.00 and higher, there is an option to import existing projects. This operation will import existing projects from a previous release of VeriFire Tools 8.00 and higher. It does not import databases from VeriFire Tools 7.10 and lower.

Importing Data from VeriFire Tools 7.10 and lower.

Network databases must be imported separately. Create a project and select “Import database”. Browse to the location of the legacy databases, and double-click the selected network. An alternate method is to connect to a programmed network, and upload the system programming. See the help file for details.
