



■ *ISS45 8.4 Installation*



ISS45 Version 8.4 Installation

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Address comments and corrections to:

StoreNext Retail Technologies LLC
ISS45 Program Director
1250 East Arques Avenue
M/S 363
Sunnyvale, CA 94085

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<p>ISS45</p> <p><i>Technical Reference Set</i></p> <p>45001/003</p>	<p>ISS45</p> <p></p> <p><i>ISS45 8.4 Installation</i></p> <p>45001/032</p>
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**SYSTEM
INSTALLATION
PROCEDURE
For ISS45 V8.4**

MFS1

**Win2000 Server
SQL2000 Server
ACER 5200D**

Release 1, Rev 2 9/4/02

1 MFS1 Installation Procedure

Win2000 Server w/SP2

1.1 *Install Win2000Server*

1.1.1 **Clean existing HDD**

- a. Boot server on Win98 diskette
- b. Select (use <↓>), 2. *Start Computer without CD-ROM support*
- c. At A: key **FDISK** <Enter>
- d. At *Enable large disk support* Key [Y] <Enter>
- e. At *Should NTFS partitions be treated as large?* Key [Y] <Enter>
- f. Delete all partitions
Note: Above questions e. & f. only if HDD is already partitioned
- g. When all partitions are deleted, remove diskette, insert Win2kServer CD-ROM , key <Esc> to exit
- h. At A: key <Ctrl>+<Alt>+ to reboot

1.1.2 **Set CMOS to boot from CD-ROM**

Note: **Not necessary if HDD clean and no bootable floppy inserted**

- a. During reboot, key <CTRL>+<ALT>+<ESC> to enter CMOS setup
- b. At CMOS screen <↓↑> highlight *Advanced BIOS Features*, key <Enter>
- c. Highlight First Boot Device, <+ / -> to set boot sequence to CDROM
- d. Highlight Second Boot Device, <+ / -> to set boot sequence to HDD
- e. Highlight Third Boot Device, <+ / -> to set boot sequence to FLOPPY
- f. Key <F10> to save, then Y(es) <Enter> to save and exit and boot from CD
Note: If HDD is bootable, Key <Enter> when prompted to boot from CD

1.1.3 **Window 2000 Server with SP2**

1.1.3.1 **The Beginning**

Note: At CD startup, If you are installing SCSI or RAID (excluding CD-ROM) device drivers you are prompted to key <F6> **for 5 seconds only**.

- a. Key <F6> to install,
- b. key <S> to specify device, follow device procedures

If not SCSI nor RAID let time pass and continue.

- a. At *Welcome to Setup* key <Enter>
- b. At *NT Licensing Agreement* key <F8> to accept

1.1.3.2

Create C: Partition and Format C: (Boot) Partition

NOTE:If you did not do section 1.1.1 above then, if more than one partition displayed, highlight each partition from high to low address, Key <D>, <Enter> then <L> to delete partitions

- a. Highlight Unpartitioned space, then key <C> to create partition
- b. At next window key <←> to clear partition size, then key
 2047 (for 2GB) <Enter>
 or **3071** (for 3GB) <Enter>
 or **4095** (for 4GB) <Enter> to create C: partition (recommended)
- c. Key <↓↑>, highlight C: New Unformatted xxxMB, then key <Enter>
- d. At next window key <↓↑> to highlight Format the partition using NTFS file system, then key <Enter> (3-4 min.)
 Install starts automatically
 Copies files
 Initializes
 Auto reboots (DO NOT HIT A KEY TO BOOT FROM CD)
- e. At *Welcome* screen DO NOT TOUCH, runs auto install (10 minutes)
- f. If message *Digital Signature Not found – continue install?*, click YES
- g. At *Regional Settings* click *NEXT* to accept English (US) defaults
- h. At *Personalize Your Software* key Company name and Organization, click *NEXT*
- i. If prompted, at *Your Product ID*, key 25 char. ID, click *NEXT*
- j. At *Licensing Mode* put • Per Server, set connections to **50**, click *NEXT*
- k. At *Computer Name and Administrator Password* key in Computer name and admin password twice,click *NEXT*, if Non-Standard Name is displayed click *YES*
- l. At *Windows 2000 Components* , remove ✓ from IIS, put ✓ Terminal Services, click *NEXT*
- m. At *Date and Time* set Date, Time, Zone and put ✓ Auto adjust clock , click *NEXT*
- n. At *Terminal Services Setup*, put • Remote Admin..., click *NEXT*
Network Settings are loaded
- o. At *Installing Components* , 2000 components are auto installed (3-5 min)
- p. At *Performing Final Tasks* (autorun)
 - i. Installs Start Menu Items (1-2 min)
 - ii. Registers Components (5 min)
 - iii. Saves Settings (3-5 min)
 - iv. Removes Temporary Files
- q. At *Completing Setup*, remove CD, click *FINISH* to reboot.

- 1.1.3.3 **Reset Boot Sequence in CMOS**
- Note: If sequence not changed in 1.1.2, ignore this step
- a. During reboot from previous step, when prompted to exit to BIOS, key <CTRL>+<ALT>+<ESC> , see step 1.1.2 and reset sequence to **Floppy, HDD, CD-ROM**, save and exit. (auto reboot)
- 1.1.3.4 **Configure Windows 2000 Server**
- a. At *Welcome to Windows* key <CTRL>+<ALT>+ to logon
 - b. Logon with user: **Administrator** and *password*, click *OK*
 - c. At *Windows 2000 Configuration* put • **One or more...**, click *NEXT*
 - d. At *Configure Server* remove ✓ *Show this Screen*, click <X> to close screen
- 1.1.3.5 **Setup local NIC (on Board)**
- a. At Desktop rt. click MY COMPUTER
 - b. Click *MANAGE*
 - c. In left window, click *DEVICE MANAGER*
 - d. In rt. window, at *Other Devices*, dbl. click on 2nd (yellow) ?*Ethernet Controller* (verify PCI slot 2)
 - e. Click *REINSTALL DRIVER*, click *NEXT*
 - f. Put • **Search for Suitable...**, insert Acer Disk1 CD, click *NEXT*
 - g. Remove ✓ from Floppy, put ✓ CD-ROM, click *NEXT*
 - h. After driver found , click *NEXT*
 - i. If *Digital Signal...*, click *YES*
 - j. Click *FINISH*, click CLOSE
- 1.1.3.6 **Setup WAN NIC (Expansion Board) if required**
- a. In rt. window, at *Other Devices*, dbl. click on (yellow) ?*Ethernet Controller*
 - b. Click *REINSTALL DRIVER*, click *NEXT*
 - c. Put • **Search for Suitable...**, insert driver diskette, click *NEXT*
 - d. Remove ✓ from CD-ROM, put ✓ Floppy, click *NEXT*
 - e. After driver found , click *NEXT*
 - f. Click *FINISH*, click CLOSE
- 1.1.3.7 **Setup Multimedia Audio Controller**
- a. At Desktop rt. click MY COMPUTER
 - b. Click *MANAGE*
 - c. In left window, click *DEVICE MANAGER*
 - d. In rt. window, at *Other Devices*, dbl. click on (yellow) ?*Multimedia Audio...*
 - e. Click *REINSTALL DRIVER*, click *NEXT*
 - f. Put • **Search for Suitable...**, insert Acer Disk1 CD, click *NEXT*
 - g. Remove ✓ from Floppy, put ✓ CD-ROM, click *NEXT*
 - h. After driver found , click *NEXT*
 - i. Click *FINISH*, put • **NO**, *Restart* later, click *CLOSE*

1.1.3.8

Install ?PCI Device Driver

- a. Close all windows
- b. Reinsert Acer Disk1 CD
- c. Click on *DRIVERS*
- d. Click on *CHIP*
- e. Click on *IDE*
- f. Click on *INTEL 845 chipset ...*
- g. *Double click* *SETUP.EXE*
- h. At *Setup* click *NEXT*
- i. At *License*, click *YES*
- j. At *ReadMe*, click *NEXT*
- k. Put • *NO*, *Restart* later, click *FINISH*

1.1.3.9

Setup Network Configuration

- a. At Desktop rt. click *My Network Places*
- b. Click *PROPERTIES*
- c. Dbl. click *Local Area Connection* ICON, click *Properties*
- d. Verify device is local (on-board) NIC
 - Highlight *Internet Protocol (TCP/IP)*, click *PROPERTIES*
 - Put • Use the following IP Address
 - IP Address: aaa.bbb.ccc.ddd **Ie 129.103.2.1**
 - Where: **aaa & bbb user provided**
 - ccc = Server System Number ie. 2,**
 - d = MFS 1 or MFS 2**
 - SubNetMask: **255.255.255.0**
 - Default Gateway: (leave blank)
 - Click *OK, OK, Close*

1.1.3.10

Setup Network ID

- a. At Desktop, rt. click *My Computer*
- b. Click *PROPERTIES*
- c. Click *NETWORK ID* tab, click *PROPERTIES*
- d. In • *Workgroup*, key *Workgroup Name*
- e. Click *OK, OK, OK* to reboot server.

1.1.3.11

If non Fujitsu server you may need to load/setup video drivers (ie ATI rage)

1.1.3.12

Configure Display

- a. At Desktop rt.click in window, click *PROPERTIES/SETTINGS*
set Screen Area to **800x600**, Colors to **High Color (16bit)**, click *OK*
- b. At *Display Properties* click *OK*, at *Monitor Settings* click *YES*

- 1.1.3.13 **Set Boot Startup**
- a. At Desktop goto START|SETTINGS|CONTROL PANEL, dbl. click SYSTEM, Click *Advanced Tab*, click on *Startup and Recovery* tab
 - b. Click *Startup and Recovery*,
 - c. In System Startup field key **3**, click *OK*
 - c. Click *OK*
 - d. Close all windows
- 1.1.3.14 **Hide Taskbar**
- a. Right click on empty area of TASKBAR, click *Properties*
 - b. Put ✓ in *Auto Hide* box, click *OK*
- 1.1.3.15 **Set AutoLogon in Registry**
- a. **IF YOU DON'T KNOW HOW TO DO IT, DON'T GO THERE**

AutoAdminLogon	"1"
DefaultPassword	"admin"
- 1.1.3.16 **Install Windows 2000 SP2**
- a. Insert Windows 2000 Server SP2 CD in CD-ROM drive
 - b. In *Contents* window click on *INSTALL SERVICE PACK 2*
 - c. In right window, click *INSTALL SERVICE PACK 2* (wait 1 min)
 - e. At *File Download* put • *Run this program ...*, click *YES*
 - f. At next screen put ✓ on *Accept License...*, click *INSTALL* (Approx 6 – 7 minutes)
 - g. When prompted click *RESTART* to reboot server.
- 1.1.3.17 **Install MS Internet Explorer 5.5**
- a. Insert ISS45 v8.4 distribution CD in CD-ROM drive
 - b. Rt. Click on START on Taskbar, click EXPLORE, click (+)MY COMPUTER, click (+)z:, where **z:** is CD-ROM drive, click on IntExp5.5
 - d. In rt. window, double click *IE5setup.exe* Icon
 - e. At *License Agreement*, put • *I ACCEPT....*, click *NEXT*
 - f. At *Windows2000 Install* click *NEXT*
 - g. At *Progress* autoruns (Installs components 1 – 2 min)
 - h. At *Restart Computer* click *FINISH*, system reboots.
 - i. Runs *Windows Update*

1.1.3.18 Setup HDD Partitions D: & E: and rename CD-ROM drive

- a ***Change CD label to Z:***
 - a. Goto START|PROGRAMS|ADMININISTRATIVE TOOLS, click on COMPUTER MANAGEMENT, STORAGE|DISK MANAGEMENT
 - b. Rt.click on CD-ROM box to highlight,
 - c. Click *Change drive letter*,
 - d. Highlight CD-ROM drive letter, click *EDIT*
 - e. Put • Assign Drive Letter
 - f. In dropdown box select **Z:**, click *OK*
 - g. At *Confirm*, click *YES*

- b ***Create Partitions D: & E: and format on available HDD space***
 - a. Rt.click on unallocated drive space to highlight
 - b. Click on *Create Partition*,
 - c. At *Wizard* click *NEXT*
 - d. At *Select Partition type* put • Primary partition, click *NEXT*
 - e. At *Create Partition* key in size of D:, click *NEXT*
 - f. At *Assign Drive Letter* put • Assign drive letter, accept default (next avail letter), click *NEXT*
 - g. At *Format Partition* put • Format this partition..., select NTFS in dropdown, click *NEXT*
 - h. At *Completing Wizard*, click *FINISH* (wait)
 - i. When format is complete, repeat **a.** to **h.** for Partition E: if needed, wanted, required, etc.
 - j. When complete close Partition window, click <X>

1.2 ***The following Applications are NOT provided by Fujitsu Transaction Solutions but are listed as a convenience***

- 1.2.1 **Winzip 8**
- 1.2.2 **Adobe Acrobat Reader 5.0.5**
- 1.2.3 **Virus Scan (McAfee NetShield 4.5.0 +SP1)**
- 1.2.4 **PcANYWHERE 10.0**

