

Software Upgrade Procedure

This procedure pertains to the following software:

- MVS-8000/SF/A/ASF software
- MVE-8000/8000A/9000 software
- CCP-8000/9000 software

1. Version Upgrading Procedure

Note: Never turn off the power while the version upgrade is in progress unless otherwise specified. Pay attention to it particularly when software installation is in process. If the power is turned off during the installation, the equipment may not start up.

1.1 Calling the User Setup

- (1) Press the following buttons in the order shown: ENG SETUP > System > Start Up to open the Start Up menu (Page 7314).
- (2) Verify that the Start Up modes of all the SWR1, PNL1 and DME1 are ".Custom" and those of Setup is "User..".
- (3) If above step (2) requirements are not satisfied, move the cursor to SWR1 and, press [Custom] of Start Up Mode and press [User] of Setup in this order. If the requirement specified in step (2) is satisfied, go to step (6).
- (4) In the same way as step (3), move the cursor to DME1 and press [Custom] of Start Up Mode and press [User] of Setup in this order
- (5) Press the [Exec] button, and then "Yes" in reply to the message prompting your confirmation.
When step (5) is completed, the Start Up modes of Setup of Switcher (MVS), Panel and DME (MVE) are switched to User.
- (6) Press the [Initialize] button of the neighboring Function key to display .Initialize. menu (page7315).
- (7) Move the cursor to SWR1 and press the [Reset] button.
- (8) Move the cursor to PNL1 and then DME1 in the same way as step (7), and press the [Reset] button.
- (9) Press the [Exec] button, and then "Yes" in reply to the message prompting your confirmation.
The Switcher (MVS) and Panel restart by booting with the User Setup.

1.2 Saving Data

- (1) Insert a blank compact flash memory card into the memory card adaptor of the control panel.
- (2) Open the File menu (Page 7161) and save [Memory Card] as the destination Device of Save, and select [Setup] and [Initial Status] as the data to be saved.
- (3) Press the [Save] button, and then "Yes" in reply to the message prompting your confirmation.

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- (4) Open the File menu (Page 7161) again, and select the data such as [Snapshot] and [Effect] that you want to save.
- (5) Press the [Save] button, and then "Yes" in reply to the message prompting your confirmation.
- (6) When saving is complete, remove the compact flash memory card.

* There can be a case that the compact flash memory card cannot be recognized so that an error is issued after the above step (3) is executed. In such a case, re-insert the compact flash memory card and repeat the above procedure starting from step (2) once again. If it does not work, make an attempt as described below. Press the following buttons in this order starting from ENG SETUP>System>Maintenance to recognize the USB port again. Then, proceed with above step (2) once again. This operation succeeds in many cases. If a compact flash memory card cannot be recognized in the procedures shown below, try the above-described procedure whenever needed. .

1.3 Installing the Switcher (MVS) Software

- (1) Insert a compact flash memory card in which the application software is copied, into the memory card adaptor.
- (2) Press the following buttons in the order shown: ENG SETUP > System > Install to open the Install menu (Page 7316).
- (3) Press the [Install] button to show the list of software that are copied in the compact flash memory card on the menu screen.
- (4) Move the cursor to the desired software that you want to install from the four software as shown below, and press the [Exec] button. When the message prompting your confirmation appears, press "Yes".

When upgrading MVS-8000 to V4.00 from the version before V1.35: MVS8000 Proc. [V4.00] (for full installation)

When upgrading MVS-8000 to V4.00 from V1.35 and higher: MVS8000 Proc. [V4.00] (for upgrade)

When upgrading MVS-8000 to V4.00 from V3.00 and higher: MVS8000 Proc. [V4.00] (for NO FPGA)

When upgrading MVS-8000SF to V4.00 from the version before V1.35: MVS8000SF Proc. [V4.00] (for full installation)

When upgrading MVS-8000SF to V4.00 from V1.35 and higher: MVS8000SF Proc. [V4.00] (for upgrade)

