# InetSupervisor

InetSup\_QuickStart

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## **1 Operating System Setup**

### 1.1 Install the Windows Professional or Server Operating System

InetSupervisor requires a Windows operating system of *Windows 2000* or later. The operating system must be of a professional or server edition (*windows XP home* will not work). It is recommended that the SERVER be configured with a static IP address.

1.2 Install the "IIS" Option for Windows OS:

- 1. Click *Start*, then *Settings*, then select *Control Panel*.
- 2. Double click *Add/Remove Programs*. When the *Add/Remove Programs* dialog box opens, select *Add/Remove Windows Components.*
- 3. When the *Windows Components Wizard* dialog box opens, place a check mark on *Internet Information Services (IIS)*, then click *Next*.
- 4. Follow the on-screen instructions. When the *Windows Components Wizard* has completed, click *Finish*.
- 5. Close the *Add/Remove Programs* dialog box.

### 1.3 Install the Latest Operating System Service Pack

- **NOTE:** This step is not necessary to install InetSupervisor, but it will increase your computer's protection against viruses.
- 1. Click Start, then Windows Update.
- 2. When Microsoft Windows Update Internet Explorer opens, select Scan For Updates.
- 3. Once updates have been found, select Critical Updates and Service Packs.
- 4. Follow the on-screen instructions and close Internet Explorer when finished.

### 1.4 Lonworks Network Installation

1. **InetSupervisor** must have the LNS runtime environment installed on the same computer as the LNS driver to communicate with the LNS database. This can be installed with a copy of *LonMaker for Windows* or it can be optained through other sources. Please contact your distributor for available options.

Note: If not using a Lonworks network, please skip this step.

### **2** InetSupervisor Installation

Place the *Inetsupervisor* CD in the CD-ROM drive or download the installer from www.InetSupervisor.com. If downloading the InetSupervisor Suite from the Internet, navigate to http://www.InetSupervisor.com and click on the InetDownload button. Download the installation CD .rar or .zip file. When the download is done, unpack the installation files to a temporary location. If the installer does not start automatically or if running from a download, start the installation program by clicking on *Launch.exe*.

From here click Install Products to choose which products to install.

- **1. DotNet Framework**: This installs Microsoft's *DotNet* framework 2.0. It is required to run InetSupervisor.
- 2. Database Server: The DatabaseServer needs to be installed in most cases. The exception is if the PC already has a default instance of the MS SQL Server installed. Typically software from Honeywell, CSI, and Circon installs the MS SQL Server.
- **3.** Database Config: This is required for InetSupervisor. It gives a portal to manipulate and configure the Inetsupervisor configurations and databases.
- 4. Concentrator Service: This is required to handle alarming, trends, schedules, etc. It must be installed on the same computer as the SQL server.
- 5. HMI Web: This installs the virtual web directory for InetSupervisor web pages.
- 6. LNS Driver Service: Install this if you are going to attach to a LonWorks network. This must be installed on the computer with the LNS server to communicate with the LNS network. The LNS server must be installed prior to installing the LNS Driver Service.
- **7. BACnet Driver**: Install this if InetSupervisor is to communicate with a BACnet over IP network including Johnson Controls.
- 8. Alarm Mnager: A client side alarm management utility, it may be installed on any computer. This is to be installed on remote computers.

- **9. HMI Web Service**: This provides the necessary frame-work for remote communication with outside applications like the *Alarm Manager*. This is necessary if using remote applications.
- **10. TEAM**: This installs InetSupervisor's phone-based after-hours tenet scheduling and billing system: *InetTEAM*.

When you have finished installing all of the programs you wish to use, you may click *Menu* to return to the Launch menu and then *Exit* to exit the installation program. Please reboot the computer at this time.

### **3** InetSupervisor Configuration

### 3.1 Configure DatabaseConfig

- 1. Click *Start*, then *Programs*, *HMI*, *DBConfig*. A dialog box with instructions to configure the *LNS Network Name and LNS Network Interface card* may appear. If this is the case, click *OK* to continue.
- 2. The InetSupervisor Login dialog box will appear. Log-in with default user name "q" and password "q."
- 3. The *DatabaseConfig* dialog box will appear.
- 4. Click *Configure*, then *SQL Database*.
- 5. Click *Verify Database Structure* to update the database to its latest version.
- 6. Exit when the control is done checking the database.

#### NOTE: Do not skip database updating, even on new installations. It will take a few seconds.

### 3.2 Importing an LNS Database

You must install LNS Server before continuing. The LNS Server is automatically installed by most Network Management tools ie. LonMaker, etc. You may also purchase it from Quark Communications as a separate download.

- 1. Click *Start*, then *Programs*, *HMI*, *LNSConfig*.
- 2. The InetSupervisor Login dialog box will appear. Log-in with the default user name "q" and password "q."
- 3. The *LNSConfig* utility will appear.

- 4. Click Configure, Restore LM Database.
- 5. Browse to the LNS database back-up and click *Restore*.
- 6. When the database unpack is complete, click *Configure*.
- 7. The LONConfig utility will start. Choose the database name and network interface the server will use.
- 8. Close all three utlities.

### 3.3 Modify InetSupervisor Startup Parameters:

- 1. Click *SqlDatabase*, then select *Config Table*.
- 2. Click *Load/Refresh* to populate the table.
- 3. Enter the LNS Network Name into its Property Value field.
- 4. Enter the *LNSNetworkInterfaceName* into its *Property Value* field .
- Click Update to write changes into the database. Note that the LNSNetworkName and LNSNetworkInterfaceName are both case sensitive.
- 6. Close the *Config Table*.

Your server and InetSupervisor are now set for importing and configuring data points for trending, scheduling and attaching to your web pages for a user frendly and powerful web based front-end. For a more detailed look at the InetSupervisor installation please see Inet\_SetupManual.pdf. The Inet\_UserGuide.pdf has complete instructions on using InetSupervisor's built in tools like 3D trend graphing and remote alarming, plus building your own interactive graphical web pages. Our Flash Component SDK allows advanced users to build custom graphic components such as animations.