1.3 SQL Server 2000

1.3.1 Install SQL Server 2000 (new install)

- a. Insert SQL Server 2000 CD in CD-ROM Drive (autorun)
- b. At *SQL Server 2000* screen click *SQL SERVER 2000 Components*
- c. At next screen click *INSTALL DATABASE SERVER* (wait 30 sec)
- d. At *Welcome* click *NEXT*
- e. At *Computer Name* put • Local Computer, click *NEXT*
- f. At *Installation Selection* put • Create a new instance..., click *NEXT*
- g. At *User Information* key in Name and Company, click *NEXT*
- h. At *Software License Agreement* click *YES* to confirm
- i. If required at *CD-Key*, key in 25 char. ID, click *NEXT*
- j. At *Installation Definition* put • Server and Client Tools, click *NEXT*
- k. At *Instance Name* put ✓ Default, click *NEXT*
- l. At *Setup Type*, put • on *Custom Install*
Change destination folders for both Program and Data files:
At **EACH** path click *Browse*, change C:\PROG... to D:\, click *OK*
Note: This process creates the directory D:\MSSQL
then at *Setup Type* click *NEXT*
- m. At *Select Components* click *NEXT*
- n. At *Services Accounts* put • Customize settings
 1. In *Services* put • SQL Server
In *Service Settings* put • Use a Domain User account
In Username: key **Administrator** (or accept default)
In Password: key **admin**
In Domain: key **(server name)** (or accept default)
Put ✓ Auto Start Service
 - 2.. In *Services* put • SQL Server Agent
In *Service Settings* put • Use a Domain User account
In Username: key **Administrator** (or accept default)
In Password: key **admin**
In Domain: key **(server name)** (or accept default)
Put ✓ Auto Start Service, click *NEXT*, at *Setup* click *OK*
Click *NEXT*
- o. At *Authentication Mode* put • Mixed Mode, put ✓ Blank Password, click *NEXT*
- p. At *Collation Settings* put • SQL Collations
Highlight: **Binary order, for use with the 850(Multilingual)**
Character set
Click *NEXT*
- q. At *Network Libraries* remove ✓ from TCP/IP Sockets, then click *NEXT*
- r. At *Start Copying Files* click *NEXT*
- s. At *Choose Licensing Mode*, in *Licensing Mode*
put • Per Seat, key **50** in device box, click *CONTINUE*

- i. Installs programs (8-9 min)
- ii. Configures selections (2-3 min)
- t. At *SetupComplete* click *FINISH* to exit
- u. Remove CD then at Desktop reboot server

1.3.2

Install SQL Server 2000 SP2

- a. Insert SQL Server 2000 SP2 CD in CD-ROM drive
- b. Rt. Click START on Taskbar, click EXPLORE, click (+) MyComputer
click on (+)z: Where z: is CD-ROM drive letter
- c. Click (+)SQL2kASP2, (+)MSOLAP, INSTALL
- d. In rt. window, dbl. click SETUP.EXE, if *Severe* error click *OK*
- e. Click z:\SQL2kDESKSP2, in rt. window dbl. click SETUP.BAT (wait 30 sec)
- f. At *Welcome* click *NEXT*
- g. At *Software License...*, click *YES*
- h. At *Instance Name* leave ✓ Default, click *NEXT*
- i. At *Connect to Server* put • SQL Server Authentication..., click *NEXT*
- j. At *Start Copying Files* click *NEXT* (8-10 min.) **go have coffee**
- k. At *Setup*, click *OK*
- l. At *Setup Complete*, click *FINISH*
- m. Click z:\SQL2kSP2, in rt. window dbl. click SETUP.BAT (wait 30 sec)
- n. At *Welcome* click *NEXT*
- o. At *SoftwareLicense...*click *YES*
- p. At *Instance Name* leave ✓ Default, click *NEXT*
- q. At *Connect to Server* put • SQL Server Authentication..., click *NEXT*
- r. At *Start Copying Files* click *NEXT* (8-10 min.) **have another coffee**
- s. At *Setup*, click *OK*
- t. At *Setup Complete*, click *FINISH*
- u. Close all windows then at Desktop reboot server.

1.3.3

Register SQL Server

- a. At *WIN2000 DESKTOP* GoTo:
START|PROGRAMS|MS SQL SERVER|ENTERPRISE MANAGER
- b. In rt. window, rt. click *SQL Server Group*,
then select *NEW SQL Server Registration* from popup menu
- c. At *Register SQL Server Wizard* click *NEXT*
- d. Select the required Server from list or Key in new Server Name in
upper left box,
click *ADD*, then click *NEXT*
- e. In *AUTHENTICATION MODE* put • *SQL Authentication*, click
NEXT
- f. At *Select Connection* key in Login Name: key *sa*, leave password
blank click *NEXT*
- g. At *Select SQL Server Group*, click *NEXT* then click *FINISH*

Note: If in step **g**: you get message “A server with this name already exists”
Click *CLOSE*,

In left window, dbl. click on *SQL Server Group*

In right window, rt. click on *Server Icon*, then

Click *EDIT SQL SERVER REGISTRATION PROPERTIES* for that server,

In *AUTHENTICATION MODE*

put • *Use SQL Authentication*,

in Login Name: key *sa*, leave password blank click *OK*

If you get: *WARNING – The client and server codepages...* click *OK*,

Click *YES*

Exit Enterprise Manager

**SYSTEM
INSTALLATION
PROCEDURE
For ISS45 V8.4**

MFS2

**Win2000 Server
SQL2000 Server
ACER 5200**

Release 1, Rev 0 9/5/02

1 MFS2 Installation Procedure

Win2000 Professional w/SP2

1.1 *Install Win2000Professional*

1.1.1 **Clean existing HDD**

- a. Boot server on Win98 diskette
 - b. Select (use <↓>), 2. *Start Computer without CD-ROM support*
 - c. At A: key **FDISK** <Enter>
 - d. At *Enable large disk support* Key [Y] <Enter>
 - e. At *Should NTFS partitions be treated as large?* Key [Y] <Enter>
 - f. Delete all partitions
- Note: Above questions e. & f. only if HDD is already partitioned**
- g. When all partitions are deleted, remove diskette, insert Win2kServer CD-ROM , key <Esc> to exit
 - h. At A: key <Ctrl>+<Alt>+ to reboot

1.1.2 **Set CMOS to boot from CD-ROM**

- Note: Not necessary if HDD clean and no bootable floppy inserted**
- a. During reboot, key <CTRL>+<ALT>+<ESC> to enter CMOS setup
 - b. At CMOS screen <↓↑> highlight *Advanced BIOS Features*, key <Enter>
 - c. Highlight First Boot Device, <+ / -> to set boot sequence to CDROM
 - d. Highlight Second Boot Device, <+ / -> to set boot sequence to HDD
 - e. Highlight Third Boot Device, <+ / -> to set boot sequence to FLOPPY
 - f. Key <F10> to save, then Y(es) <Enter> to save and exit and boot from CD
- Note: If HDD is bootable, Key <Enter> when prompted to boot from CD**

1.1.3 **Window 2000 Professional with SP2**

1.1.3.1 The Beginning

- a. At *Welcome to Setup* key <Enter>
- b. At *NT Licensing Agreement* key <F8> to accept

1.1.3.2 Create C: Partition and Format C: (Boot) Partition

NOTE: If you did not do section 1.1.1 above then, if more than one partition displayed, highlight each partition from high to low address, Key <D>, <Enter> then <L> to delete partitions

- a. Highlight Unpartitioned space, then key <C> to create partition

- b. At next window key <←> to clear partition size, then key
 - 2047 (for 2GB) <Enter>
 - or 3071 (for 3GB) <Enter>
 - or 4095 (for 4GB) <Enter> to create C: partition (recommended)
- c. Key <↓↑>, highlight C: New Unformatted xxxxMB, then key <Enter>
- d. At next window key <↓↑> to highlight Format the partition using NTFS file system, then key <Enter> (3-4 min.)
 - Install starts automatically
 - Copies files
 - Initializes
 - Auto reboots (DO NOT HIT A KEY TO BOOT FROM CD)
- e. At *Welcome* screen DO NOT TOUCH, runs auto install (10 minutes)
- f. If message *Digital Signature Not found – continue install?*, click YES
- g. At *Regional Settings* click NEXT to accept English (US) defaults
- i. At *Personalize Your Software* key Company name and Organization, click NEXT
- j. If prompted, at *Your Product ID*, key 25 char. ID, click NEXT
- k. At *Computer Name and Administrator Password* key in Computer name and admin password twice,click NEXT, if Non-Standard Name is displayed click YES
- l. At *Date and Time* set Date, Time, Zone and put ✓ Auto adjust clock , click NEXT

Note: O/B NIC *Intel Pro/100* is not recognized – setup later

If required:

If 2nd NIC card (WAN) preinstalled and recognized *Network Settings* are loaded, goto **m**.

If not recognized, then you must configure now.
- m. At *Network Settings*, put • Custom., click NEXT

At *Network Components*, confirm the device is NIC expansion card, Highlight *Internet Protocol(TCP/IP)*, click *Properties*

Put • Obtain a IP address automatically, click OK

At *Network Components* click NEXT

At *Workgroup or Computer Domain* put • No, This computer is not..., click NEXT
- n. At *Installing Components* , 2000 components are auto installed (3-5 min)
- o. At *Performing Final Tasks* (autorun)
 - i. Installs Start Menu Items (1-2 min)
 - ii. Registers Components (5 min)
 - iii. Saves Settings (3-5 min), then removes Temporary Files
- p. At *Completing Setup*, remove CD, click FINISH to reboot.

1.1.3.3

Reset Boot Sequence in CMOS

Note: If sequence not changed in 1.1.2, ignore this step

- a. During reboot from previous step, when prompted to exit to BIOS, key <CTRL>+<ALT>+<ESC> , see step 1.1.2 and reset sequence to **Floppy, HDD, CD-ROM**, save and exit. (auto reboot)
- 1.1.3.4 **Setup this computer users**
- a. At *Network ID*, click *NEXT*
 - b. At *Users of this computer*, put • **Windows always assumes...**, In *Users Name*: select *Administrator*, key *password* twice
Click *NEXT*, click *FINISH*
- 1.1.3.5 **Configure Windows 2000**
- a. At *Welcome to Windows* key <CTRL>+<ALT>+ to logon
 - b. Logon with user: **Administrator** and *password*, click *OK*
 - c. At *Getting Started* remove ✓ from *Show this Screen*, click *EXIT*
- 1.1.3.6 **Setup local NIC (on Board)**
- a. At Desktop rt. click MY COMPUTER
 - b. Click *MANAGE*
 - c. In left window, click *DEVICE MANAGER*
 - d. In rt. window, at *Other Devices*, dbl. click (yellow) *?Ethernet Controller*
 - e. Click *REINSTALL DRIVER*, click *NEXT*
 - f. Put • **Search for Suitable...**, insert Acer Disk1 CD, click *NEXT*
 - g. Remove ✓ from Floppy, put ✓ CD-ROM, click *NEXT*
 - h. After driver found , click *NEXT*
 - i. Click *FINISH*, click *CLOSE*
- 1.1.3.7 **Setup Multimedia Audio Controller**
- a. At Desktop rt. click MY COMPUTER, click *MANAGE*
 - b. In left window, click *DEVICE MANAGER*
 - c. In rt. window, at *Other Devices*, dbl. click on (yellow) *?Multimedia Audio...*
 - d. Click *REINSTALL DRIVER*, click *NEXT*
 - e. Put • **Search for Suitable...**, insert Acer Disk1 CD, click *NEXT*
 - f. Remove ✓ from Floppy, put ✓ CD-ROM, click *NEXT*
 - g. After driver found , click *NEXT*
 - h. Click *FINISH*, put • **NO**, *Restart* later, click *CLOSE*
- 1.1.3.8 **Install ?PCI Device Driver**
- a. Close all windows
 - b. Reinsert Acer Disk1 CD
 - c. Click on *DRIVERS*
 - d. Click on *CHIP*
 - e. Click on *IDE*
 - f. Click on *INTEL 845 chipset ...*
 - g. *Double click* *SETUP.EXE*
 - h. At *Setup* click *NEXT*

- i. At *License*, click *YES*
- j. At *ReadMe*, click *NEXT*
- k. Put *NO*, *Restart* later, click *FINISH*

1.1.3.9 Setup Network Configuration

- a. At Desktop rt. click *My Network Places*
- b. Click *PROPERTIES*
- c. Dbl. click *Local Area Connection2* ICON, click *Properties*
- d. Verify device is local (on-board) NIC
 - Highlight *Internet Protocol (TCP/IP)*, click *PROPERTIES*
 - Put Use the following IP Address

IP Address:	aaa.bbb.ccc.ddd	Ie 129.103.2.1
Where:	aaa & bbb user provided	
		ccc = Server System Number ie. 2,
		d = MFS 1 or MFS 2
SubNetMask:	255.255.255.0	
Default Gateway:	(leave blank)	
 - Click *OK, OK, Close*

1.1.3.10 Setup Network ID

- a. At Desktop, rt. click *My Computer*
- b. Click *PROPERTIES*, click *NETWORK ID* tab, click *PROPERTIES*
- c. In *Workgroup*, key *Workgroup Name*
- d. Click *OK, OK, OK* to reboot server.

