

# Downloading the Application

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## Checking the NOS Version

Use the following steps to verify the NOS version in the Nurit 2085 terminal models:

**Note:** POS6\_STD V4.86 requires a minimum NOS of 6.45. If the NOS version does not meet this requirement, a NOS download must take place in order to update the NOS version. If the terminal has an existing NOS version of 7.00 or higher, it cannot be downgraded, the terminal must be replaced.

1. Press **[MENU]** and then **[9]** to enter the NOS menu. If the NOS is not available via the MENU key then press **[BATCH] [MENU] [VOID]** and **[ENTER]** simultaneously.
2. Key in the password and press **[ENTER]**.
3. Press **[7]** and then press **[ENTER]**.
4. The NOS version will display on the first line of the terminal screen. Below is an example of the screen displayed.

NOS ver 06.45 ← NOS  
Version

5. Press **[1]** and then press **[ENTER]** to return to the idle prompt.

# Application Clear

Use the following steps to clear the application and parameters from a terminal prior to a NOS Download.

Display	Action
CREDIT . . . . . SALE ACCOUNT -->	Press the <b>[MENU]</b> key.
Manager Card or ESC for Password	Press the <b>[MENU]</b> key.
ENTER PASSWORD:	Key in the password and then press <b>[ENTER]</b> .
MENU SCREEN: 1. Reports	Press <b>[BATCH] [MENU] [VOID]</b> and <b>[ENTER]</b> simultaneously.
MENU SCREEN: 1. Reports	Press <b>[9]</b> and then press <b>[ENTER]</b> .
2085 NOS: 1. Back to PROG>	Press <b>[2]</b> and then press <b>[ENTER]</b> .
Swipe Merchant card...	Press <b>[ENTER]</b> .
ENTER ID NUMBER: 1234567	Key in the 7 digit Site ID and press <b>[ENTER]</b> .
DOWNLOAD MENU: 1. Auto load ->	Press <b>[6]</b> and then press <b>[ENTER]</b> .
Continue ? <ENTER-Y,ESC-N>	Press <b>[ENTER]</b> .
MANUAL LOAD: 1. Load PROG ->	Press <b>[4]</b> and then press <b>[ENTER]</b> .
Remove PRM? <ENTER-Y,ESC-N>	Press <b>[ENTER]</b> .
Clearing PRM Please wait	No action.
MANUAL LOAD: 4. Remove PRM ->	Press <b>[3]</b> and then press <b>[ENTER]</b> .
PROG RUN, QUIT? <ENTER-Y,ESC-N>	Press <b>[ENTER]</b> .
Remove PROG? <ENTER-Y,ESC-N>	Press <b>[ENTER]</b> .
Clearing PROG memory...	No action.

Display	Action
MANUAL LOAD: 3. Remove PROG ->	Press the <b>[MENU]</b> key 3 times.

# NOS Download

NOS downloads are performed in order to update the NOS version in the Nurit 2085 terminal device. If the NOS version is not accurate, an Auto Load cannot take place.

**Note:** The application and parameters must be cleared prior to a NOS Download. If the terminal does not contain an application, continue with the NOS Download steps below.

Display	Action
CREDIT . . . . . SALE ACCOUNT    -- >	Press the <b>[MENU]</b> key and then press the <b>[9]</b> key.
Manager Card or ESC for Password	Press the <b>[MENU]</b> key.
ENTER PASSWORD:	Key in the password and then press <b>[ENTER]</b> .
MENU SCREEN: 1. Reports	Press <b>[BATCH] [MENU] [VOID]</b> and <b>[ENTER]</b> simultaneously.
2085 NOS: 1. Run PROG>	Press <b>[8]</b> .
2085 NOS: 1. Load New NOS>	Press <b>[ENTER]</b> .
PROG RUN, QUIT ? <ENTER – Y, ESC – N>	Press <b>[ENTER]</b> .
85M LOADER MENU: 1. Back to NOS	Press <b>[2]</b> and then press <b>[ENTER]</b> .
85M LOADER MENU: 2. Load New NOS >	Press <b>[ENTER]</b> .
DOWNLOAD MENU: 1. Load NOS    - >	Press <b>[FORCED]</b> to verify communication settings.
DOWNLOAD MENU: 2. Via>Modem	If the terminal screen displays Modem, press <b>[FORCED]</b> . If the terminal displays anything other than Modem, press <b>[ENTER]</b> and then <b>[FORCED]</b> until Modem is displayed. Press <b>[ENTER]</b> to select Modem and then <b>[FORCED]</b> .
DOWNLOAD MENU: 3. Baud> 2400	If the terminal screen displays 2400, press <b>[FORCED]</b> . If the terminal displays anything other than 2400, press <b>[ENTER]</b> and then <b>[FORCED]</b> until 2400 is displayed. Press <b>[ENTER]</b> to select 2400 and then <b>[FORCED]</b> .
DOWNLOAD MENU: 4. Phone (modem) >	Press <b>[ENTER]</b> to modify the download phone number Or Press <b>[FORCED]</b> to scroll for additional options.
PHONE NUMBER:	Key in the download phone number. Press <b>[ENTER]</b> and then press <b>[FORCED]</b> .

