

## *Appendix G*

### *Jupiter Remote PC / Extended*

#### **OVERVIEW**

The remote PC configuration will allow a user to control JNS applications from a workstation other than the file server. This configuration is handy for those who wish to access the Jupiter GUI control panels but do not want to use the file server to do so. Additionally, the operator may want to administer the file server in a secure location, but desire a separate workstation where general operations can be facilitated. The remote PC configuration can be implemented in two ways:

1. A remote PC configured on the same network.
2. A remote PC configured on a separate network.

In any event, careful consideration should be taken to ensure the integrity of your Jupiter network. We recommend the following guidelines when deciding on a remote PC:

1. Make sure your Jupiter network is a separate network from your intranet.
2. Do not run applications on your Jupiter network that might jeopardize your hardware / software – like e-mail.
3. Do not run your Jupiter network on a domain, as this is not supported.
4. Since remote PCs (either extended or not) require the same administrator log in and password as the file server, security is minimal.

Running a remote PC requires the file server to be connected. Additionally, you must disconnect the remote PC before disconnecting the file server. You will receive a warning if you attempt to disconnect the file server while “clients are currently connected.”

#### **REMOTE PC**

The following servers will run at the file server – Control Center, Configuration, TFTP, and MPK.

The remaining servers will run locally at the remote PC.

This option is for those who wish to operate JNS from a remote PC that is on the same network as Jupiter.

#### **REMOTE PC EXTENDED**

All servers will run at the file server.

This option is recommended for use with all remote clients.

Remote PC Extended supports remote clients on the same network as Jupiter or on a separate network.