1.1.3.11 Configure Display

- a. At Desktop rt.click in window, click *PROPERTIES/SETTINGS*
set Screen Area to **800x600**, Colors to **High Color (16bit)**, click *OK*
- b. At *Display Properties* click *OK*, at *Monitor Settings* click *YES*

1.1.3.12 Set Boot Startup

- a. At Desktop goto *START|SETTINGS|CONTROL PANEL*,
dbl. click *SYSTEM*, Click *Advanced* Tab,
click on *Startup and Recovery* tab
- b. Click *Startup and Recovery*,
- c. In System Startup field key **3**, click *OK*, click *OK*
- d. Close all windows

1.1.3.13 Hide Taskbar

- a. Right click on empty area of *TASKBAR*, click *Properties*
- b. Put in *Auto Hide* box, click *OK*

1.1.3.14 Set AutoLogon in Registry

- a. **IF YOU DON'T KNOW HOW TO DO IT, DON'T GO THERE**

AutoAdminLogon
DefaultPassword

“1”
“admin”

1.1.3.15

Install Windows 2000 SP2

- a. Insert Windows 2000 Professional SP2 CD in CD-ROM drive
- b. In *Contents* window click on *INSTALL SERVICE PACK 2*
- c. In right window, click *INSTALL SERVICE PACK 2* (wait 1 min)
- d. At *File Download* put • *Run this program ...*, click *YES*
- e. At Security warning click *YES*
- f. At next screen put ✓ on *Accept License...*, click *INSTALL*
(Approx 6 – 7 minutes)
- g. When prompted click *RESTART* to reboot server.

1.1.3.16

Install MS Internet Explorer 5.5

- a. Insert ISS45 v8.4 distribution CD in CD-ROM drive
- b. Rt. Click on *START* on Taskbar, click *EXPLORE*,
click (+) *MY COMPUTER*, click (+) *z:*, where *z:* is CD-ROM drive,
click on *IntExp5.5*
- c. In rt. window, double click *IE5setup.exe* Icon
- d. At *License Agreement*, put • *I ACCEPT....*, click *NEXT*
- e. At *Windows2000 Install* click *NEXT*
- f. At *Progress* autoruns (Installs components 1 – 2 min)
- g. At *Restart Computer* click *FINISH*, system reboots.
- h. Runs *Windows Update*

1.1.3.17 Setup HDD Partitions D: & E: and rename CD-ROM drive

- a ***Change CD label to Z:***
 - a. At *Desktop* rt. click MY COMPUTER, click MANAGE|STORAGE|DISK MANAGEMENT
 - b. Rt.click on CD-ROM box to highlight,
 - c. Click *Change drive letter...*,
 - d. Highlight CD-ROM drive letter, click *EDIT*
 - e. Put • Assign Drive Letter
 - f. In dropdown box select **Z:**, click *OK*
 - g. At *Confirm*, click *YES*

- b ***Create Partitions D: & E: and format on available HDD space***
 - a. Rt.click on unallocated drive space to highlight
 - b. Click on *Create Partition*,
 - c. At *Wizard* click *NEXT*
 - d. At *Select Partition type* put • Primary partition, click *NEXT*
 - e. At *Create Partition* key in size of D:, click *NEXT*
 - f. At *Assign Drive Letter* put • Assign drive letter, accept default (next avail letter), click *NEXT*
 - g. At *Format Partition* put • Format this partition..., select **NTFS** in dropdown, click *NEXT*
 - h. At *Completing Wizard*, click *FINISH* (wait)
 - i. When format is complete, repeat **a.** to **h.** for Partition E: if needed, wanted, required, etc.
 - j. When complete close Partition window, click <X>

1.2 ***The following Applications are NOT provided by Fujitsu Transaction Solutions but are listed as a convenience***

- 1.2.1 **Winzip 8**
- 1.2.2 **Adobe Acrobat Reader 5.0.5**
- 1.2.3 **Virus Scan (McAfee NetShield 4.5.0 +SP1)**
- 1.2.4 **PcANYWHERE 10.0**

1.3 SQL Server 2000 (Client Only)

1.3.1 Install SQL Server 2000-Client (new install)

- a. Insert SQL Server 2000 CD in CD-ROM Drive (autorun)
- b. At *SQL Server 2000* screen click *SQL SERVER 2000 Components*
- c. At next screen click *INSTALL DATABASE SERVER* (wait 30 sec)
- d. At *Setup* read note, click *NEXT* (loads client services only)
- e. At *Welcome* click *NEXT*
- f. At *Computer Name* put • Local Computer, click *NEXT*
- g. At *Installation Selection* put • Create a new instance..., click *NEXT*
- h. At *User Information* key in Name and Company, click *NEXT*
- i. At *Software License Agreement* click *YES* to confirm
- j. At *Installation Definition* put • Client Tools only, click *NEXT*
- k. At *Select Components* click *NEXT*
- l. At *Start Copying Files* click *NEXT*
- m. At *Setup Complete* click *FINISH* to exit
- n. Remove CD, at Desktop reboot server

1.3.2 Install SQL Server 2000 SP2

- a. Insert SQL Server 2000 SP2 CD in CD-ROM drive
- b. Rt. Click *START* on Taskbar, click *EXPLORE*, click (+) MyComputer
click on (+)z: Where z: is CD-ROM drive letter
- c. Click (+)SQL2kASP2, (+)MSOLAP, *INSTALL*
- d. In rt. window, dbl. click *SETUP.EXE*, if *Severe* error click *OK*
- e. Click z:\SQL2kDESKSP2, in rt window dbl click *SETUP.BAT* (wait 30 s)
- f. At *Welcome* click *NEXT*
- g. At *Software License...*, click *YES*
- h. At *Start Copying Files* click *NEXT* (2 min.) **sorry no time for coffee**
- i. At *Setup Complete*, click *FINISH*
- j. Click z:\SQL2kSP2, in rt.window dbl. click *SETUP.BAT* (wait 30 sec)
- k. At *Welcome* click *NEXT*
- l. At *SoftwareLicense...*click *YES*
- m. At *Start Copying Files* click *NEXT* (2 min.)
- n. At *Setup Complete*, click *FINISH*
- o. Close all windows then at Desktop reboot server.

1.3.3

Register SQL Server

- a. At *WIN2000 DESKTOP* GoTo:
START|PROGRAMS|MS SQL SERVER|ENTERPRISE MANAGER
- b. In rt. window, rt. click *SQL Server Group*,
then select *NEW SQL Server Registration* from popup menu
- c. At *Register SQL Server Wizard* click *NEXT*
- d. Select (Highlight) the required Server from list or Key in new Server
Name in upper left box,
click *ADD*, then click *NEXT*
- e. In *AUTHENTICATION MODE* put • *SQL Authentication*, click *NEXT*
- f. At *Select Connection* key in Login Name: key *sa*, leave password
blank click *NEXT*
- g. At *Select SQL Server Group*, click *NEXT* then click *FINISH*

Note: If in step **g**: you get message “A server with this name already exists”
Click *CLOSE*,
In left window, dbl. click on *SQL Server Group*
In right window, rt. click on *Server Icon*, then
Click *EDIT SQL SERVER REGISTRATION PROPERTIES* for that server,
In *AUTHENTICATION MODE* put • *Use SQL Authentication*,
in Login Name: key *sa*, leave password blank click *OK*
If you get: *WARNING – The client and server codepages...* click *OK* ,
Click *YES*
Exit Enterprise Manager

ISS45 V8.4

APPLICATION

INSTALLATION

PROCEDURE

MFS1
Acer 5200D
Acer 5200

Release 1, Rev 1 8/19/02

1 INSTALL PROCESS ISS45 V8.4.2.50 (MFS1)

1.1 *Install V8.4.2.50 Front Office*

- a. Insert ISS45 V8.4 CD in CD-ROM Drive
- b. At Desktop goto: START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
- c. Click on (+)MY COMPUTER, then (+)(z:), where (z:) is *CD-ROM drive*
- d. Click on (+)FRONT OFFICE folder, then click on DISK1
- e. In rt. window dbl. Click on *SETUP.EXE* to begin install
- f. At WELCOME click *NEXT*
- g. At USER INFORMATION click *NEXT* to accept default Name and Company
- h. At REGISTRATION INFORMATION click *YES*
- i. At CHOOSE DESTINATION click *NEXT* to accept default
- j. At BACKOFFICE TYPE,
put ✓ on MFS1, click *NEXT*
OR
put ✓ on StandAlone (MFS1 only) for single server, click *NEXT*
- k. At SELECT REPORTS FORMAT put • on *Letter*, click *NEXT*
- l. At CREATE DATABASE IN.... click *NEXT* (accept default D:\MSSQL\DATA)
- m. At FUEL CONNECTION
If NO, put • *NO*, click *NEXT*, goto *n*.

If Yes, put • *YES*, click *NEXT*,
At Server Name key **PFS1**, click *NEXT*
Click *CONTINUE*,
Click *NEXT*
- n. At START COPYING FILES click *NEXT* to begin (approx. 5 min)

- o. At HOSTS – NOTEPAD verify the following IP address settings

Verify/Add/Modify the lines:

```
#aaa.bbb.ccc.1      MFS1
#aaa.bbb.ccc.2      MFS2
      #aaa.bbb.ccc.3      LFS3
#aaa.bbb.ccc.10     LFS10
#aaa.bbb.ccc.11     POS1
      #ddd.eee.fff.0      SUBNETMASK
```

Where:

aaa & bbb are user defined (must be same as in Win2k network setup)

ccc is site location (must be same as in Win2k network setup)

d = 255 for ClassA (255.0.0.0)

de = 255 for ClassB (255.255.0.0)

def = 255 for ClassC (255.255.255.0)

EXAMPLE:

```
129.103.5.1      MFS1
129.103.5.2      MFS2
129.103.5.3      LFS3
129.103.5.10     LFS10
129.103.5.11     POS1
255.255.255.0    SUBNETMASK
```

Click Files, Exit, Yes to save and exit (install continues 1 ½ min)

- p. At Q-SETUP Wizard –
NOTE: IF ANY CHANGES ARE MADE TO STANDARD FILE SIZES AND/OR TRANSACTION FILE SIZE YOU MUST MAKE THE IDENTICAL CHANGES ON BOTH SERVERS DURING INSTALLATION

Step1: click *NEXT*

Step2: STANDARD FILES

Click *NEXT* to accept default sizing

Or

Highlight file NUMBER, click *CHANGE*

Key in new number of records required

Click *OK*

Click *NEXT*

Step3: TRANSACTION FILE

Click *NEXT* to accept default sizing

Or, to recalculate file size

Put ✓ on Change Size box

Key enter new parameters

Click calculate, then click *NEXT*

- NOTE:1. Default of 500,000 records is based on approximately:**
- 20 Lanes**
 - 10 Customer/Lane/Hour**
 - 24 Hour Trading**
 - 15 Items per ticket**
 - 2 Records per Item**
 - 100 Safety Margin percent**
- 2. If, after calculating, you want to go back to the default values, you must reenter 0's (zero's) in the Lane, Cust/Lane, Trading and Items fields then OVERWRITE the Transaction File Size to be 500000**

Step4: FINAL SETTINGS

Verify the values in KEYS column are correct. These will be the new CURRENT values when you complete the installation.

If incorrect, click *BACK*, recalculate, click *NEXT*, reverify, then click *NEXT* at this screen

- q. At POSQWIZ click *YES*
- r. If prompted, at DIGITAL SIGNAL NOT FOUND, click *OK*
- s. At next window, drag *Office* ICON to desktop and create shortcut, then close window
- t. At SETUP COMPLETE put • on YES restart ..., remove CD click *FINISH*

1.2 **Setup SQL Backup Device**

1.2.1 **Define SQL Backup Location**

ON MFS2 (not required for single server systems)

- a. Verify/Create directory D:\MSSQL\BACKUP
- b. Verify/New Share D: as **D**

ON MFS1 (After Reboot), At SQL MAINTENANCE SETUP

- a. In BACKUP OPTIONS: put on BACKUP TO FILE
- b. In BACKUP TO FILE: tab
 1. At MFS1 SELECTED DIRECTORY FOR FILE BACKUP box click on [...], highlight *D:\MSSQL\BACKUP*, click *OK*
If single server goto 3.

Note: Step 2 not required for single server systems

2. Put on Backup to Other Computer
click on [...]
click (+) *Network Neighborhood*
click (+) *MFS2* server name
click (+) *D*
click (+) *MSSQL*
click *BACKUP*
click *OK*

3. Click *OK*

1.2.2 **Create SQL Backup Device**

- a. At NT DESKTOP goto:
Click on START|PROGRAMS|MS SQL SERVER|ENTERPRISE MANAGER
- b. Click (+) MICROSOFT *SQL SERVERS*
- c. Click (+) *SQL SERVER GROUP*
- d. Click (+) next to MFS1 Server
- e. Click (+) *MANAGEMENT*
- f. Rt. Click *BACKUP*
- g. Click NEW BACKUP DEVICES
- h. At NEW BACKUP DEVICE key in NAME: field **FrontOffBackup**
Verify LOCATION: field is
D:\MSSQL\BACKUP\FrontOffBackup.BAK, click *OK*
- i. Close SQL Enterprise Manager: click *CONSOLE*, then click *EXIT*

1.2.3 Configure/Verify ODBC Data Sources

- a. Goto START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS
- b. dbl. Click *Data Sources (ODBC)*
- c. Click on *System DSN* tab, highlight *FrontOff*, then click on *Configure*
- d. In server box verify: *(local)*, click *NEXT*
- e. At next screen put • on *SQL Server Authentication....*
- f. Key **Front** in both the user and password fields, click *NEXT*
- g. At next screen click *NEXT*
- h. At *SQL DSN Configuration*, click *FINISH*
- i. At next screen click *TEST DATA SOURCE*, verify, then click *OK,OK,OK*
- j. Close Control Panel

1.3 Disable POS_SRV_MANAGER

- a. At NT DESKTOP goto:
START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS, Dbl. click *SERVICES*
- b. Dbl.click *POS_SRV_Manager*, click *LOG ON*, highlight *Original Configuration* or *Profile 1*
- c. Click *Disable*, click *OK*
- d. Close all windows, then at Desktop reboot server.