Display	Action
DOWNLOAD MENU: 5. Dial> TONE	If the terminal screen displays TONE, press <b>[FORCED]</b> . If the terminal displays anything other than TONE, press <b>[ENTER]</b> and then <b>[FORCED]</b> until TONE is displayed. Press <b>[ENTER]</b> to select TONE.
DOWNLOAD MENU: 5. Dial> TONE	Press <b>[RETURN]</b> until the terminal displays 1. Load NOS.
DOWNLOAD MENU: 1. Load NOS - >	Press <b>[ENTER]</b> .
Connecting . . .	No action.
Ok SECTOR NO: XX Cleared.	No action.
LOADING NOS 000%	When the connection is established and the terminal begins downloading, a percentage is displayed, indicating the download completion status.
2085 NOS: 1. Run PROG>	Once the Autoload is complete, a RAM Disk Test must be executed.

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## RAM Disk Test – Without an Application Present

RAM Disk Test clears the contents within the Ram Disk, effectively clearing the old files from memory. The dynamic memory will remain untouched, allowing the newly downloaded NOS files to be loaded into memory without conflict.

**Note:** A RAM Disk Test must be executed after a NOS download.

Display	Action
8320 NOS 1. Run PROG>	Press <b>[6]</b> and then press <b>[ENTER]</b> .
SERVICE MENU 1. HARDWARE TEST	Press <b>[ENTER]</b> .
HARDWARE TEST: 1. RTC TEST	Press <b>[FORCED]</b> to scroll down until the Ram Test menu is reached and then press <b>[ENTER]</b> .
THIS TEST IS DESTRUCTIVE!	Press <b>[ENTER]</b> .
PRESS 'ENTER' TO CONTINUE	Press <b>[ENTER]</b> .
CHECKING RAM PLEASE WAIT  RAM TEST DONE NO ERRORS FOUND  CREATING RAM DISK  NEW NOS INITIALIZING	Press <b>[ENTER]</b> .
8320 NOS 1. Run PROG>	Perform an Autoload by following steps on page <a href="#">3-9</a> .

## RAM Disk Test – With an Application Present

After a completed download, RAM Disk Test may be necessary for the following:

- “SWIPE DEBIT CARD”
- “Ram Disc Corrupted. Create.”
- The terminal is not storing transactions
- If going from one major application to another

It will be necessary to correct this problem by following these steps:

Display	Action
CREDIT . . . . . SALE ACCOUNT -- >	Press the <b>[MENU]</b> key and then press the <b>[9]</b> key.
Manager Card or ESC for Password	Press the <b>[MENU]</b> key.
ENTER PASSWORD:	Key in the password and then press <b>[ENTER]</b> .
MENU SCREEN: 1. Reports	Press <b>[BATCH] [MENU] [VOID]</b> and <b>[ENTER]</b> simultaneously.
8320 NOS 1. BACK TO PROG>	Press <b>[6]</b> and then press <b>[ENTER]</b> .
SERVICE MENU 1. HARDWARE TEST	Press <b>[ENTER]</b> .
HARDWARE TEST: 1. RTC TEST	Press <b>[FORCED]</b> to scroll down until the Ram Test menu is reached and then press <b>[ENTER]</b> .
THIS TEST IS DESTRUCTIVE!	Press <b>[ENTER]</b> .
PRESS 'ENTER' TO CONTINUE	Press <b>[ENTER]</b> .
CHECKING RAM PLEASE WAIT  RAM TEST DONE NO ERRORS FOUND  CREATING RAM DISK  NEW NOS INITIALIZING  DATE – TIME	Press <b>[ENTER]</b> .
SETTING DATE: MM/DD/YY	Enter the current day's date
SETTING TIME: hh:mm:00	Enter the current time
DATE TIME	Press <b>[ENTER]</b> .
App incompatible Data will be lost!  CONTINUE ? ENTR=YES, MENU=NO	Press <b>[ENTER]</b> .

