

This document describes how to install a new hard disk on the SCINTRON PPC with MICROSYS VME2020 (PET) or ELTEC BAB760 (NM).

OS-9000 V5.1 ROM Image on the VME2020 and V4.5 on the BAB760 must be loaded.

Backup Procedure from PPC to PC

To perform a backup of the PPC to the PC the user follows the instruction:

- Log in as administrator.
- Open the open source application FileZilla on the SCINTRON PC.
- The FileZilla settings are shown below

- Open the site Scintron on the site manager.
- Connect to the PPC after entering the following connection parameters:
 - Host = scintron
 - Username = super
 - Password = user
- Change server path to the root path /h0.
- Change local path to the stored backup path e.g. D:\SCINTRON\ARCHIV\Backup PPC\BACKUP_PPC_%DATE%.
- Select all files and directories maybe without picfile or ACQUISTION on the PPC root path /h0.
- To transfer directories and multiple files, select them and right-click the selection. Then you can click on Add files to queue in the popup menu.
- To start the transfer you can choose Transfer -> Process Queue.
- All directories and multiple files are transferring to the PC selected stored path.

The user can also use the program SBX to perform a backup of the PPC to the PC.

Format Procedure on PPC

To format the hard disk on the SCINTRON PPC the user follows the instruction:

- Log in as administrator
- Open the open source application PuTTYPortable to start the telnet connection.
- The PuTTYPortable configuration is shown below



🕵 PuTTY Configuration	? <mark>- ×</mark>	
Category:		
□ Session □ Logging □ Terminal □ Keyboard □ Bell □ Features □ Window □ Appearance □ Behaviour □ Translation □ Selection □ Colours □ Data □ Proxy □ Telnet □ Rlogin ⊡ SSH □ Serial	Basic options for your PuTTY session	
	Specify the destination you want to connect to Host Name (or IP address) Scintron 23	
	Connection type: <u>Raw</u> <u>relnet</u> Rlogin <u>SSH</u> Serial	
	Load, save or delete a stored session Saved Sessions Scintron Load Load Scintron Save Default Settings Load Save Delete	
	Close <u>w</u> indow on exit: Always Never Only on clean exit <u>Open</u>	

- Select the saved session Scintron.
- Load and open the session Scintron.
- Enter User name and password super user.
- The telnet connection is shown below (e.g. VME2020).

OS-9/PowerPC(tm) V5.1	MPX2020 Core0 - 600	17/03/20 12:08:26
User name?: super user		
Process #22 logged on Welcome!	17/03/20 12:08:26	
Super:menu		
User name?:		

- Enter menu if the hard disk is empty.
- Enter the user name mie and password mie.
- The setup program is open and the user follows the instruction to format the hard disk.
- The setup application is shown below



Menu: MicroSys VME2020 Board Setup V1.0

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System selected : ECAT
Disk selected : SATA
M -> MiE Systems Selection
B -> Backup (example)
R -> Restore (example)
I -> Install Disk (example)
F -> Flash Programming
x) EXit
z) or ESC return to previous menu
Please select an item:
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- Type <I>: to Install Disk
- Type : to partition and format the hard disk

to exit

- Type <y>: to confirm formatting
- Type <x> :

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Menu: Install SATA Hard Disk
    a) Available Disk Partiton Schemes
    b) Partition Disk /hdfmt with Scheme [S1]
    c) Check Disk /hd1 Attributs and cudo Text-Files
    d) Install Disk /hd1 from /nc/OS9_BACKUPS/SCINTRON_20170320_hd.tar
    f) Install Disk /hd1 from NAND Flash
    x) EXit
    z) or ESC return to previous menu
    Please select an item: b
```

Restore Procedure from PC to PPC

To perform a restore from the PC to the PPC the user follows the instruction:

- Log in as administrator.
- Open the open source application FileZilla on the SCINTRON PC.
- Check the file types on FileZilla Edit -> Settings -> Transfers.
- Open the site Scintron on the site manager.
 - Connect to the PPC after entering the following connection parameters:
 - Host = scintron
 - Username = super
 - Password = user
- Change server path to the root path /hd1 for VME2020 or /he1 for BAB760 (Not /h0).
- Change local path to the archive path which the backup is stored.
- Select all files and directories on the PC stored path.
- To transfer directories and multiple files, select them and right-click the selection. Then you can click on Add files to queue in the popup menu.
- To start the transfer you can choose Transfer -> Process Queue.
- All directories and multiple files are transferring to the PPC.

Generate Bootfile on PPC

- Open the application PuTTYPortable.
- Load and open the session Scintron.
- Change local path on the PPC to /hd1 for VME2020 or /he1 for BAB760 (Not /h0).
- Run boot_h0 to generate bootfile and set attributes for paths.
- The PPC is automatically rebooting.