1.4 Setup POS Services Manager

- a. At NT DESKTOP goto:
START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS
Dbl Click *SERVICES*, Dbl. click *POS_SRV_MANAGER*,
At *PROPERTIES*:
Click *GENERAL* tab, in *Startup Type*: dropdown, select *Automatic*,
Click *LOGON* tab, put • *This Account*, click *Browse*, dbl. click *Administrator*, Key **admin** in *Password* and *Confirm* fields
NOTE: PASSWORD MUST BE SAME AS NT PASSWORD
Highlight *OriginalConfiguration* or *Profile1*, click *ENABLE*, click *OK*
- b. Close *SERVICES* window, click on *X*, then close all windows
- c. At Desktop reboot MFS1 (must be running for MFS2 ISS45 Installation connection)
- d. After BOTH MFS1 and MFS2 are installed, at NT DESKTOP reboot both servers

1.5 **Restore Custom QDX and SQL Databases (ISS45 v8.4)**

1.5.1 **Stop services on BOTH MFS1 and MFS2**

- a. At NT DESKTOP goto:
START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS Dbl Click *SERVICES*, Dbl. click POS_SRV_MANAGER, At PROPERTIES, In GENERAL tab, click *STOP*, when complete click *OK*
- b. Close *SERVICES* window, click on X, then close all windows

1.5.2 **Restore Custom QDX Database to BOTH MFS1 and MFS2**

- a. In START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS
Dbl. click *SERVICES* verify POS_SRV_MANAGER stopped, exit & close windows
- b. At Desktop goto, START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
- c. Change directory to C:\PCMASTER\QDX, delete all *.QDX files, close Explorer
- d. Unzip custom QDX files from source to C:\PCMASTER\QDX directory, then close WinZIP window

1.5.3 **Restore Custom SQL FrontOff and TemplateDB Databases to MFS1 only**

- a. Copy custom SQL BACKUP DataBase file from source to D:\MSSQL\BACKUP
- b. Unzip file to D:\MSSQL\BACKUP
- c. At NTDESKTOP goto: START|PROGRAMS|MSSQL|ENTERPRISE MANAGER
- d. Click (+) MICROSOFT SQL SERVERS
- e. Click (+) SQL SERVER GROUP
- f. Click (+) MFS1 (server)
- g. Click (+) DATABASES
- h. Rt. click FRONTOFF
- i. Highlight ALL TASKS
- j. Click RESTORE DATABASE

- k. At RESTORE DATABASE
 - 1. In Restore as database: dropdown, select *FrontOFF*
 - 2. In Restore area put • *From Device*
 - 3. Click *SELECT DEVICES*, then click *ADD*
 - 4. Put • *File Name:*, then click on [...]
 - 5. Dbl click on file name you want to restore
 - 6. At CHOOSE RESTORE DESTINATION click *OK*, then *OK* again to close both windows
 - 7. At RESTORE DATABASE,click *OPTIONS* tab
 - 8. Put ✓ *Force Restore...*, click *OK*
 - 9. When complete, click *OK*

- l. Rt. click TemplateDB(read only)
- m. Highlight ALL TASKS
- n. Click RESTORE DATABASE
- o. At RESTORE DATABASE
 - 1. In Restore area put • *From Device*
 - 2. Click *SELECT DEVICES*, then click *ADD*
 - 3. Put • *File Name:*, then click on [...]
 - 4. Dbl click on file name you want to restore
 - 5. At CHOOSE RESTORE DESTINATION click *OK*, then *OK* again to close both windows
 - 6. At RESTORE DATABASE,click *OPTIONS* tab
 - 7. In Restore as database: dropdown, select *TemplateDB*
 - 8. Put ✓ *Force Restore...*, click *OK*
 - 9. When complete, click *OK*, close MSSQL\Enterprise Manager

1.5.4 Run SQL fix

- a. On MFS1 copy the 2 files *FixLogin.sql* and *RunSql-login.bat* from source to C:\PROGRAM FILES\POSware\Office\Scripts
- b. Goto that directory and Dbl click *RunSql-login.bat*
- c. When complete open runsqllogin.log file and verify DB_owner change.

1.5.5 Reboot both servers

NOTE: During ISS45 startup open POS Monitoring and check for warning errors under each TAB.

- 1e. If warning count > 0, goto C:\PCMASTER\LOG\POS_SRV.LOG
And look for file size warnings.
TAKE APPROPRIATE ACTION

ISS45 V8.4

APPLICATION

INSTALLATION

PROCEDURE

MFS2

Acer 5200

Release 1, Rev 0 9/5/02

2 INSTALL PROCESS ISS45 V8.4.2.50 (MFS1)

2.1 *Install V8.4.2.50 Front Office*

- a. Insert ISS45 V8.4 CD in CD-ROM Drive
- b. At Desktop goto: START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
- c. Click on (+)MY COMPUTER, then (+)(z:), where (z:) is *CD-ROM drive*
- d. Click on (+)FRONT OFFICE folder, then click on DISK 1
- e. In rt. window dbl. Click on *SETUP.EXE* to begin install
- f. At WELCOME click *NEXT*
- g. At USER INFORMATION click *NEXT* to accept default Name and Company
- h. At REGISTRATION INFORMATION click *YES*
- i. At CHOOSE DESTINATION click *NEXT* to accept default
- j. At BACKOFFICE TYPE, put ✓ on MFS2, click *NEXT*
- k. At SELECT REPORTS FORMAT put • on *Letter*, click *NEXT*
- l. At REMOTE MACHINE NAME, key in MFS1 computer name, click *NEXT*
- m. At FUEL CONNECTION
 - If NO, put • *NO*, click *NEXT*, goto *n*.
 - If YES, put • *YES*, click *NEXT*,
 - At Server Name key **PFS1**, click *NEXT*
 - Click *CONTINUE*, click *NEXT*
- n. At START COPYING FILES click *NEXT* to begin (approx. 2 min)

- o. At HOSTS – NOTEPAD verify the following IP address settings

Verify/Add/Modify the lines:

```
#aaa.bbb.ccc.1      MFS1
#aaa.bbb.ccc.2      MFS2
#aaa.bbb.ccc.3      LFS3
#aaa.bbb.ccc.10     LFS10
#aaa.bbb.ccc.11     POS1
#ddd.eee.fff.0      SUBNETMASK
```

Where:

aaa & bbb are user defined (must be same as in NT network setup)

ccc is site location (must be same as in NT network setup)

d = 255 for ClassA (255.0.0.0)

de = 255 for ClassB (255.255.0.0)

def = 255 for ClassC (255.255.255.0)

EXAMPLE:

```
129.103.5.1        MFS1
129.103.5.2        MFS2
129.103.5.3        LFS3
129.103.5.10       LFS10
129.103.5.11       POS1
255.255.255.0      SUBNETMASK
```

Click Files, Exit, Yes to save and exit (install continues 1 ½ min)

- p. At Q-SETUP Wizard –
NOTE: IF ANY CHANGES ARE MADE TO STANDARD FILE SIZES AND/OR TRANSACTION FILE SIZE YOU MUST MAKE THE IDENTICAL CHANGES ON BOTH SERVERS DURING INSTALLATION

Step1: click *NEXT*

Step2: STANDARD FILES

Click *NEXT* to accept default sizing

Or

Highlight file NUMBER, click *CHANGE*

Key in new number of records required

Click *OK*

Click *NEXT*

Step3: TRANSACTION FILE

Click *NEXT* to accept default sizing

Or, to recalculate file size

Put ✓ on Change Size box

Key enter new parameters

Click calculate, then click *NEXT*

- NOTE: 1. Default of 500,000 records is based on approximately:**
- 20 Lanes**
 - 10 Customer/Lane/Hour**
 - 24 Hour Trading**
 - 15 Items per ticket**
 - 2 Records per Item**
 - 100 Safety Margin percent**
- 2. If, after calculating, you want to go back to the default values, you must reenter 0's (zero's) in the Lane, Cust/Lane, Trading and Items fields, then OVERWRITE the Transaction File Size to be 500000**

Step4: FINAL SETTINGS

Verify the values in KEYS column are correct. These will be the new CURRENT values when you complete the installation.

If incorrect, click *BACK*, recalculate, click *NEXT*, reverify, then click *NEXT* at this screen

- q. At POSQWIZ click *YES*
- r. If prompted, at DIGITAL SIGNAL NOT FOUND, click *OK*
- s. At next window, drag *Office* ICON to desktop, create shortcut close window
- t. At SETUP COMPLETE put • on YES restart ..., remove CD click *FINISH*

2.2 **Setup SQL Backup Device**

2.2.1 **Define SQL Backup Location**

ON MFS2 (not required for single server systems)

- a. Verify/Create directory D:\MSSQL\BACKUP
- b. Verify/New Share D: as **D**

ON MFS1 (After Reboot), At SQL MAINTENANCE SETUP

- a. In BACKUP OPTIONS: put on BACKUP TO FILE

In BACKUP TO FILE: tab

1. At MFS1 SELECTED DIRECTORY FOR FILE BACKUP box
click on [...], highlight *D:\MSSQL\BACKUP*, click *OK*

If single server goto 3.

Note: Step 2 not required for single server systems

2. Put on Backup to Other Computer
click on [...]
click (+) *My Network Places*
click (+) *Computers Near Me*
click (+) *MFS2* server name
click (+) *D*
click (+) *MSSQL*
click *BACKUP*
click *OK*
3. Click *OK*

2.2.2 **Configure/Verify ODBC Data Sources**

- a. Goto START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS
- b. dbl. Click *Data Sources (ODBC)*
- c. Click on *System DSN* tab, highlight *FrontOff*, then click on *Configure*
- d. In server box verify: *MFS1* Computer name, click *NEXT*
- e. At next screen put on *SQL Server Authentication....*
- f. Key **Front** in both the user and password fields, click *NEXT*
- g. At next screen click *NEXT*
- h. At *SQL DSN Configuration*, click *FINISH*
- i. At next screen click *TEST DATA SOURCE*, verify, then click *OK,OK,OK*
- j. Close Control Panel

2.3 **Disable POS_SRV_MANAGER (MFS1 & MFS2)**

- a. At NT DESKTOP goto:
START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS, Dbl. click SERVICES
- b. Dbl.click POS_SRV_Manager, click LOG ON, highlight *Original Configuration* or *Profile 1*
- c. Click *Disable*, click *OK*
- d. Close all windows, then at Desktop reboot server.

2.4 Setup POS Services Manager (MFS1 & MFS2)

- a. At NT DESKTOP goto:
START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS,
Dbl Click *SERVICES*, Dbl. click POS_SRV_MANAGER, At PROPERTIES
Click GENERAL tab, in Startup Type: dropdown, select *Automatic*,
Click LOGON tab, put • *This Account*, click *Browse*, dbl. click *Administrator*, key **admin** in Password and Confirm fields
NOTE: **PASSWORD MUST BE SAME AS NT PASSWORD**
Highlight *OriginalConfiguration* or *Profile1*, click *ENABLE*, click *OK*
- b. Close SERVICES window, click on X, then close all windows
- c. At Desktop reboot MFS1 (must be running for MFS2 ISS45 Installation connection)
- d. After BOTH MFS1 and MFS2 are installed, at NT DESKTOP reboot both servers

2.5 Restore Custom QDX and SQL Databases (ISS45 v8.4)

2.5.1 Stop services on BOTH MFS1 and MFS2

- a. At NT DESKTOP goto:
START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS
Dbl Click *SERVICES*, Dbl. click POS_SRV_MANAGER, At PROPERTIES, In GENERAL tab, click *STOP*, when complete click *OK*
- b. Verify POS_SRV_MANAGER is stopped, close SERVICES window, click on X, then close all windows

2.5.2 Restore Custom QDX Database to BOTH MFS1 and MFS2

- a. At Desktop goto, START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
- b. Change directory to C:\PCMASTER\QDX, delete all *.QDX files, close Explorer

- c. Unzip custom QDX files from source to C:\PCMASTER\QDX directory, then close WinZIP window

2.5.3

Restore Custom SQL FrontOff and TemplateDB Databases to MFS1 only

- a. Copy custom SQL BACKUP DataBase file from source to D:\MSSQL\BACKUP
- b. Unzip file to D:\MSSQL\BACKUP
- c. At NTDESKTOP goto: START|PROGRAMS|MSSQL|ENTERPRISE MANAGER
- d. Click (+) MICROSOFT SQL SERVERS
- e. Click (+) SQL SERVER GROUP
- f. Click (+) MFS1 (server)
- g. Click (+) DATABASES
- h. Rt. click FRONTOFF
- i. Highlight ALL TASKS
- j. Click RESTORE DATABASE
- k. At RESTORE DATABASE
- l. In Restore as database: dropdown, select *FrontOFF*
- m. In Restore area put • *From Device*
- n. Click *SELECT DEVICES*, then click *ADD*
- o. Put • *File Name:*, then click on [...]
- p. Dbl click on file name you want to restore
- q. At CHOOSE RESTORE DESTINATION click *OK*, then *OK* again to close both windows
- r. At RESTORE DATABASE,click *OPTIONS* tab
- s. Put ✓ *Force Restore...*, click *OK*
- t. When complete, click *OK*
- u. Rt. click TemplateDB(read only)
- v. Highlight ALL TASKS
- w. Click RESTORE DATABASE

- x. At RESTORE DATABASE
 - 1. In Restore as database: dropdown, select *TemplateDB*
 - 2. In Restore area put • *From Device*
 - 3. Click *SELECT DEVICES*, then click *ADD*
 - 4. Put • *File Name:*, then click on [...]
 - 5. Dbl click on file name you want to restore
 - 6. At CHOOSE RESTORE DESTINATION click *OK*, then *OK* again to close both windows
 - 8. At RESTORE DATABASE,click *OPTIONS* tab
 - 9. Put ✓ *Force Restore...*, click *OK*
 - 10. When complete, click *OK*, close MSSQL\Enterprise Manager

2.5.4 Run SQL fix

- a. On MFS1 copy the 2 files *FixLogin.sql* and *RunSql-login.bat* from source to C:\PROGRAM FILES\POSware\Office\Scripts
- b. Goto that directory and Dbl click *RunSql-login.bat*
- c. When complete open *runsqllogin.log* file and verify DB_owner change.