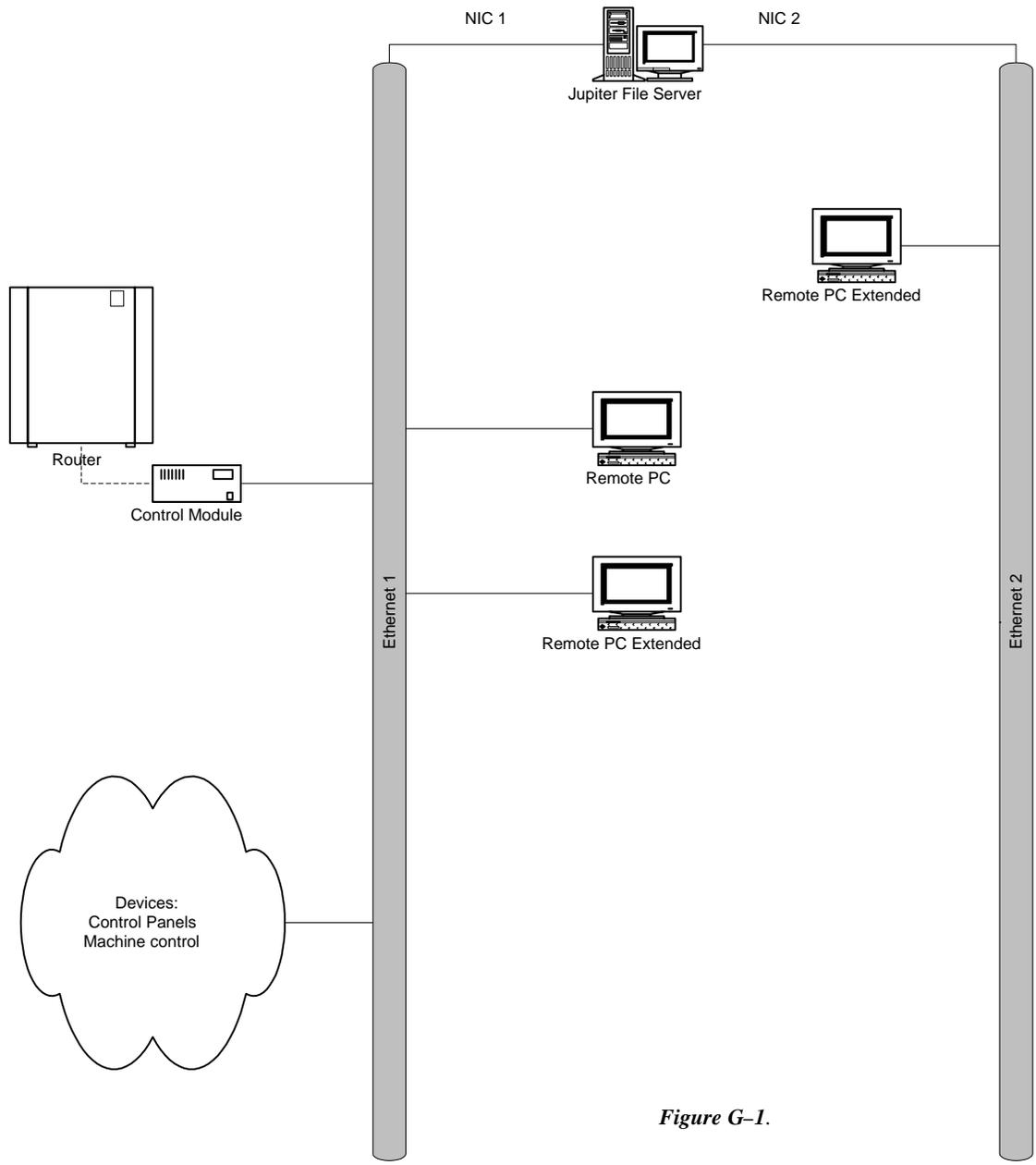


Figure G-1.

## INSTALLATION

1. In order to perform a “Remote” installation, you must first satisfy some prerequisites:
  - a) Jupiter must already be installed on a dedicated file server – the installation must be a “file server” installation.
  - b) The file server must be running, JNS should be “connected”, and an active set must be present.
2. Before the remote installation – make sure the remote PC is using the same user name and password as the file server PC. This also means the login has administrator privileges (just like the file server PC). Jupiter does not support domains.
3. When installing the “remote” client, be sure to: install Jupiter in the exact same path where JNS was installed on the file server PC. Example: if Jupiter was installed to “C:\program files\Thomson\Jupiter,” then the remote PC needs to be directed to the same location (locally of course) when prompted by the install wizard. Install to “C:\program files\Thomson\Jupiter.”
4. Begin the installation – when you arrive at the screen entitled “Choose the setup type that best suits your needs” select REMOTE.

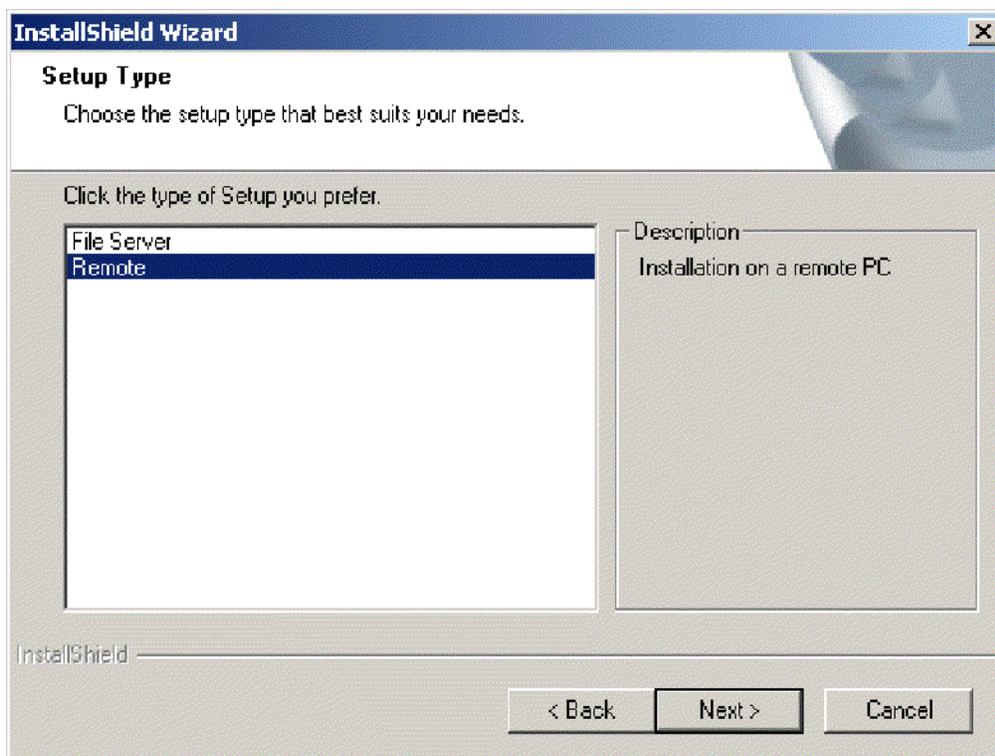


Figure G-2.

5. If you have multiple NIC cards installed – select the card that will be communicating with Jupiter.
6. Once installed – select Configure/Remote PC (Extended) and enter the IP address of the File Server. Providing the file server is already connected, select the connect button and a remote connection should be established.

