

## NDC-Plus for Windows Conversion Guide August 23, 2007

The following procedure has been designed to simplify the conversion of NDC-Plus for DOS to NDC-Plus for Windows.

Please follow the procedure sequentially and do not proceed until all prior steps have been successfully completed. If you have any problem installing this upgrade, please call NASTech at (888) 962-7832 Ex. 3, Monday through Friday, between the hours of 8:30 am and 5:30 pm CST.

### 0. Minimum System Requirements

- Pentium Computer with Windows2000 or WindowsXP.
- At least 128 MB of RAM.
- At least 100 MB of disk space.
- CD-ROM drive.
- Network adaptor.
- Floppy drive (1.44 MB).
- At least 1 serial port.
- ComputerWise TNET Controller (TIM1B).
- ComputerWise TLD3 and short modular cable (if more than 4 ports used on TLD2).
- Un-interruptible Power Supply recommended.

### 1. Send Test Data to NASTech

- Determine whether you are running DOS version 6.2 on the Shop Floor PC. If you are running DOS 6.0 or earlier, please contact NASTech at [support@nastechinc.com](mailto:support@nastechinc.com) for more information.
- Get a hold of 5 pre-formatted (FAT) 1.44MB diskettes, or Format (FAT) 5 1.44 MB diskettes and label them "1", "2", "3", "4", and "Update".
- Download **Update.zip** from the following link:  
<http://www.nastechinc.com/SUPPORT/NDCSupport/Upgrade/Update.zip>
- Un-zip **Update.zip**, and save its contents to the "Update" diskette.
- Wait until you can afford to shut down your system for at least ½ hour.
- Insure that all shop-floor transactions have been uploaded to the Primac system.
- Terminate shop-floor system.
- Insert "Update" diskette in floppy drive.
- From the **A:\** prompt, type **DOSUPD** followed by the **Enter** key.
- Insert diskettes 1 - 4 when prompted, wait for the floppy drive light to turn off before ejecting any diskette. You will be notified when the back-up is complete.
- Email all the copied files to NASTech at [support@nastechinc.com](mailto:support@nastechinc.com) for testing, and wait for confirmation that all the data has been checked for possible errors before proceeding.

## 2. Prepare Primac Computer

- Create a **TELNETBP** file in CBA account. (CREATE.FILE DIR TELNETBP)
- Download **TELNETBP.zip** from the following link:  
<http://www.nastechinc.com/SUPPORT/NDCSupport/Upgrade/TELNETBP.zip>
- Un-zip the telnet programs and store them in **TELNETBP**.
- Compile all the telnet programs using **PBASIC**.
- Create a user, password and **.profile** to log to TCL in JCS account or to main directory if running Rev 11 or later.
- Modify **LOGIN** record in the **VOC** file to invoke the **TELNET.SERVER** program. The user ID in line (a) should match the user ID in Dataload.ini.
  - IF %1 = "username" GO 600
  - GOTO 700
  - 600 C
  - HTELNET.SERVER
  - P
  - HBYE
  - P
  - 700 C
- Test by logging on to the new user created. No questions should be asked other than the password. If everything is OK, you will see a question mark. Typing **END** should log you off. (The program running has ECHO turned off, so you will not see what you type)
- Access the Download Maintenance screen in the Shop Floor menu. Create a **DOWNLOAD** record with the network ID equal to 250 minus the company number. For example: if your company number is 003 then the network ID will be 247.

## 3. Prepare Windows Computer

- Create a user, give the user Administrative rights.
- Update the date and time format on the PC. **Control Panel - Regional Options**. For Time use HH:mm:ss, for Date use MM/dd/yyyy.
- Create an **NDC\_PLUS** directory in the **C:\** directory.
- Create an **INSTALL** directory in the **C:\NDC\_PLUS** directory.
- Download **NDCWin.zip** from the following link:  
<http://www.nastechinc.com/SUPPORT/NDCSupport/Upgrade/NDCWin.zip>
- Un-zip **NDCWin.zip** and save its contents to the **INSTALL** directory.
- Execute **Setup.exe** from the **INSTALL** directory and follow the onscreen instructions.
- Do not run the application at this time.
- Contact NASTech, Inc. to receive software updates at this time.
- Take away Administrative rights for the user. Log off, and log back on.
- Edit the **C:\NDC\_PLUS\DataLoad.ini** file:
  - Add the IP-Address for connection to Primac computer.
  - Define the User ID, Password, Company Number and Division Number.
  - Change the download criteria (day of the week, time of day, time interval) to match the download criteria specified on the Primac download maintenance screen.

## 4. Connect Windows Computer

- Place the computer where it will permanently reside.
- Using standard modem cable (9-pin female to 25-pin male), connect the **TNET** Controller to the serial port.
- Using standard Ethernet cable, connect the computer to the network.
- From the Start/Run command, type TELNET followed by a space, followed by the IP address to test the connection.

## 5. Back-up DOS computer

- Get a hold of 5 pre-formatted (FAT) 1.44MB diskettes, or Format (FAT) 5 1.44 MB diskettes and label them "1", "2", "3", "4", and "Update". Or, simply erase the existing formatted floppies from step 1.
- Download **Update.zip** from the following link:  
<http://www.nastechinc.com/SUPPORT/NDCSupport/Upgrade/Update.zip>
- Un-zip **Update.zip**, and save its contents to the "Update" diskette.
- Wait until you can afford to shut down your system for at least ½ hour.
- Insure that all shop-floor transactions have been uploaded to Primac.
- Terminate shop-floor system.
- Insert "Update" diskette in floppy drive.
- From the **A:\** prompt, type **DOSUPD** followed by the **Enter** key.
- Insert diskettes when prompted, wait for the floppy drive light to turn off before ejecting any diskette. You will be notified when the back-up is complete.

## 6. Restore to Windows computer

- Insert "Update" diskette in floppy drive.
- Browse to the A: drive and execute **WINUPD.BAT**.
- Insert diskettes when prompted, wait for the floppy drive light to turn off before ejecting any diskette. You will be notified when the restore is complete.

## 7. Final Steps

- Execute **NDC-Plus** from desktop. The system will convert the old **NDC.INI** file to the new format and terminate automatically.
- Edit the **NDC.INI** file:
  - Add the IP-Address, Username and Password used for connection to the Primac computer.
  - Change the Port number in Network section of the file to match the Serial Port the TNET controller is physically connected to.
- Move the modular cables from the existing TLD2 to the TNET controller. If there are more than 4 cables, insert them into the TLD2, then connect the TLD2 to the TNET controller with a modular cable.
- Execute **NDC-Plus** from desktop.
- Enter your security code.
- Execute **DataLoad** from the desktop, and click **Continue**. If you get an error, look at the **Dataload.txt** file in the **C:\NDCPlus** directory. If you cannot ascertain what the problem is, please send the text file to [support@nastechinc.com](mailto:support@nastechinc.com) before contacting us.