2.5.5 Reboot both servers

- NOTE: During ISS45 startup open POS Monitoring and check for warning errors under each TAB.
- Ie. If warning count > 0, goto C:\PCMASTER\LOG\POS_SRV.LOG And look for file size warnings.TAKE APPROPRIATE ACTION

**SYSTEM
INSTALLATION
PROCEDURE
For ISS45 V8.4**

**TP2000 Terminal
Win2000 Professional
Dual or Single Monitor
Single Touch**

Release 1, Rev 1 7/12/02

1 TP2k Installation Procedure

Win2000 Professional + SP2

1.1 *Install Win2000 Professional*

1.1.1 Clean existing HDD

- a. If existing install, Boot server, verify boot sequence is A, C, SCSI

(see 1.1.2)

- b. Boot server on Win98 diskette,
- c. Select (use <↓>), 2. *Start Computer without CD-ROM support*
- d. At A: key **FDISK** <Enter>
- e. At *Enable large disk support* Key [Y] <Enter>
- f. At *Should NTFS partitions be treated as large?* Key [Y] <Enter>
- g. Delete all partitions
- h. When all partitions are deleted, remove diskette, insert Win2kProf CD-ROM , key <Esc> to exit
- i. At A: key <Ctrl>+<Alt>+ to reboot (see 1.1.2)

1.1.2 **Set BIOS to boot from CD-ROM**

- a. During reboot, key to enter CMOS setup
 - b. At CMOS screen highlight *Bios Features Setup*, key <Enter>
 - c. Use <↓> to Boot Sequence
 - d. <PgUp/PgDn> to set boot sequence to CDROM, C, A
 - e. Key <ESC>, <F10>, <Y>, <Enter> to exit CMOS, Save and boot from CD
- Note: If HDD is bootable, at prompt key <Enter> to boot from CD

1.1.3 **Window 2000 Professional**

1.1.3.1 The Beginning

Note: At CD startup, If you are installing any SCSI or RAID device drivers you are prompted to key <F6> **for 5 seconds only**. If not let time pass and continue.

Win2000 Setup loads required files for installation (3 min)

- a. At *Welcome to Setup* key <Enter>
- b. At *NT Licensing Agreement* key <F8> to accept

1.1.3.2 Create C: Partition and Format C: (Boot) Partition

NOTE: If you did not do section 1 above then, if more than one partition displayed, highlight each partition from high to low address,
Key <D>, <Enter> then <L> to delete partitions

- a. Highlight Unpartitioned space, then key <C> to create partition
- b. At next window key <←> to clear partition size,
then key **2047** (for 2GB) <Enter>
or **3071** (for 3GB) <Enter>
or **4095** (for 4GB) <Enter> to create C: partition
- c. Key <↓↑>, highlight C: New Unformatted xxxMB, then key <Enter>
- g. At next window key <↓↑> to highlight Format the partition using NTFS file system, then key <Enter> (3-4 min.)
- h. Install starts automatically (3-4 min)
Copies files
Initializes
Auto reboots (DO NOT HIT A KEY TO BOOT FROM CD)
- f. At *Welcome* screen DO NOT TOUCH, runs auto install
Installing Devices (10 minutes)
- g. At *Regional Settings* click *NEXT* to accept English (US) defaults
- h. At *Personalize...* key Company name and Organization, click *NEXT*
- i. At *Computer Name and Administrator Password* key in Computer name (ie. POS1) and admin password twice then click *NEXT*
- j. At *Date and Time* set Date, Time, Zone and put ✓ Auto adjust clock , click *NEXT* (Installs Network components (2-3min))

1.1.3.3

LOCAL LAN SETUP

- a. At *Network Settings* put Custom, click *NEXT*
- b. highlight Internet Protocol (TCP/IP). Click *Properties*
- c. Put Use the following IP address
- d. Key in the following information, where:
IP Address: **aaa.bbb.ccc.ddd**
Ie 129.103.2.11
Where: **aaa & bbb are user provided,**
ccc = Server System Number ie. 2,
d = 11 = POS1, 12 = POS2 etc
SubNetMask: **255.255.255.0**
Default Gateway: (leave blank)
Click *OK, NEXT*
- e. At *Workgroup or Computer Domain*, put on NO,
key in Workgroup name, click *NEXT*
Installs components (3 min)
Final Tasks (14-15 min)
 - i. At *Completing Setup*, remove CD, click *FINISH* (auto reboot).
 - j. At *Network ID* click *NEXT*
 - k. At *Users of this Computer...*, put Windows always assumes...,
At dropdown box, change name to **Administrator**
In Password key in password <TAB>
In *Confirm Password* key in password, click *NEXT*
 - l. At *Completing Network ID*, click *FINISH* (auto restart Windows)
 - m. At *Getting Started...*, remove ✓ from *Show Screen*, click *EXIT*
 - n. Reboot server and change boot sequence to A, C, *SCSI* (see sec 1.1.2)

1.1.4 **Install WinZip 8 (NOT provided by Fujitsu Transaction Solutions)**

1.1.4.1

Install WinZip 8

- a. Configure with WinZip Classic and use Express Setup

1.1.5 Setup Device Drivers on HDD

1.1.5.1 LAN, VIDEO and TOUCH

- a. Insert source CD (ISS45 8.4.2.x) distribution CD)
In Windows Explorer:
- b. Open **Z:**, where **x:** is CD ROM drive
Click (+) *TP2000*
Click (+) *Win2000 driver*
Click *TP2k Win2k DriversR2*
In rt. window
- c. Unzip (Extract) *Win2K Video (246c).zip* to *C:\VIDEO*
- d. Unzip (Extract) *Win2K LAN(411).ZIP* to *C:* (accept default path *C:\INTEL*)
- e. Unzip (Extract) *W2Ktouch(1.2L22)Opt1.zip* to *C:\TOUCH\DISK1*
- f. Unzip (Extract) *W2Ktouch(1.2L22)Opt3.zip* to *C:\TOUCH\DISK3*
- g. Unzip (Extract) *W2Ktouch(1.2L22)Opt2.zip* to *C:\TOUCH\DISK2*
- h. Exit WinZip application

1.1.6 Verify/Correct Hardware Devices

1.1.6.1 Open Computer Management

- a. At Desktop rt. click *My Computer*, click *MANAGE*
- a. ***Upgrade Video Controller***
 - a. At *Computer Management* , in *Computer Management (Local)\System Tools*, in left window click on *Device Manager*
 - b. In right window click on (+) ? *Other Devices*
 - c. Note Error Devices ie. *Video Controller*
 - d. Dbl. click *Video Controller (VGA Compatable)*, click *Reinstall Driver...*
 - e. At *Upgrade Device Driver*, click *NEXT*
 - f. Put • *Search for suitable...*, click *NEXT*
 - g. Remove ✓s from *Floppy and CD Rom*, put ✓ *Specify Location...*, click *NEXT*
 - h. Click *Browse...*, In *LOOK IN* dropdown, click *C:*, dbl click on *C:\VIDEO*
 - i. Click *OPEN*, click *OK*
 - j. At *Driver Files Search Results*, driver found, click *NEXT*
 - k. At *Digital Signature not Found* click *YES*
 - l. Click *FINISH*, click *CLOSE*

- b **Upgrade LAN (NIC) Driver for Intel 82559**
- a. At *Computer Management* , in Computer Management (Local)\System Tools, in left window click on *Device Manager*
 - b. In right window click on (+) *Network Adapters*
 - c. Dbl. click *Intel® 82559...*
 - d. At *Intel Properties*, click *Driver* tab, click *Update Driver...*
 - e. At *Upgrade Driver Wizard*, click *NEXT*
 - f. Put • *Search for suitable...*, click *NEXT*
 - g. Remove ✓s from *Floppy* and *CD Rom*, put ✓ *Specify Location...*, click *NEXT*
 - h. Click *Browse...*, In *LOOK IN* dropdown, click *C:*, dbl click on *C:\INTEL*
 - i. Click *OPEN*, click *OK*
 - j. At *Driver Files Search Results*, driver found, click *NEXT*
 - m. Click *FINISH*, click *CLOSE*
 - k. Remove CD and close all windows

1.1.7 **Set Single/Dual Display Properties**

1.1.7.1 **Setup Display Properties**

- a. Rt. click in Desktop area, click *Properties*, click *Settings* Tab. Set colors to *High Color (16 bit)* and *Screen area* to *800x600*, Click *APPLY*, *OK*, *YES*
- b. At *Display Properties*, click *Advanced*, click *Chips* Tab

Single Display

In *MultiMonitorDisplay* ▼, select *SingleDisplayMode*

In *Display Device* put • *LCD*

Click *OK*, *OK*, *OK*, *OK*

OR

Dual Display

In *MultiMonitorDisplay* ▼, select *DualDisplayMode*

In *Left/Top* put • *LCD*

Click *OK*, *OK*, *OK*, *OK*

1.1.7.2 **Setup Single Touch on Single/Dual Monitor(s)**

Note: Primary (Operators) Monitor has priority.

- a. Goto START|RUN, *Browse* to C:\TOUCH\DISK2, dbl click *Setup.exe*, click *OK, OK, OK*.
- b. Reboot POST
- c. At Desktop goto START|SETTINGS|CONTROL PANEL, Dbl click *TouchPanel*, click *Hardware setup* Tab. Verify Port Setting for LCD display is Com1

Single Display

Click *DualMonitor setup* tab, remove ✓ Use dual Monitor function, click *APPLY*

OR

Dual display

Click *DualMonitor setup* tab, put ✓ Use dual Monitor function, click *APPLY*

If calibration is required:

Click *Calibration* tab, put • 9 point, click *Calibrate Now*

Follow instructions then key <Enter>, <Enter>, click *OK*

- d. Close windows and reboot POST

1.1.8 **Install Win2000 Professional SP2**

- a. Insert Win2000Prof SP2 CD in CD-ROM drive
- b. In *Autorun screen*, in left column, click on *Install SP2*
- c. In right window, click *install Service Pack 2*
- d. At *File download* put • Run from current location, click *OK*
- e. At *Security Warning*, click *YES* (3-5 min)
- f. At next screen put ✓ on Accept License..., click *INSTALL* (Approx 15 minutes)
- g. When prompted click *RESTART* to reboot server.