## Verify/Change Site ID

Display	Action
CREDIT . . . . . SALE ACCOUNT    -- >	Press <b>[MENU]</b> .
Manager Card or ESC for Password	Press the <b>[MENU]</b> key.
ENTER PASSWORD:	Key in the password and press <b>[ENTER]</b> .
MENU SCREEN: 1. Reports	Press <b>[2]</b> .
MERCHANT PARAMS 1. Authorizations	Press <b>[9]</b>
CHANGE SITE ID ? 123467	Press <b>[ENTER]</b> to change the Site ID Or Press <b>[MENU]</b> until the terminal returns to the idle prompt.
ENTER PASSWORD:	Key in the password and press <b>[ENTER]</b> .
Enter Site ID	Key in the 7 digit Site ID and press <b>[ENTER]</b> .
MERCHANT PARAMS 9. Site ID	Press <b>[MENU]</b> until the terminal returns to the idle prompt.

## Auto Load Download

An Auto Load download of the Nurit 2085 terminal with the POS6\_STD application utilizing a dial modem takes approximately 5-10 minutes to complete at a baud rate of 2400. You will need the following values to initiate the download:

Site ID – Download Name

Download Phone Number

**Note:** An Autoload should always be executed from the NOS menu to ensure the application is downloaded. Remember to check the NOS version of the terminal before beginning the download procedures.

Display	Action
CREDIT . . . . . SALE ACCOUNT -- >	Press the <b>[MENU]</b> key
Manager Card or ESC for Password	Press the <b>[MENU]</b> key.
ENTER PASSWORD:	Key in the password and press <b>[ENTER]</b> .
MENU SCREEN: 1. Reports	Press <b>[9]</b> and then press <b>[ENTER]</b> .
2085 NOS: 1. Run PROG>	Press <b>[2]</b> and then press <b>[ENTER]</b> .
Swipe Merchant Card...	Press <b>[ENTER]</b> .
ENTER ID NUMBER: 1234567	Key in the site ID and press <b>[ENTER]</b> .
Download MENU: 1. Auto load ->	Press <b>[2]</b> and then press <b>[ENTER]</b> .
CONNECT (Modem): 1. Phone>xxxxxxx	Press <b>[ENTER]</b> to modify the download phone number Or Press <b>[FORCED]</b> to scroll for additional options.
Enter Phone Num	Key in the download phone number. Press <b>[ENTER]</b> and then press <b>[FORCED]</b> .
CONNECT (Modem): 2. Exchange Pref>	If a PABX code is not required, press <b>[FORCED]</b> Or Press <b>[ENTER]</b> to modify the PABX code.
Exchange Prefix	Key in the PABX code. Press <b>[ENTER]</b> and then press <b>[FORCED]</b> .

Display	Action
CONNECT (Modem): 3. Via>Modem	If the terminal screen displays Modem, press <b>[FORCED]</b> . If the terminal displays anything other than Modem, press <b>[ENTER]</b> and then <b>[FORCED]</b> until Modem is displayed. Press <b>[ENTER]</b> to select Modem and then <b>[FORCED]</b> .
CONNECT (Modem): 4. Baud> 2400	If the terminal screen displays 2400, press <b>[FORCED]</b> . If the terminal displays anything other than 2400, press <b>[ENTER]</b> and then <b>[FORCED]</b> until 2400 is displayed. Press <b>[ENTER]</b> to select 2400 and then press <b>[FORCED]</b> .
CONNECT (Modem): 5. Dial>Tone	Press <b>[MENU]</b> .
DOWNLOAD MENU: 2. Comm Prm>	Press <b>[1]</b> and then press <b>[ENTER]</b> .
DIALING XXXXXXXXXX	No action.
LOADING PROGRAM, PLEASE WAIT . . .	No action.
LOADING PRG 000%	When the connection is established and the terminal begins downloading, a percentage is displayed, indicating the download completion status.
LOADING Params	No action.
Download Success	No action.
MM/DD/YYYY HH:MM:SS	Terminal displays the date and time. Press <b>[ENTER]</b> to modify or press <b>[MENU]</b> to return to the idle prompt.
SETTING DATE: MM/DD/YY	Key in the correct date in MM/DD/YY format. Terminal will then prompt for the time.
SETTING TIME: HH:MM:00	Key in the correct time in HH:MM format. Terminal will then display the date and time.
MM/DD/YYYY HH:MM:SS	Press <b>[ENTER]</b> .
App incompatible memory will be lost! CONTINUE ? ENTR=YES, MENU=NO	Press <b>[ENTER]</b> .
CREDIT . . . . . SALE ACCOUNT -->	Terminal automatically returns to the idle prompt.

