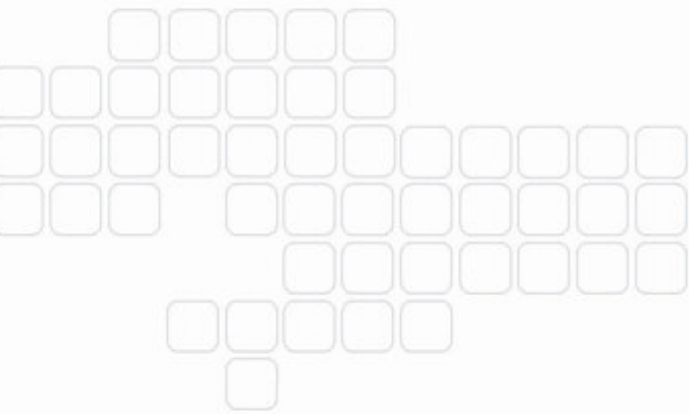
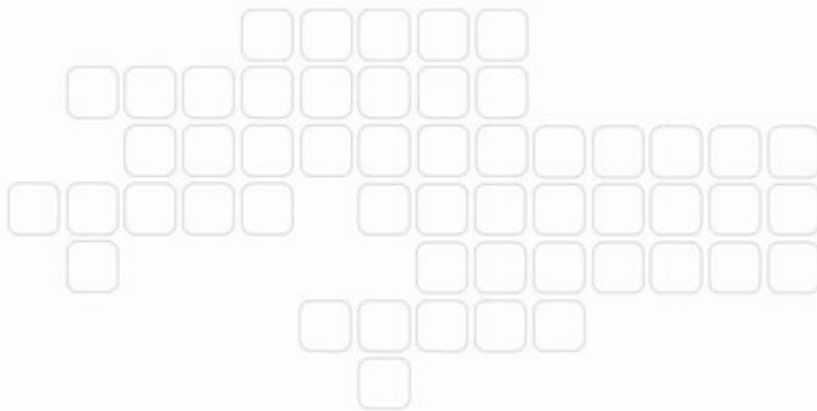




USER'S MANUAL

Station Setup Guide

Version 5.4.2.8



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This product is designated for use solely as a component and as such it does not comply with the standards relating to laser products specified in U.S. FDA CFR Title 21 Part 1040.

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1 Introduction

This document describes the process of setting up a PC to be a FireSync Station node. Any PC meeting the requirements can become a FireSync Station node by installing the appropriate software. As a FireSync Station node, its firmware can then be updated by performing a system upgrade.

2 Requirements

The minimum requirements of a PC that can serve as a FireSync station are as follows:

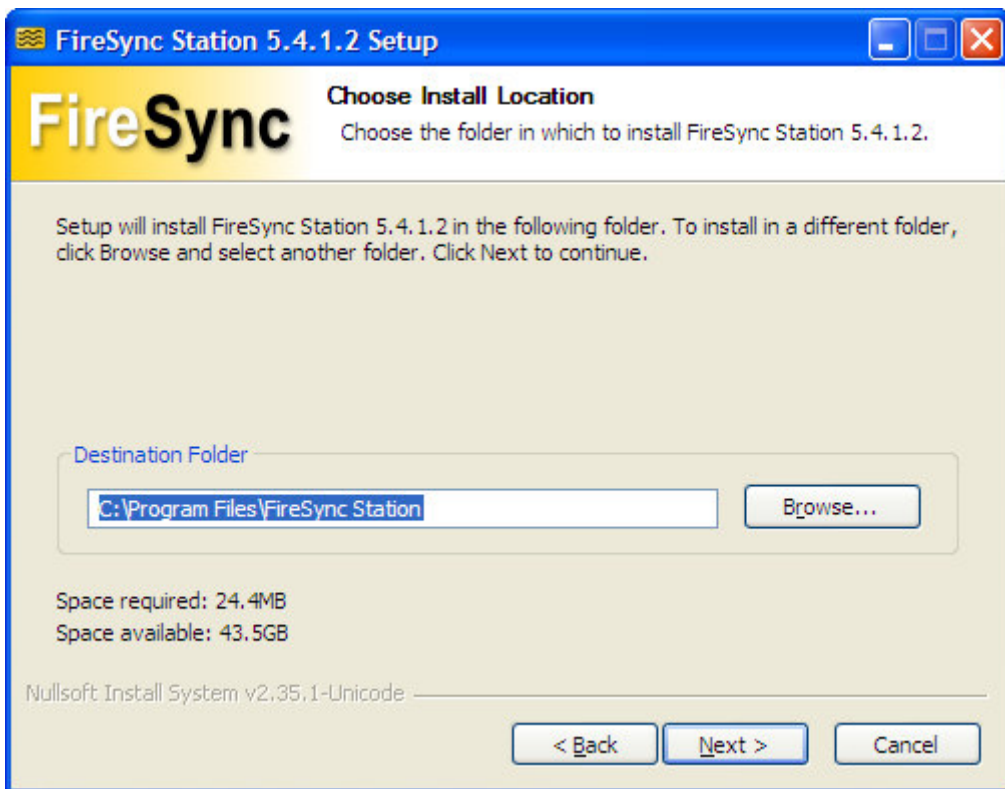
- OS: Windows XP SP2, Windows Vista 32-bit or Windows Vista 64-bit
- CPU: 2 GHz Intel Pentium 4 or equivalent*
- PCI Express Chipset
- 1 GB RAM*
- Intel PRO/1000 Network Adaptor or equivalent*