1.1.9 Setup HDD Partitions D: & E: and rename CD-ROM drive

a **Change CD label to Z:**

- a. On Desktop rt. click *My Computer*, click *Manage*
click on STORAGE|DISK MANAGEMENT
- b. Rt.click on CD-ROM box to highlight,
- c. Click *Change drive letter*, click *EDIT*,
- d. Click on *Change Drive Letter*, click *EXIT*
- e. In dropdown box select **Z.**, click *OK*
- f. At *Confirm*, click *YES*

b **Create Partitions D: & E: and format on available HDD space**

- a. Rt.click on unallocated drive space to highlight
- b. Click on *Create Partition*,
- c. At *Wizard* click *NEXT*
- d. At *Select Partition type* put • Primary partition, click *NEXT*
- e. At *Create Partition* key in size of **D:**, click *NEXT*
- f. At *Assign Drive Letter* put • Assign drive letter, accept next #, click *NEXT*
- g. At *Format Partition* put • Format this partition..., select **NTFS** in dropdown,
If desired key in Volumn Label, click *NEXT*
- h. At *Completing Wizard*, click *FINISH*
- i. When format is complete,
repeat **a.** to **h.** for Partition **E:** if needed, wanted, required, etc.
- j. When complete close Partition window, click **<X>**

1.1.10 Set Boot Startup

- a. Reboot server
At Desktop goto START|SETTINGS|CONTROL PANEL, dbl. click
SYSTEM, Click *Advanced Tab*, click *Startup and Recovery*,
- d. In System Startup field key **3**, click *OK*
- e. At *System Properties*, click *OK*, *YES* Auto Reboot

1.1.11 Hide Taskbar

1.1.11.1 Hide Task Bar

- a. Right click on empty area of TASKBAR, click *Properties*
- b. Put ✓ in *Auto Hide* box, click *OK*

1.1.11.2 At Win2000 Desktop Reboot server

ISS45 V8.4

APPLICATION

INSTALLATION

PROCEDURE

TP2000 Terminal
Win2000 Professional
Dual or Single Monitor
Single Touch

Release1, Rev 1 6/26/02

1 ISS45 v8.4 Installation

1.1.1 Begin Install

1.1.1.1 Basic Configuration

- a. Insert ISS45 v8.4.2.50 Distribution CD
- b. At *Desktop* goto:
START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
- c. Click (+)MyComputer, click (+)Z: where Z: is CD-ROM drive
- d. Click (+)WinPos, click on *Disk1*
- e. In rt. window dbl. click *SETUP.EXE*
- f. At *Welcome* click *NEXT*
- g. At *User Information* click *NEXT* to accept default user
- h. At *Registration Confirmation* click *YES*
- i. At *Choose Destination* click *NEXT*
- j. At *Screen Resolution* put • 800x600, click *NEXT*
- k. At *Screen Format*:
 - a. put • Full Screen , Non Touch (any POS keyboard)
 - b. put • Wide Menu, Touch & any POS keyboard,
with custom menusys.mac file
 - c. put • Touch Menu, 100% Touch (No POS Keyboard)Click *NEXT*
- l. At *Color Configuration* put • Color Screen, click *NEXT*
- m. **DUAL MONITOR**
At *VGA Configuration* put • VGA Dual Screen (special driver...)
OR
SINGLE MONITOR
At *VGA Configuration* put • VGA Single Screen
- n. At *Hardware Type* put ✓ TeamPOS, click *NEXT*
- o. At *POS Terminal Number* key actual terminal ID# (1-240) click *NEXT*
- p. At *Set 'AutoLogon' ?* put • Yes, click *NEXT*
- q. At *Auto Logon*, in User Name: key **Administrator**,
in Password: key **your Win2000 Administrators password**, click *NEXT*
- r. At *Use OPC?* Put • No, click *NEXT*
- s. At *Start Copying Files* click *NEXT* (2 min)

1.1.1.2 Edit HOSTS file (setup IP addressing)

- a. Click *EDIT*, click *REPLACE...*,
- b. At *Replace* in *Find what:* key #**a.b.c**, then <Tab> to
Replace with: key: **xxx.yyy.zzz**
Where **xxx.yyy.** are company defined.
zzz is this store unique id
xxx.yyy.zzz must be same as MFS1 IP addressing
ie.**129.103.5.**

Click *REPLACE ALL*, then click *CANCEL*

- c. Remove # from SUBNETMASK line, put cursor on beginning of
SUBNETMASK line, key <Delete> once to remove #,
click *FILE/EXIT/YES*

Sample Result of Changes:

```
129.103.5.1 MFS1
129.103.5.2 MFS2
129.103.5.3 LFS3
129.103.5.10 LFS10
129.103.5.11 POS1
255.255.255.0 SUBNETMASK
```

- d. At *Setup Complete* put •Yes restart, click *FINISH*
- e. Close all windows and reboot POST. Auto Cold load runs.

Part II

Upgrading an Existing V8.3 System

**SYSTEM
UPGRADE
PROCEDURE**

**WindowsNT 4.0 to Windows2000 Server
SQL 7.0 Server to SQL2000 Server**

For ISS45 V8.3 Upgrade to V8.4

MFS1

Release 1, Rev 1 7/11/02

1 MFS1 Upgrade Procedure

Upgrade WindowsNT 4.0 Server w/SP6a to Windows2000 Server w/SP2, Upgrade SQL7.0 Server w/SP2 to SQL2000 Server w/SP2, on MFS1

1.1 *Pre Upgrade procedures*

- 1.1.1 **Backup and save ISS45 8.3 SQL 7.0 Database to temp save DIR: on D:**
- 1.1.2 **Backup (zip) and save ISS45 8.3 QDX Database to temp save DIR: on D:**
- 1.1.3 **Stop SQL Services and set to *Manual***
- 1.1.4 **Stop POS_SRV_Manager and set to *Manual***
- 1.1.5 **Reboot MFS1**

1.2 **Upgrade to Windows2000 and SQL2000**

1.2.1 **Upgrade Window NT 4.0 to Windows 2000 w/SP2 on CD**

1.2.1.1 **Insert the Windows 2000 Server CD (autorun)**

- a. At *Windows2000 CD*: message:
CD-Rom contains a newer version.... Would you like to upgrade
Click *YES*
- b. At *2000 Setup* put • Upgrade to Windows 2000, click *NEXT*
- c. At *License Agreement*, put • I Accept....., click *NEXT*
- d. At *Report System Compatabilities*
Note all incompatable files, ie pcAnywhere 10.0
- e. Exit Windows 2000 Upgrade
- f. Remove all incompatable applications
Goto: **START|SETTINGS|CONTROL PANEL,**
dbl click **ADD/REMOVE PROGRAMS**
Highlight program to be removed, click **REMOVE**
Follow program removal steps
- g. Exit to desktop (remove CD) and reboot server reinsert Cd after
reboot)
- h. At *Report System Compatabilities* continue with incompatable files,
click *NEXT*
- i. At *Directory of Applications*, click *NEXT*

Note: files are copied (30 sec) then auto reboot.

The following processes are run automatically. (35-40 min)

- Starts Windows 2000 Server Setup
- Analyzes disk
- Copies files to Windows 2000 install folders (3 – 5 min)
- Initializes Windows 2000 Configuration
- Reboots server (3 – 4 min)
- Detects and installs devices (5 – 6 min)
- Installs networking components (2 min)
- Installs windows 2000 components (3 – 4 min)
- Performs Final tasks
 - Installs start menu items (1 – 2 min)
 - Registers components (5 min)
 - Saves Settings (3 min)
 - Removes temporary files
 - Auto reboots to 2000 Configuration window
- j. When prompted put • One or more Servers on Network... click *NEXT*

- k. Close next window, click on (X)
- l. Reboot server
- m. At *Welcome* remove ✓ Show this screen..., click (X) to close screen

1.2.1.2 **Test Network Card(s)**

- Ping On-Board Intel Nic (local POS network)
- Ping Expansion card (WAN Network) if needed
- a. Goto START|PROGRAMS|ACCESSORIES|COMMAND PROMPT
- b. At command prompt C:\, key **IPCONFIG /ALL** <Enter> to list device IP addr's
- c. At command prompt C:\, key **PING xxx.xxx.xxx.xxx** <Enter> for each device
Where: **xxx.xxx.xxx.xxx** is device IP address
- d. At C:\, key **EXIT** to close DOS window and return to Desktop

1.2.1.3 **Configure Terminal Services**

- a. Goto:
START|PROGRAMS|ADMINISTRATIVE TOOLS|CONFIGURE YOUR SERVER
- b. In left window select: APPLICATION SERVER|TERMINAL SERVICES
- c. In right window, scroll down, click *START*
- d. Put: ✓ Terminal Services, click *NEXT*
- e. Put: • Remote Admin..., click *NEXT* (3-4 min)
- f. When prompted, insert SP2 CD, click *FINISH*
- g. Close Configuration windows, remove CD and reboot server

1.2.2 **Install Windows 2000 SP2**

1.2.2.1 **Insert Windows 2000 SP2 CD (autorun)**

- a. At first screen in left window click on *Install Service Pack 2*
- b. At next screen in right window click on *Install Service Pack2* (Wait 1 min)
- c. At FILE DOWNLOAD, put • *Run this Program...*, click *OK*
- d. At SECURITY WARNING click *YES*
- e. At ServicePack SETUP put • *Accept License...*, click *INSTALL* (27 min)
- f. When complete, remove CD and click *RESTART*

1.2.3 Upgrade to SQL 2000

1.2.3.1 Prepare current SQL 7.0 for upgrade

a **Turn off Read only flag on TemplateDB**

- a. Goto: START|PROGRAMS|SQL SERVER 7.0|ENTERPRISE MANAGER
- b. Click (+) Microsoft SQL Servers
- c. Click (+) SQL Server Group
- d. Click (+) SQL Server (ie MFS1LAB1_05)
- e. Click (+) Databases
- f. Rt. Click TemplateDB (Read Only)
- g. Click Properties
- h. Click Options tab
- i. Remove ✓ from Read Only box, click *OK* (2 – 3 min)
- j. Exit Enterprise Manager, reboot Server

1.2.3.2 Prepare SQL2000 for upgrade

Note: *The initial release of SQL2000 CD from Microsoft has a defective SETUP.INS file and requires a workaround process to upgrade SQL DB to SQL2000*

- a. Create C:\SQL2K directory
- b. Insert SQL2000 release CD and copy ALL data, including directories to the C:\SQL2K directory
- c. Copy the new SETUP.INS file (provided on the ISS45 V8.4 release CD) to: C:\SQL2k\x86\SETUP\ directory

1.2.3.3 Upgrade SQL 7.0 to SQL2000

- a. Dbl Click *SETUP.BAT* in C:\SQL2K directory
 1. At *Welcome* click *NEXT*
 2. At *Computer Name* put • *LOCAL...*, click *NEXT*
 3. At *Install Selection* put • *UPGRADE...*, click *NEXT*
 4. At *Instance Name*, click *NEXT*
 5. At *Existing Installation*, put • *UPGRADE...*, click *NEXT*
 6. At *Upgrade*, put • *YES, Upgrade...*, click *NEXT*
 7. At *Connect to Server* put • *SQL SERVER AUTH...*
Leave sa password blank
Click *NEXT*
 8. At *Start Copying Files*, click *NEXT*
 9. At *Licensing Mode* put • *PER SEAT*, set Devices = 50,

click *CONTINUE*

Files are copied (approx. 10 min)

17 modules load, when complete

10. At *Setup Complete*, remove SQL2k CD, put *Yes, Restart*, click *FINISH*

1.2.3.4

Install SQL2000 SP2 (3 steps)

- a. Insert SQL SP2 CD (x: = CD-ROM Drive)
- b. At x:\ Goto SQL2KASP2\MSOLAP\INSTALL, dbl. click *Setup.exe*
If error click *OK*, goto c.
- c. At x:\ Goto SQL2KDESKSP2, dbl. click *Setup.bat* (15 min)
At *Welcome* click *NEXT*
At *License...*, click *YES*
At *Connect to Server* put *SQL SERVER AUTH...*
Leave sa password blank
Click *NEXT*
At *Start Copying Files*, click *NEXT*
At *Setup Complete*, click *FINISH*
- d. At x:\ Goto SQL2KSP2, dbl. click *Setup.bat* (15 min)
At *Welcome* click *NEXT*
At *License...*, click *YES*
At *Connect to Server* put *SQL SERVER AUTH...*
Leave sa password blank
Click *NEXT*
At *Start Copying Files*, click *NEXT*
At *Setup Complete*, put *Yes, Restart* click *FINISH*

1.2.3.5

Reset TemplateDB to Read Only

- a. Goto: START\PROGRAMS\MS SQL SERVER\ENTERPRISE MANAGER
- b. Click (+) Microsoft SQL Servers
- c. Click (+) SQL Server Group
- d. Click (+) SQL Server (ie MFS1LAB1_05)
- e. Click (+) Databases
- f. Rt. Click TemplateDB (Read Only)
- g. Click Options tab
- h. Put: Read Only box, click *OK*
- i. Exit Enterprise Manager
- j. Reboot server

**SYSTEM
UPGRADE
PROCEDURE**

**WindowsNT 4.0 to Windows2000
SQL 7.0 to SQL 2000**

For ISS45 V8.3 Upgrade to V8.4.1

MFS2

1 MFS2 Upgrade Procedure

Upgrade WindowsNT 4.0 Wkstn+SP6a to Windows2K Prof. w/SP2

Upgrade SQL7.0 Desktop+SP2 to SQL2K Client w/SP2 on MFS2

1.1 *Pre Upgrade procedures*

1.1.1 **Stop POS_SRV_Manager and set to *Manual***

1.1.2 **Reboot MFS2**

1.2 *Upgrade to Windows2000 and SQL2000*

1.2.1 **Upgrade Window NT 4.0 to Windows 2000 Prof w/SP2 on CD**

1.2.1.1 Insert the Windows 2000 Professional w/SP1 CD

- a. At *Windows2000 CD*: message:
CD-Rom contains newer version... Would you like to upgrade, click *YES*
- b. At *2000 Setup* put • Upgrade to Windows 2000, click *NEXT*
- c. At *License Agreement*, put • I Accept....., click *NEXT*
- d. At *Report System Compatabilities*
Note all incompatable files, ie pcAnywhere 10.0
- e. Exit Windows 2000 Upgrade
- f. Remove all incompatable applications
Goto: START|SETTINGS|CONTROL PANEL,
dbl click ADD/REMOVE PROGRAMS
Highlight program to be removed, click REMOVE
- g. Exit to desktop and reboot server
- h. At *Report System Compatabilities* continue with incompatable files,
click *NEXT*

Note: files are copied (30 sec) then auto reboot.