## Parameter Download

Parameter downloads are used to change a select few memory locations that are already programmed in the terminal. A few examples of information that could be changed through a partial download are the printer/header information or card services. A parameter download of application POS6\_STD takes approximately 2-5 minutes.

**Note:** Remember to check the NOS version of the terminal before beginning the download procedures.

Display	Action
CREDIT . . . . . SALE ACCOUNT -->	Press the <b>[MENU]</b> key.
Manager Card or ESC for Password	Press the <b>[MENU]</b> key.
ENTER PASSWORD:	Key in the password and press <b>[ENTER]</b> .
MENU SCREEN: 1. Reports	Press <b>[7]</b> .
ENTER PASSWORD:	Key in the password and press <b>[ENTER]</b> .
ARE YOU SURE? NO YES	Press the hotkey under "YES".
XXXXXXXXXXXX NO YES	If the download phone number displayed is correct then press the hotkey under "YES", and if the download phone number is incorrect then press the hotkey under "NO".
Download 1. Parameters	Press <b>[4]</b> to verify communication parameters.
CONNECT (Modem): 1. Phone	Press <b>[ENTER]</b> to modify the download phone number Or Press <b>[FORCED]</b> to scroll for additional options.
Enter Phone Num	Key in the download phone number. Press <b>[ENTER]</b> and then press <b>[FORCED]</b> .
CONNECT (Modem): 2. Exchange Pref	If a PABX code is not required then press <b>[FORCED]</b> Or Press <b>[ENTER]</b> to modify the PABX code.
Exchange Prefix	Key in the PABX code. Press <b>[ENTER]</b> and then press <b>[FORCED]</b> .
CONNECT (Modem): 3. Via>Modem	If the terminal screen displays Modem, press <b>[FORCED]</b> . If the terminal displays anything other than Modem, press <b>[ENTER]</b> and then <b>[FORCED]</b> until Modem is displayed. Press <b>[ENTER]</b> to select Modem and then <b>[FORCED]</b> .

Display	Action
CONNECT (Modem): 4. Baud> 2400	If the terminal screen displays 2400, press <b>[FORCED]</b> .  If the terminal displays anything other than 2400, press <b>[ENTER]</b> and then <b>[FORCED]</b> until 2400 is displayed. Press <b>[ENTER]</b> to select 2400 and then press <b>[FORCED]</b> .
CONNECT (Modem): 5. Dial>Tone	Press <b>[MENU]</b> .
DOWNLOAD 1. Parameters	Press <b>[1]</b> .
DIALING XXXXXXXXXX	No action.
LOADING PARAMS PLEASE WAIT . . . .	No action.
LOADING PRM 000%	When the connection is established and the terminal begins downloading, a percentage is displayed, indicating the download completion status.
Download Success	No action.
MM/DD/YYYY HH:MM:SS	Terminal displays the date and time. Press <b>[ENTER]</b> to modify or press <b>[MENU]</b> to return to the idle prompt.
SETTING DATE: MM/DD/YY	Key in the correct date in MM/DD/YY format. Terminal will then prompt for the time.
SETTING TIME: HH:MM:00	Key in the correct time in HH:MM format. Terminal will then display the date and time.
MM/DD/YYYY HH:MM:SS	Press <b>[ENTER]</b> .
CREDIT . . . . . SALE ACCOUNT -->	Terminal automatically returns to the idle prompt.