



# *IBM NetVista Thin Client Manager Operations Utility*

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**5/18/00**



## *TCM Operations Utility*

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- ▶ **Intended for use by Service, Marketing, and Administrators**
- ▶ **Java application that runs on NT 4.0**
- ▶ **Used to Remotely Manage Thin Client Express**
  - ◆ **Assists with Flash Card Updates and Reflash**
  - ◆ **Migration of Thin Client Express to our Flagship NSM product**
  - ◆ **Simple operations such as reboot and Wake on LAN**



## *TCM Operations Utility*

### *Managing Thin Client Express*



- ▶ **Act as a remote "Power Switch" to the Thin Client Express**
  - ◆ **Shutdown**
  - ◆ **Reboot**
  - ◆ **Wake On LAN**
  
- ▶ **Remotely sets the NS Boot settings for the Thin Client Express**
  - ◆ **Boot from Flash**
  - ◆ **Boot from Server**
  - ◆ **Authenticate from Server**



## *TCM Operations Utility*

### *Managing Thin Client Express*



- ▶ **Set the Thin Client Express to perform a Flash Update on next boot**
  - ◆ **Note, the Thin Client Express Service Utility provides the flash image for this update**
- ▶ **Perform Backup/Restore of Configuration files**
  - ◆ **Useful for cloning workstations**
- ▶ **And more...**
  - ◆ **Start / Stop Telnet Daemon**
  - ◆ **Start / Stop FTP Daemon**
  - ◆ **Change Remote Access Configuration**
  - ◆ **Grant or Deny Access to Configuration Tool**
  - ◆ **Reset to Factory Defaults**



### ▶ Reboot the Thin Client Express after the following tasks in order for them to take effect

- ◆ Flash Update
- ◆ Authenticate from Server
- ◆ Boot from Server
- ◆ Boot from Flash
- ◆ Change Remote Access Configuration
- ◆ Grant / Deny Access to Configuration Tool
- ◆ Reset to Factory Defaults (some portions are immediate)

### ▶ Considerations for "Boot from Server" task

- ◆ The boot server specified in the Simplified menu will be used as the workstation configuration server and the authentication server.
- ◆ From the Advanced menu you cannot use Flash as the workstation configuration server.



### ▶ **Considerations for "Authenticate from Server" task**

- ◆ **The authentication server specified in the Simplified menu will also be used as the workstation configuration server.**
- ◆ **When using this task you will always boot from flash. If you wish to boot from a server, use the Advanced option of the Boot from Server task.**
- ◆ **From the Advanced menu you cannot use Flash as the workstation configuration server.**



### ▶ **Change Remote Access Authorization**

- ◆ After values have been set for the administrator password and the SNMP community names through the Change Remote Access Authorization task they can be changed but not removed completely.

### ▶ **Stop or Start FTP Daemon**

- ◆ After performing a back up of configuration files, use the Stop or Start FTP Daemon to stop the FTP daemon. In this situation a reboot is necessary for the daemon to be stopped.

### ▶ **Workstation status not accurate on the utility running on an international Windows NT system**

- ◆ The workstation icon and fly-over text indicate that a workstation is turned on after a refresh status is attempted



## *TCM Operations Utility*



### *Future Enhancements*

- ▶ **The TCM Operations Utility will be incorporated into the upcoming release of the Thin Client Manager (TCM)**
- ▶ **WBT management will be supported**
- ▶ **Additional changes to support Thin Client Express enhancements**