The following processes are run automatically. Just sit back and

watch.

- Starts Windows 2000 Prof Setup
- Analyzes disk
- Copies files to Windows 2000 install folders (3 – 5 min)
- Initializes Windows 2000 Configuration
- Reboots server (3 – 4 min)
- Detects and installs devices (5 – 6 min)

- Installs networking components (2 min)
- Installs Windows 2000 components (3 – 4 min)
- Performs Final tasks
 - Installs start menu items (1 – 2 min)
 - Registers components (5 min)
 - Saves Settings (3 min)
 - Removes temporary files
 - Auto reboots to 2000 Configuration window
- i. At *Welcome* remove ✓ Show this Screen..., to close Window, click *EXIT*

1.2.1.2 **Test Network Card(s)**

- Ping On-Board Intel Nic (local POS network)
- Ping Expansion card (WAN Network) if needed
- u. Goto START|PROGRAMS|ACCESSORIES|COMMAND PROMPT
- v. At command prompt C:\, key **IPCONFIG /ALL** <Enter> to list device IP's
- w. At command prompt C:\, key **PING xxx.xxx.xxx.xxx**<Enter> for each device
- x. At C:\, key **EXIT** to close DOS window and return to Desktop

1.2.2 **Install Windows 2000 SP2**

1.2.2.1 **Insert Windows 2000 SP2 CD (autorun)**

- h. At first screen in left window click on *Install Service Pack 2*
- b. At next screen in right window click on *Install Service Pack2* (wait 1 min)
- c. At FILE DOWNLOAD, put • *Run this Program...*, click *OK*
- d. At SECURITY WARNING click *YES*
- e. At SP SETUP put • *Accept License...*, click *INSTALL* (27 min)
- f. When complete, remove CD and click *RESTART*

1.2.3 Upgrade to SQL 2000

1.2.3.1 Prepare SQL2000 for upgrade

Note: *The initial release of SQL2000 CD from Microsoft has a defective SETUP.INI file and requires a workaround process to upgrade SQL DB to SQL2000*

- a. At MFS1, share Drive C:
At Desktop dbl. click *My Computer* Icon, rt. click C:, Click *Share*, click *New*,
Key **C** in drive name field, exit and save
- b. At MFS2, over the local network, copy the entire C:\SQL2K directory from MFS1 to MFS2 C: (10 min)

1.2.3.2 Upgrade SQL Desktop to SQL2000 Client

- a. Dbl Click *SETUP.BAT* in C:\SQL2K directory
 - a. At *Setup Only Client components*, click *OK*
 - b. At *Computer Name* put • *LOCAL...*, click *NEXT*
 - c. At *Install Selection* put • *INSTALL...*, click *NEXT*
 - d. At *Licensing Mode* put • *PER SEAT*, set Devices = 50, click *CONTINUE*
Files are copied (approx. 10 min)
 - e. At *Install Definition* put • *CLIENT TOOLS ONLY...*, click *NEXT*
 - f. At *Select components*,
Remove ✓ from *ALL BUT CLIENT CONNECTIVITY and BOOKS on LINE*, click *NEXT*
 - g. At *Copy Files*, click *NEXT*
 - h. At *Setup Complete*, click *FINISH*

17 modules load, when complete

1.2.3.3 Install SQL2000 SP2 (3 steps)

- g. Insert SQL SP2 CD (x: = CD-ROM Drive)
- h. At x:\ Goto SQL2KASP2\INSTALL, dbl. click *Setup.exe*
- i. At x:\ Goto SQL2KDESKSP2, dbl. click *Setup.exe* (3 min)
- j. At x:\ Goto SQL2KSP2, dbl. click *Setup.exe* (2 min)
- k. Reboot server

ISS45 V8.4

APPLICATION

UPGRADE
From
ISS45 V8.3.1.50

PROCEDURE

MFS1

Release 1, Rev 1 7/1102

UPGRADE PROCESS ISS45 V8.4 (MFS1)

1 Upgrade ISS45 V8.4 from V8.3.1.50

1.1 **Save all DBs before beginning upgrade (recommended)**

- a. Backup 8.3.1.x SQL DB
- b. Stop services: POS_SRV_Manager and SQL Server Agent
- c. Back up (ZIP) entire C:\PCMASTER\QDX directory

1.2 **Upgrade V8.4 Front Office**

- a. Insert ISS45 V8.4.1.50 CD in CD-ROM Drive
- b. At Desktop goto: START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
- c. Click (+) My COMPUTER
- d. Click on the (+) (Z:), where (Z:) is CD-ROM drive
- e. Click on (+)FRONT OFFICE folder
- f. Click on DISK 1
- g. In rt. window dbl. Click on *SETUP.EXE* to begin install
- h. At WELCOME click *NEXT*
- i. At START COPYING FILES click *NEXT* to begin (approx. 45 min)
 - a. Prepares list of files (3 min)
 - b. Zips modified files (5 min)
 - c. Copies files (6 min)
 - d. Install Stage: (4 min) incl 1 ½ min of Install:Upgrade DataBase
 - e. Upgrade DataBase (25 min)
- j. At *Digital Signal not Found*, click *OK*
- k. At SETUP COMPLETE put • No, I will restart later..., click *FINISH*

1.3 **Setup POS Services Manager and SQLServerAgent**

- i. At NT DESKTOP goto:
START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS
Dbl Click *SERVICES*
Rt. click POS_SRV_MANAGER, click *PROPERTIES*
In GENERAL Tab, change Startup Type to *AUTOMATIC*
In LOGON Tab, put on THIS ACCOUNT
Set User as **Administrator**
Set P/W as **admin**, then **admin** again
Click *OK*

Repeat all of step a. for SQLServerAgent

- b. Delete Office ICON from desktop, then copy new Office ICON shortcut from window.
- c. Close all Windows
- d. When MFS2 is Upgraded go to step 1.4

1.4 **Reboot both servers from Desktop**

NOTE: During ISS45 startup open POS Monitoring and check for warning errors under each TAB.

- ie. If warning count > 0, goto C:PCMASTER\LOG\POS_SRV.LOG
And look for file size warnings.
TAKE APPROPRIATE ACTION

ISS45 V8.4

APPLICATION

UPGRADE
From
ISS45 V8.3.1.50

PROCEDURE

MFS2

Release 1, Rev 0 4/30/02

UPGRADE PROCESS ISS45 V8.4 (MFS2)

1 Upgrade ISS45 V8.4 from V8.3.1.50

1.1 Upgrade V8.4 Front Office

- a. Insert ISS45 V8.4.1.50 CD in CD-ROM Drive
- e. At Desktop goto:
START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
- f. Click on the (+) (Z:), where (Z:) is CD-ROM drive
- g. Click on (+)FRONT OFFICE folder
- h. Click on DISK 1
- i. In rt. window dbl. Click on *SETUP.EXE* to begin install
- j. At WELCOME click *NEXT*
- k. At START COPYING FILES click *NEXT* to begin (approx. 7-10 min)
 - a. Prepares list of files (2 min)
 - b. Zips modified files (1 min)
 - c. Copies files (3 min)
 - d. Install Stage: (1 min)
- l. At DIGITAL SIGNAL NOT FOUND, click *OK*
- m. At SETUP COMPLETE put • No, I will restart later..., click *FINISH*

1.2 **Setup POS Services Manager**

- a. At NT DESKTOP goto:
START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS
- b. Dbl Click *SERVICES*
- c. Rt. click POS_SRV_MANAGER, click *PROPERTIES*
- d. In GENERAL Tab, change Startup Type to *AUTOMATIC*
- e. In LOGON Tab, put on THIS ACCOUNT
Set User as **Administrator**
Set P/W as **admin**, then **admin** again
- f. Click *OK*
- g. Delete Office ICON from desktop, then copy new Office ICON shortcut from window.
- h. Close all Windows
- i. When MFS1 is Upgraded go to step 1.3

1.3 **Reboot both servers at Desktop**

NOTE: During ISS45 startup open POS Monitoring and check for warning errors under each TAB.

- ie. If warning count > 0, goto C:PCMASTER\LOG\POS_SRV.LOG
And look for file size warnings.
TAKE APPROPRIATE ACTION

ISS45 V8.4

APPLICATION

UPGRADE

PROCEDURE

**TP2000 Terminal
Win2000 Professional
Dual Monitor/Single Touch**

Release1, Rev 0 5/20/02

1 ISS45 v8.4 Upgrade

1.1.1 Begin Upgrade

1.1.1.1 Basic Configuration

- t. Insert ISS45 v8.4.2.50 Distribution CD
- u. Verify cashier signed off
- v. At ISS45 splash screen, go to Desktop, key: <Alt>+<F4>
- w. At *Desktop* goto:
START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
- x. Click (+)MyComputer, click (+)*x*: where *x*: is CD-ROM drive
- y. Click (+)WinPos, click on *Disk1*
- z. In rt. window dbl. click *SETUP.EXE*
- aa. At *Start Copying Files* click *NEXT*

1.1.1.2 Edit/Verify HOSTS file (setup IP addressing)

- f. Click *EDIT*, verify IP address if correct exit and goto **f**.
- g. If incorrect click *REPLACE...*,
- h. At *Replace* in *Find what*: key **#a.b.c**, then <Tab> to
Replace with: key: **xxx.yyy.zzz.ddd**
Where **xxx.yyy.** are company defined.
zzz is this store id
ddd (terminal ID #)
xxx.yyy.zzz must be same as MFS1 IP addressing
Ex. **129.103.5.11** for terminal 1
Click *REPLACE ALL*, then click *CANCEL*
- i. Remove # from SUBNETMASK line, put cursor on beginning of
SUBNETMASK line, key <Delete> once to remove #, click
FILE/EXIT/YES
- j. At *Setup Complete* put •Yes restart, click *FINISH*
- k. Close all windows and reboot POST. Auto Cold load runs.

Part III
Other Procedures

V8.4

APPLICATION

UN-INSTALL

PROCEDURE

MFS1

Release 1, Rev 1 5/20/02

1 Uninstall V8.4.2.50 from Win2000 System (MFS1)

Remove ISS45 V8.4.2.50 from Win2000 Server leaving System intact

1.1 ***Uninstall BackOffice Components***

- 1.1.1.1 Stop POS_SRV_Manager
 - a. Goto: START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS
Dbl click *Services*, Dbl. click POS_SRV_Manager, at PROPERTIES|Service Status: click *STOP*
 - b. When service stopped, click *OK* to exit
 - c. Close Services and Control Panel window

- 1.1.1.2 Close Services Monitoring Window
 - a. Goto: START|PROGRAMS|ACCESSORIES|COMMAND PROMPT
 - b. Change directory to C:\PCMASTER
 - c. Key: **PCMUTL32 /EXITSRVM <Enter>**

- 1.1.1.3 Remove POS_SRV_Manager service
 - a. Change directory to C:\PCMASTER\DRV32
 - b. Key: **INSTSRV POS_SRV_Manager remove <Enter>**
 - c. Click on (-) to minimize screen and go to Desktop

- 1.1.1.4 Stop service HaspNT
 - a. Goto: START|SETTINGS|CONTROLPANEL|ADMINISTRATIVE TOOLS|
COMPUTER MANAGEMENT|DEVICE MANAGER
 - b. Click *VIEW*, click *Show Hidden Devices*, in rt. window click (+)Non-Plug and Play Drivers
 - c. Dbl. click HaspNT, click DRIVER tab, click *STOP*
 - d. When service stopped click *OK*. Close all CONTROL PANEL windows

- 1.1.1.5 Remove HaspNT service from
 - a. In Task Bar click on Command Prompt
 - bb. At C:\PCMASTER\DRV32 key **INSTSRV HaspNT remove <Enter>**
 - cc. Key: **EXIT <Enter>** to close Command prompt and return to Desktop

- 1.1.1.6 Remark DrvPOS and Hasp driver references in CONFIG.NT file
- a. Goto START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER|
 - b. In left column click on C:\ (+)MY COMPUTER, (+)(C:), (+)WINNT, then click on SYSTEM32, in rt. window click Show files
 - c. In right column dbl. Click on CONFIG.NT file, to open (Open with Notepad)
 - d. Locate the lines `device=c:\pcmaster\drv\drvpos.com`
and `device=%SystemRoot%\system32\haspdos.sys`
Note: They are at the end of the file.
 - e. At the beginning of each line key in **rem** (space) ie
`Rem device=c:\pcmaster\drv\drvpos.com`
`Rem device=%SystemRoot%\system32\haspdos.sys`
 - f. Exit file and save. Click on *FILE*, then *EXIT*, then *YES*
 - g. Close NT Explorer window
- 1.1.1.7 Delete shortcut SERVICE MONITORING from Startup programs
- f. At TaskBar, rt. click START, click EXPLORE ALL USERS
 - g. In rt. window, dbl. click PROGRAMS, dbl. click STARTUP
 - h. Rt. click POS Service Monitoring, click DELETE, then click YES
 - i. Close EXPLORING window
- 1.1.1.8 Remove pcmaster reference from System Environment
- NOTE: Be Very sure to use DELETE key on PC keyboard NOT the Delete function on the Environment section. The Delete function in Environment section will delete the entire path in the Variable Values: field**
- a. Goto START|SETTINGS|CONTROL PANEL, dbl click SYSTEM
 - b. Click on ADVANCED tab, click ENVIRONMENT VARIABLES
 - c. In *System Variables* highlight the “Path” line, click EDIT
 - d. In Variable Values: box highlight:
`c:\pcmaster\DRV32;c:\pcmaster\DRV;`, then hit DELETE key, then click *OK*, then *OK* to save change
- 1.1.1.9 Close all Windows and reboot server