* Higher CPU and more memory may be required for some sensor systems. Additional requirements will be communicated through the sensor system documentation.

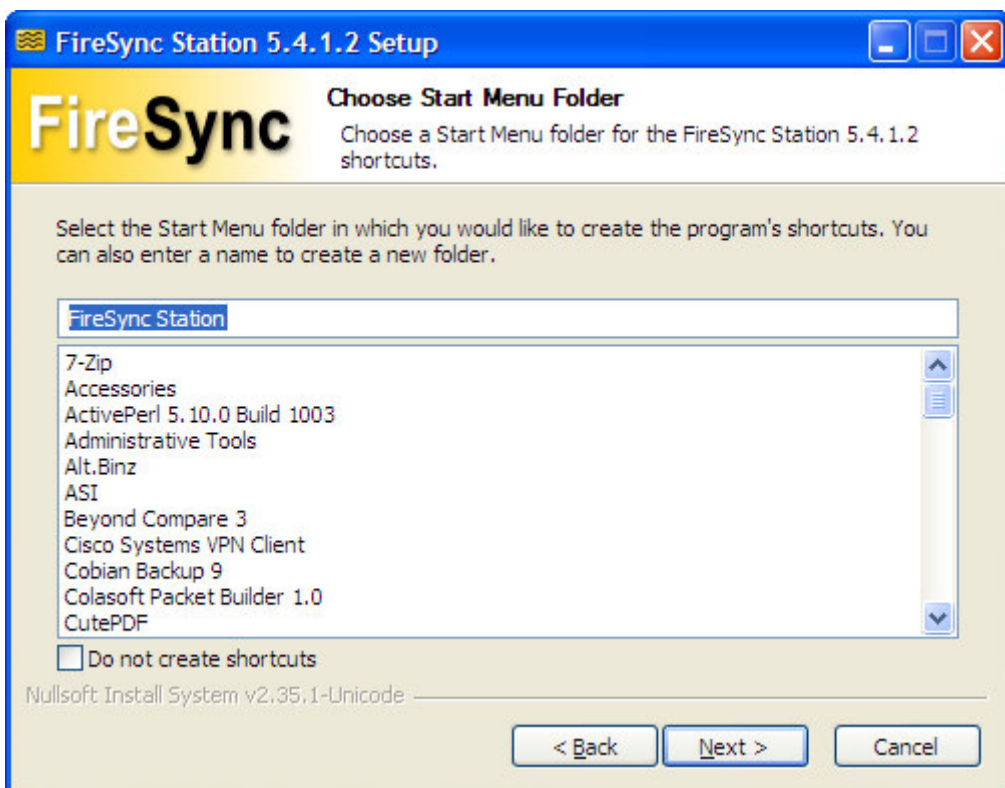
** An additional network adapter is needed if the station is to serve as a FireSync Host Protocol server or data provider.

