

Section 4 – Jupiter Network Suite Control Console

The JNS Control Console is the application used to launch the various Jupiter Network Suite (JNS) programs. It is also used to launch the Jupiter Configurator (table editor).

The Jupiter Network Suite is a collection of several programs designed as a replacement and enhancement to the Jupiter Network Interface Application (JNIA) software. JNS programs include:

- Software Control Panel Suite (GUI control panel)
- Board Status
- Control Center[§]
- CP IO Set Editor[†]
- Force Unlock[§]
- JNS Configuration
- Logger[§] and LogViewer[§]
- Party Line Download[§]
- Physical Control[§]
- Physical Diagnostic Utility[†]
- Physical Remapping Utility[†]
- Router Control Utility
- Router Save/Restore
- Saturn Monitor Follow & Preview

Installation

Software must be installed as described in Field Engineering Bulletin supplied with the software.

Caution: software must be installed by, modified by, and when necessary removed by a user with Administrator privileges since Jupiter is installed in the root directory. The same login must be used for all these operations.

At the end of the installation process, the JNS programs can be activated using the JNS Control Console application.

Launching the Control Console

The JNS Control Console is located at Start > Programs > Jupiter Network Suite > JNS Console. When the program is launched, the window shown in Figure 4–1 will appear.

[§] This application replaces a similar program used in connection with the Jupiter Network Interface Application (JNIA).

[†] This application cannot be run on a “Remote” PC (a Remote PC is shown on page 2–38).

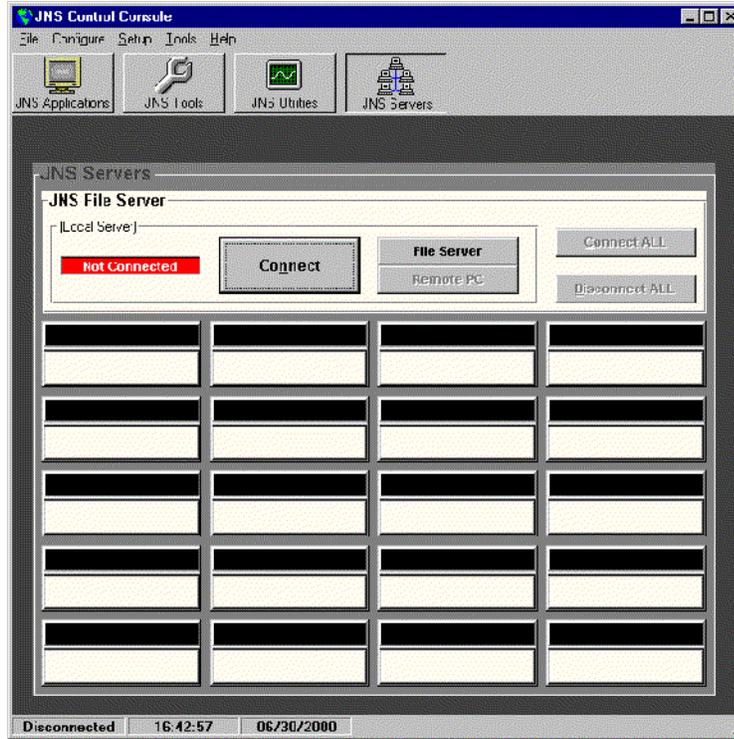


Figure 4-1.

The JNS Control Console must be “connected,” i.e., directed to examine/control a particular computer. In this example, there is only one computer—the “File Server.” Click on the computer, then Connect. A menu similar to that shown in Figure 4-2 will appear.

Note 1: When starting the Jupiter software for the first time, you may need to confirm that the file “JNS Console.i-ni” should be created.

Note 2: when starting Jupiter for the first time, you may see the following message:



This condition is normal at this stage of installation; click “OK.” Creation and selection of sets is described in the next section of this manual.

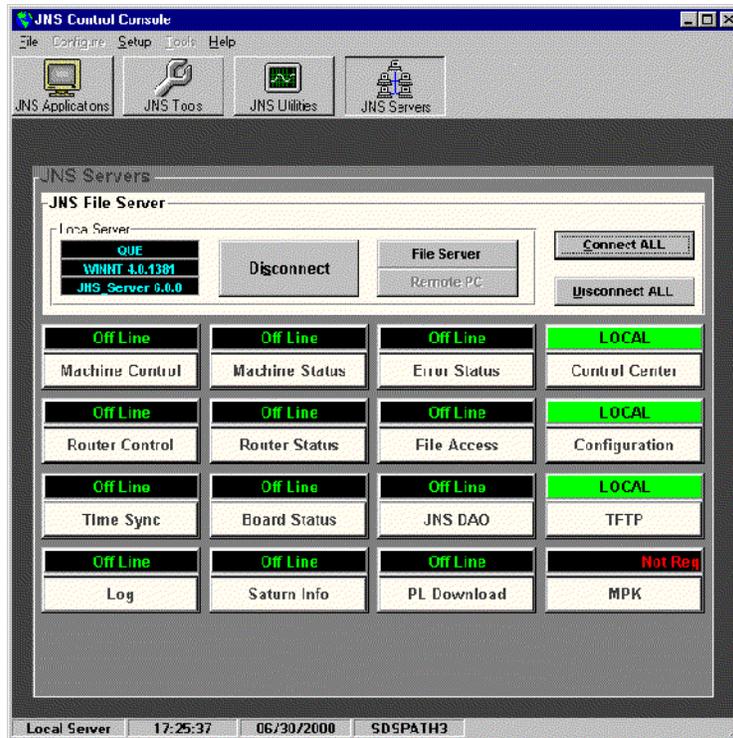


Figure 4-2.

The “connection” step will automatically launch certain JNS “servers” (programs) on the File Server PC. Running programs are indicated by the term “Local.” These background programs provide data needed by other software: specifically, the JNS Applications, Tools, and Utilities. These three program groups, which are shown across the top of the window, consist of the following programs:

JNS Applications Group

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• Control Center	9-1
• CP IO Set Editor	10-1
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• Logger	12-1
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• Saturn Monitor Follow & Preview	19-1
• Software Control Panel Suite (GUI control panel)	7-1

JNS Tools Group

• Configuration editor (“Configurator”)	5-1
• Board Status	8-1
• Force Unlock	11-1
• Party Line Download	13-1
• Physical Control	14-1
• Physical Remapping Utility	16-1

- Router Save/Restore [18-1](#)

JNS Utilities Group

- Physical Diagnostic Utility [15-1](#)

Click on the appropriate group button, then the program button. For information about individual programs, refer to the page number shown.

When the Jupiter system is set up initially, the “Jupiter Configurator” must be used next. This is described in Section 5 of this manual.