1.2 **Uninstall V8.4 FrontOffice**

1.2.1.1 Delete SQL DataBase

- a. Goto START|PROGRAMS|MS SQL SERVER, click on *Enterprise Manager*
- b. In ENTERPRISE MANAGER, click the (+) Microsoft SQL Server
click the (+) SQL server Group
click the (+) Server Name
click the (+) Databases
- c. Rt click FRONTOFF database, then click DELETE, then click YES to confirm

1.2.1.2 Delete TemplateDB, FrontOffBackup and reference to Front login

- a. Rt. click TemplateDB database, then click DELETE, then click YES to confirm
- b. Click on the (+) MANAGEMENT folder, click on BACKUP
- c. In rt. window, rt. click FrontOffBackup, click DELETE, then YES to confirm
- d. Click on (+) SECURITY, click on LOGINS
- e. In rt. window, rt. click on FRONT, click DELETE, then YES to confirm
- f. Close SQL Enterprise Manager

1.2.1.3 Delete all Database backup files (if required save to another location first)

- a. Goto
START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
Click (+)MY COMPUTER, (+)D:, (+)MSSQL, highlight BACKUP
- b. Click Edit/Select All, (verify all files in rt. window are highlighted),
- c. rt. click in rt.window on files, click DELETE, click YES to confirm.,
- d. Close Windows Explorer

1.2.1.4 Remove ISS45 Office(Front Office) Application

- a. Goto: START|SETTINGS|CONTROL PANEL
- b. Dbl.click ADD/REMOVE Programs,
- c. Click ISS45 OFFICE, click *Change/Remove*, click YES to confirm.
- d. Click YES to ALL to delete shared files, click YES to confirm, click OK to finish
- e. Close all windows

- 1.2.1.5 Remove POSWare and PCMaster directories.
- a. Goto:
START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
CLICK (+)MY COMPUTER, (+) C:, (+)PROGRAM FILES.
 - b. Rt. click POSware to highlight, click DELETE, then YES to confirm
 - c. Rt. click C:\PCMASTER to highlight, click DELETE, then YES to confirm
 - d. Close all windows and Reboot Server

1.3 ***Server housecleaning after Uninstall***

- 1.3.1.1 **Remove OFFICE icon from Desktop**
- a. Rt. click OFFICE Icon, click DELETE, click YES to confirm
- 1.3.1.2 Verify POS_SRV_Manager service is removed
- a. Goto:
START |SETTINGS|CONTROL PANEL|ADMINISTRATIVE
TOOLS
|SERVICES
- 1.3.1.3 Verify HaspNT device is removed
- a. Goto:
START |SETTINGS|CONTROL PANEL|ADMINISTRATIVE
TOOLS |COMPUTER MANAGEMENT, click Device Manager, click
View/Show Hidden Files, in rt. window click (+) Non-Plug and Play
Drivers, dbl click HaspNT
- 1.3.1.4 Verify C:\PCMASTER\ paths removed from System & User Environment
- a. Goto: START|SETTINGS|CONTROL PANEL|SYSTEM, click
Advanced tab,
Click Environment Variables
- 1.3.1.5 Verify all PCMASTER and OFFICE menu entries are removed
- a. Goto: START|PROGRAMS

- 1.3.1.6 Clear both System and Application logs in Event Viewer
- a. Goto: START|PROGRAMS|ADMINISTRATIVE TOOLS|EVENT VIEWER
 - b. Click on System Log, click *Action*
 - c. Click Clear All Events, then click NO to not save
 - d. Click on Application Log, click *Action*
 - e. Click Clear All Events, then click NO to not save
 - f. Close Event Viewer.
- 1.3.1.7 Verify/clear RegEditor entries – FrontOff, PointOfSale and/or Retailix
- a. Goto: START|RUN, type **REGEDIT**, click OK
 - b. Click Edit, click Find, type **FrontOff**, click Find Next.
 - c. *At each entry found* hit DELETE key, then click YES,
 - d. Then click Edit, click Find Next and repeat **c.** until search is complete, click OK
 - e. Repeat **b.** - **d.** for **PointOfSale (no spacing)** and/or **Retailix**. Close Registry
- 1.3.1.8 Empty recycle bin
- a. Goto:
START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER|recycle Bin
 - b. Click File, then click Empty Recycle Bin, then YES to confirm
- 1.3.1.9 **Close all windows and reboot server**

ISS45 V8.3 to V8.4
SQL/QDX Database
UPGRADE
PROCEDURE
MFS1

Release 1, Rev 1 5/20/02

UPGRADE PROCESS ISS45 V8.3.x DataBase to V8.4.2.x (MFS1)

1.4 *Prerequisites*

1.4.1 **DataBases and Files**

- a. Current Backup of ISS45 v8.3.x FrontOff DataBaseCurrent
- b. Backup of ISS45 v8.3.x TemplateDB Database
- c. Current ZIP of entire ISS45 v8.3.x C:\PCMASTER\QDX directory

1.4.2 **Software**

- a. ISS45 v8.4.2.50 Distribution CD
- b. A zip utility loaded on both v8.3 and v8.4 systems

1.5 *Data Collection from v8.3 System*

1.5.1 **Backup SQL 7.0 FrontOff, TemplateDB DataBases & QDX Files**

1.5.1.1 **Backup FrontOff DataBase**

- a. At NT DESKTOP goto
START|PROGRAMS|MSSQL7|ENTERPRISE MANAGER
- b. Click (+)MICROSOFT SQL SERVERS
- c. Click (+)SQL SERVER GROUP
- d. Click (+)[MFS1 Server]
- e. Click (+)DATABASES
- f. Rt. click FRONTOFF
- g. Highlight ALL TASKS
- h. Click BACKUP DATABASE
- i. At *SQL Server Backup*
In Database: key **FrontOFF**
In Backup: put • Database – complete
In Destination: create unique name for dababase backup file
Click ADD:
Put • Filename
Click [...]
Select D:\MSSQL7\BACKUP directory
(or wherever you save your database backups)
In Filename: key unique file name (ie 83SQLDB.BAK), click *OK*
Then at *SQL Server Backup*, in Destination:
Highlight D:\MSSQL7\BACKUP\83SQLDB.BAK, click *OK*
When complete backup TemplateDB database

1.5.1.2 **Backup TemplateDB DataBase**

- a. Click (+)DATABASES
- b. Rt. click TemplateDB
- c. Highlight ALL TASKS
- d. Click BACKUP DATABASE
- e. At *SQL Server Backup*
In Database: key **TemplateDB**
In Backup: put • Database – complete
In Destination: create unique name for database backup file
Click ADD:
Put • Filename
Click [...]
Select D:\MSSQL7\BACKUP directory
(or wherever you save your database backups)
In Filename: key unique file name (ie 83TMPDB.BAK), click *OK*
Then at *SQL Server Backup*, in Destination:
Highlight D:\MSSQL7\BACKUP\83TMPDB.BAK
- f. When complete exit SQL Enterprise Manager

1.5.1.3 **Zip all C:\PCMASTER\QDX files**

Stop POS_SRV_Manager

- a. At DESKTOP goto START|SETTINGS|CONTROL PANEL,
Dbl. click SERVICES
- b. Highlight POS_SRV_Manager, click *STOP*
- c. When service stopped , click *CLOSE* to exit
- d. Close Control Panel window

Zipup all files in C:\PCMASTER\QDX directory to D:\MSSQL7\BACKUP

- a. Use whatever zip tools you have loaded on your v8.3 and v8.4 systems
- b. Use unique file name (ie. 83QDXDB.ZIP)

1.5.1.4 **Prepare/Send files for transfer to ISS45 v8.4 system**

Zipup all three backup files for transfer

- a. Zip 83SQLDB.BAK, 83TMPDB.BAK AND 83QDXDB.ZIP into a file for transfer to v8.4 system, (ie. 83ALL3DB.zip)

Send Database Zip file to ISS45 v8.4 system

- a. Transfer 83ALL3DB.ZIP (through your network) to ISS45 v8.4 system directory D:\MSSQL\BACKUP

1.6 **Data Restore onto v8.4 System**

- a. Unzip 83ALL3DB.ZIP to D:\MSSQL\BACKUP

1.6.1 Restore QDX files to v8.4 System

Stop POS_SRV_Manager

- a. At DESKTOP goto
START|SETTINGS|CONTROL PANEL|ADMINISTRATIVE TOOLS,
Dbl. click SERVICES
- b. Highlight POS_SRV_Manager, dbl. click *STOP*
- c. When service stopped , click *OK* to exit
- d. Close Services and Administrative Tools windows

Unzip QDX files

- a. Unzip D:\MSSQL\BACKUP\83QDXDB.ZIP to C:\PCMASTER\QDX
- b. Close all windows

1.6.2 Restore SQL FrontOff and TemplateDB DataBases

Restore SQL FrontOff DataBase

- a. At *Desktop* goto:
START|PROGRAMS|MSSQL|ENTERPRISE MANAGER
- b. Click (+) SQL SERVER GROUP
- c. Click (+) MFS1 (server)
- d. Click (+) DATABASES
- e. Rt. click FRONTOFF
- f. Highlight ALL TASKS
- g. Click RESTORE DATABASE
- h. At *Restore DataBase*
 - i. In Restore as database: dropdown, select *FrontOff*
 - ii. In Restore area put • *From Device*
 - iii. Click *SELECT DEVICES*, then click *ADD*
 - iv. Put • *File Name:*, then click on [...]
 - v. Dbl click on file name you want to restore
 - vi. At *Choose Restore Destination* click *OK*, verify file name is correct, then *OK* again to close both windows
 - vii. Click on *OPTIONS* tab
 - viii. Put ✓ *Force Restore to Overwrite...*
 - ix. Change path name(s) to D:\MSSQL\DATA\..., click *OK*
 - x. When restore complete, click *OK*

Restore SQL TemplateDB DataBase

- i. Rt. click TEMPLATEDB
- j. Highlight ALL TASKS
- k. Click RESTORE DATABASE
- l. At *Restore DataBase*
 - i. In Restore as database: dropdown, select *TemplateDB*
 - ii. In Restore area put • *From Device*
 - iii. Click *SELECT DEVICES*, then click *ADD*
 - iv. Put • *File Name:*, then click on [...]
 - v. Dbl click on file name you want to restore
 - vi. At *Choose Restore Destination* click *OK*, verify file name is correct, then *OK* again to close both windows
 - vii. Click on *OPTIONS* tab
 - viii. Put ✓ *Force Restore to Overwrite...*
 - ix. Change path name(s) to D:\MSSQL\DATA\..., click *OK*
 - x. When complete, click *OK*, close MSSQL\Enterprise Manager

Run Fix SQL Login

- h. On MFS1 copy the 2 files *FixLogin.sql* and *RunSql-login.bat* from your source to C:\PROGRAM FILES\POSware\Office\Scripts
- i. Goto that directory and Dbl click *RunSql-login.bat*
- j. When complete open *runsqllogin.log* file and verify DB_owner change.

Note: If you get errors in SQL Login Fix you will have to manually key it.

Key in Fix SQL Login

- a. Goto START|PROGRAMS|MSSQL|ENTERPRISE MANAGER
- b. Click (+) SQL SERVER GROUP
- c. Click (+) MFS1 (server)
- d. Click (+) DATABASES
- e. Highlight FRONTOFF, click TOOLS
- f. Click SQL Query Analyzer, verify DB is FrontOff
- g. Key: **use FrontOff <Enter>**
go <Enter>
sp_changedbowner 'Front'
- h. Click green ► to run
- i. In bottom window verify DB owner has changed.
- j. Close window, click X, at *SaveChanges*, click *NO*
- k. Close SQL Query Analyzer window
- l. Close SQL Enterprise Manager

1.7 v8.3 to v8.4 DataBase Upgrade/Conversion

Note: Requires minimum 4Gb HDD space on drive D:

1.7.1

Rerun V8.4.2.50 Front Office Install

- j. Insert ISS45 V8.4 CD in CD-ROM Drive
- k. At DESKTOP goto:
START|PROGRAMS|ACCESSORIES|WINDOWS EXPLORER
- l. Click on (+)MY COMPUTER, then (+)(x:), where (x:) is *CD-ROM drive*
- m. Click on (+)FRONT OFFICE folder, then click on DISK1
- n. In rt. window dbl. Click on *SETUP.EXE* to begin install
- o. At WARNING verify (*UPGRADE*) in blue window, click *YES*
- p. At WELCOME click *NEXT*
- q. At START COPYING FILES click *NEXT* to begin (approx. 45 min)
Note: Runs entire Install/Upgrade process
- r. At SETUP COMPLETE put • on YES restart ..., click *FINISH*
- s. After system restarts remove CD

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StoreNext Retail Technologies LLC
1250 East Arques Avenue, M/s 363
Sunnyvale, CA 94085

P/N 89000110
PIN 45001/032