3 Installation

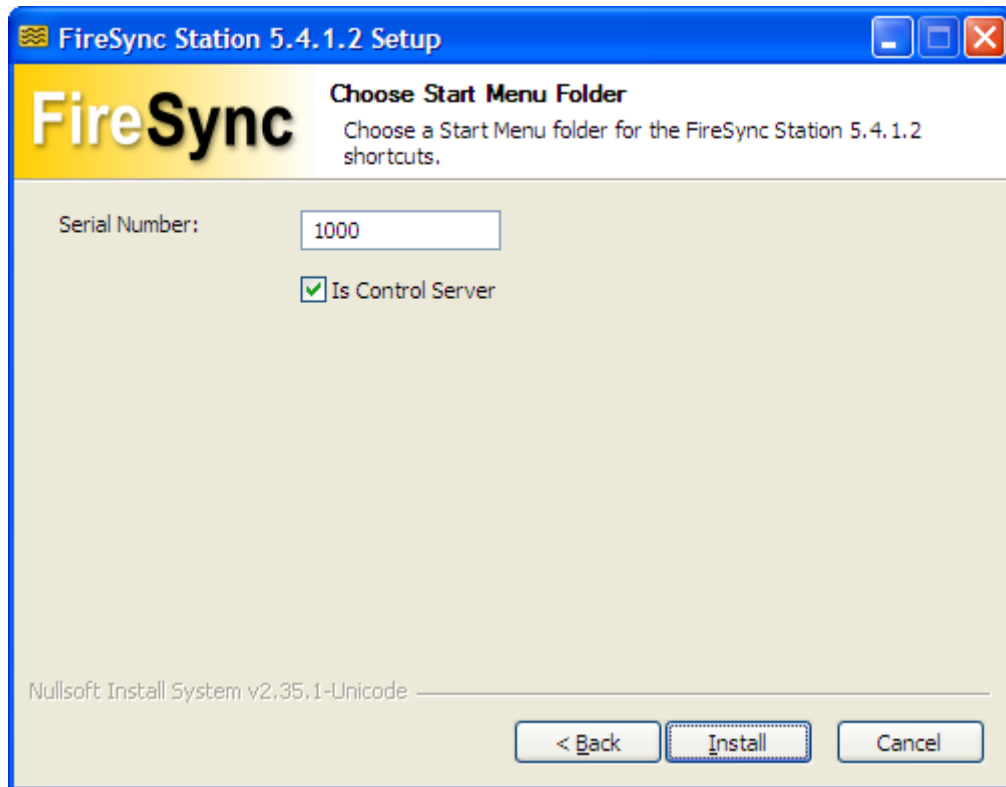
To begin, run the station installer executable.



After the initial screens, you will be prompted for the installation location. This can be any valid location.



Start menu shortcuts are added as a convenience and can be renamed safely. Note that a shortcut will be added to the “Startup” folder even if “Do not create shortcuts” is checked.



This screen prompts for station attributes:

- **Serial Number:** Must be unique within a sensor network. Default is acceptable if it is the only station.
- **Is Control Server:** Whether or not the station is to serve as a FireSync Host Protocol server. If it is the only station on a network, then this should be checked.

3.1 PC with Existing Station Software

If the PC contains existing station software installed by other means, the shortcut menu item in the “Startup” folder of the Start Menu should be deleted first. Then the station software can be installed to the same location if the existing files are deleted first. Alternatively, the new software can be installed to a different location, without having to delete the original files.

4 Post-Installation

4.1 Network Interface Configuration

The network interface on the PC should be configured for proper operation.

4.1.1 Sensor Network Interface

The sensor network interface is the network interface that is connected to the sensors through a switch. This interface should be on the subnet of 90.0.0.0, with a mask of 255.0.0.0. All other settings should be left on default.

Care must be taken when setting the IP address to avoid conflict with those of sensors. A safe range of network addresses to use for stations are 90.0.0.1 to 90.0.0.10.

4.1.2 Public Network Interface

The public network interface is the interface over which client software communicates with the FireSync Host Protocol server. This should be configured according to your own network setup.

4.2 System Upgrade

The station software installation loads only basic firmware so that the station can be upgraded as a FireSync node. It does not yet contain the necessary firmware to perform its designated functions in a sensor system. A system upgrade should be performed to complete the process so that the sensor system is fully usable.

The system upgrade package and relevant instructions are provided separately.