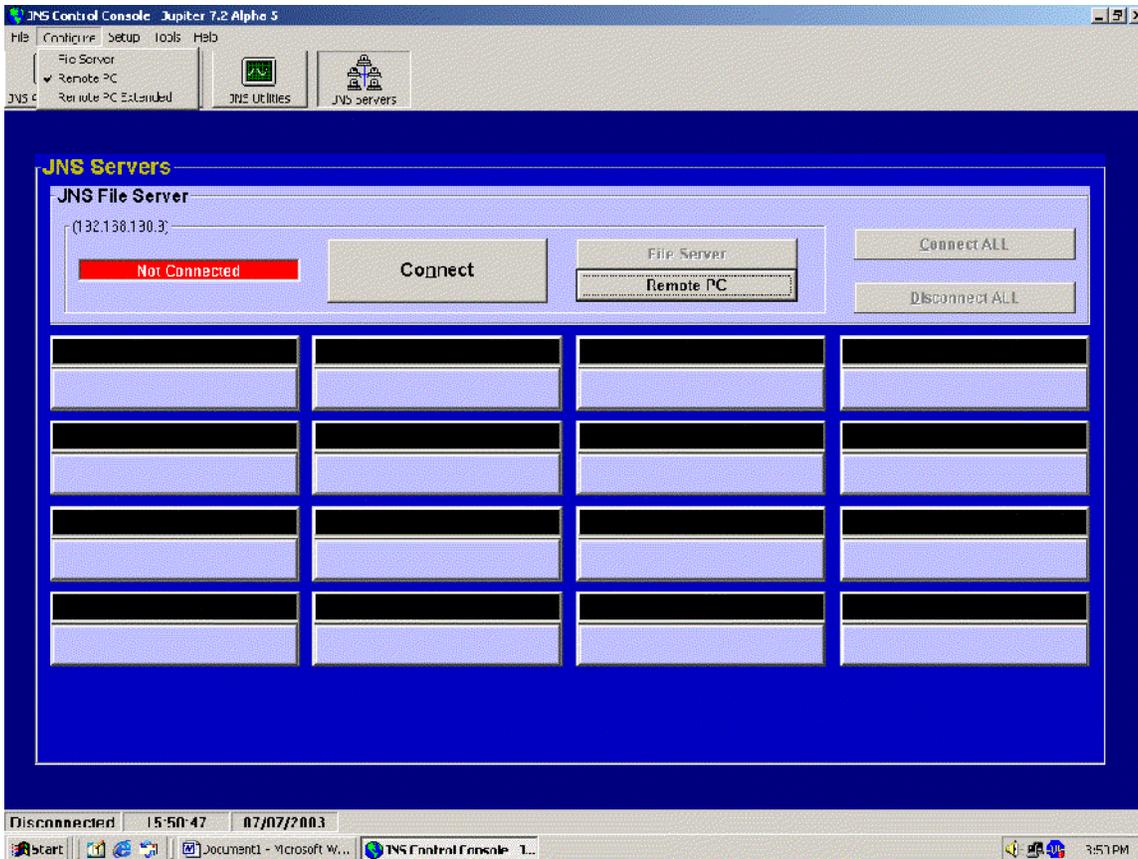


Figure G-3.

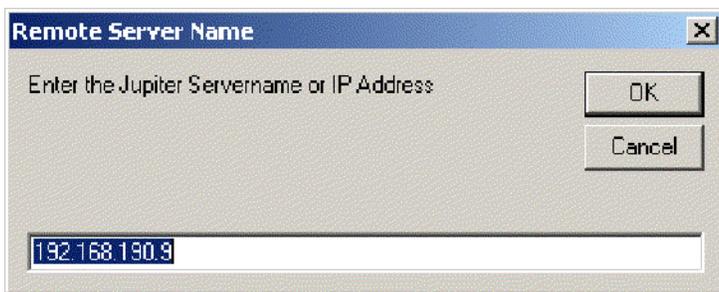


Figure G-4.

## RUNNING A REMOTE PC

1. You can also configure a file server to run remotely – providing you have another file server on the same network running JNS to act as the file server.
2. Select the PC to be “remote” and disconnect if already connected.
3. Identify the file server PC and make sure it is connected.
4. At the remote PC – select Configure and choose whether you want Remote PC or Remote PC Extended (Remote PC Extended is recommended).
5. When you have made your decision enter the IP address of the PC you identified as the file server.

6. Providing the file server is already connected, select the connect button and a remote connection should be established.

The screen capture below shows what a Remote PC (not Extended) looks like when connected – note the servers in the right hand column. In addition, notice Remote PC is enabled while File Server is not.

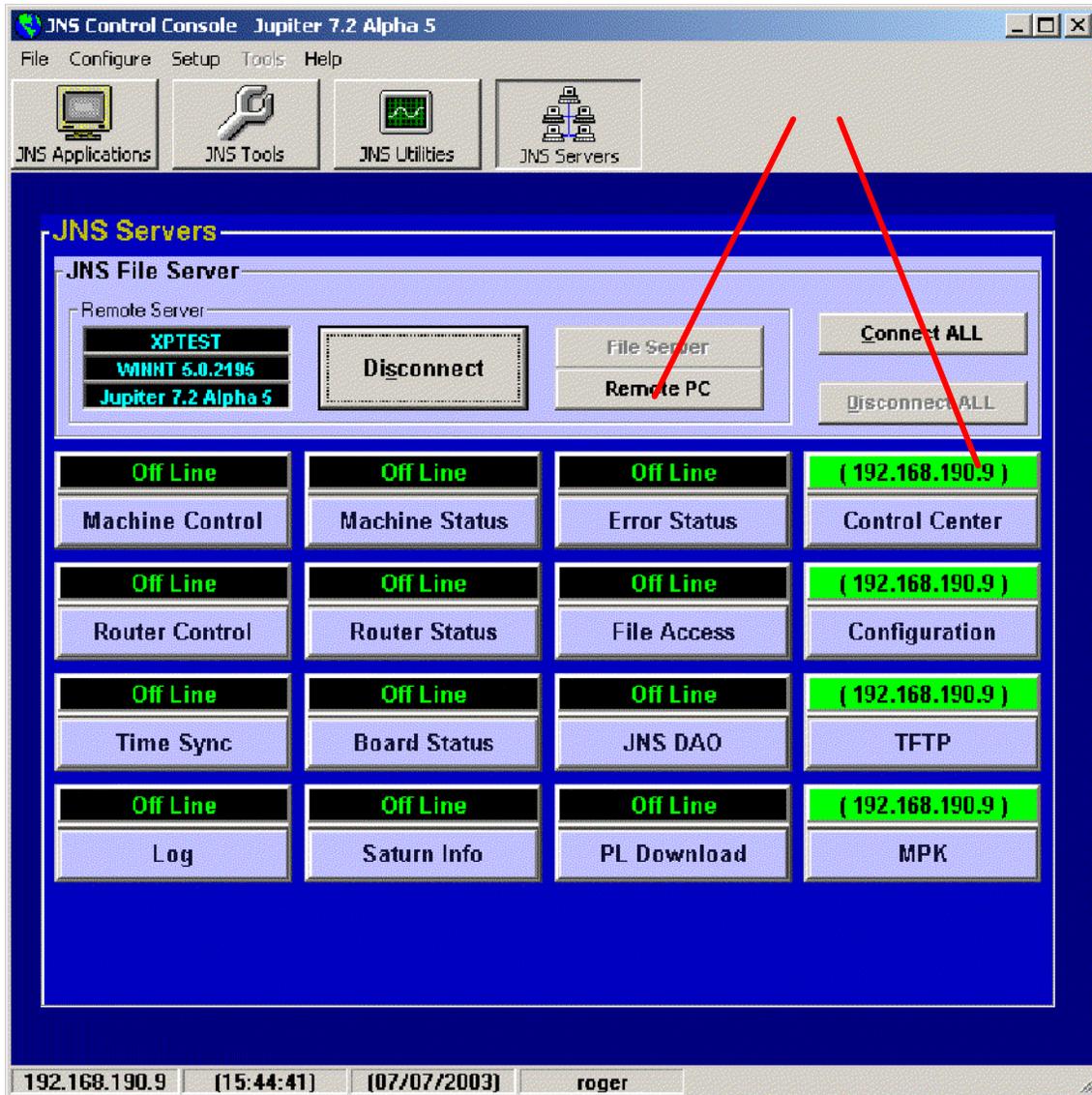


Figure G-5.

## **REMOTE INSTALLATION**

The configuration editor is not supported and therefore not included as part of the “remote” install.

You will not be asked about Saturn MeterLan Software, and therefore no related configuration is necessary.

## **REMOTE CONFIGURATION**

The following applications are not supported under a remote configuration: CP I/O Editor, Physical Remapping, and Physical Diagnostics. In order to run these applications, you must do so from the file server.