When upgrading MVS-8000SF to V4.00 from V3.00 and higher: MVS8000SF Proc. [V4.00] (for NO FPGA)

When upgrading MVS-8000A to V4.00 from V3.20 and higher: MVS8000A Proc. [V4.00] (for upgrade)

When upgrading MVS-8000ASF to V4.00 from V3.20 and higher: MVS8000ASF Proc. [V4.00] (for upgrade)

- (5) File transfer begins. If the message indicating completion of file transfer appears, press "OK".
 - * When DVS-9000/9000SF is upgraded from the version before V2.10, the following error message appears. However, no problem will be created if the step (7) and higher are executed. So continue executing your work to step (6).
"CPU/80/BOOT2.CLF PUT CLOSE (0x21)"
- (6) Turn off the power of the MVS once and back on again to re-start the MVS.

If the MVS8000-COMM1-BOOT software is not yet upgraded to "V1.3", and when the MVS8000-COMM1-APP is not yet upgraded to "V1.4", the following steps must be executed in

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order to install the COMM1 software. So please continue.

- (7) After rebooting, open the Install menu (Page 7316) again.
- (8) Press the [Install] button to show the list of software that are copied in the compact flash memory card on the menu screen.
- (9) Move the cursor to the following software and press the [Exec] button. When the message prompting your confirmation appears, press "Yes".
 - MVS8000/DVS9000/SF (Comm1 Only) [V4.00]
- (10) File transfer begins. If the message indicating completion of file transfer appears, press "OK".
- (11) Turn off the power of the MVS once and back on again to re-start the MVS.

1.4 Installing the Menu Software, and Re-Setting the Network Configuration

Be careful that the procedures of version upgrade are different depending on the types of panel in use.

- (1) Insert a compact flash memory card in which the application software is copied, into the memory card adaptor.
- (2) Press the following buttons in the order shown: ENG SETUP > System > Install to open the Install menu (Page 7316).
- (3) Press the [Install] button to show the list of software that are copied in the compact flash memory card on the menu screen.
- (4) Move the cursor to the desired software from the two software as shown below depending on the type of the panel that you want to update, and press the [Exec] button. When the message prompting your confirmation appears, press "Yes".
 - To update the MKS-8010/CCP-9000 to V4.00: MENU CPU (for upgrade from V1.30 or later)
 - To update the MKS-8010A/CCP-9000A to V4.00: MENU CPU MKS8010A (for full install)
- (5) File transfer begins. If the message indicating completion of file transfer appears, press "OK".
- (6) Press the Menu number indicating block in the top left of the menu screen to display the Menu number entry pop-up screen.
- (7) Enter "999" to display the Engineering Menu.
- (8) Press the [Reboot Panel] button to reboot the control panel.
 - * You can turn off the SCU power once and back on to reboot SCU instead of performing the above steps (6) through (8). However, we recommend you to follow the above steps (6) through (8).
- * If you continue upgrading the MKS-8010 and the CCP-9000, we recommend to upgrade the OS by continuing the step (9) and the subsequent steps as shown below. (The following steps are not required if they have been executed in version V3.21 or V3.22 already.)
- (9) Press the following buttons in the order shown: ENG SETUP > System > Install to open the Install menu (Page 7316).
- (10) Press the [Install] button to show the list of software that are copied in the compact flash memory card on the menu screen.
- (11) Move the cursor to the following file and press the [Exec] button. When the message prompting your confirmation appears, press "Yes".
 - MENU Kernel OS (for V3.40R1 or onward)
- (12) File transfer begins. If the message indicating completion of file transfer appears, press "OK".
- (13) Press the Menu number indicating block in the top left of the menu screen to display the

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Menu number entry pop-up screen.

(14) Enter “999” to display the Engineering Menu.

(15) Press the [Reboot Panel] button to reboot the control panel.

* If your system is using MKS-8010A and version of the system software is V3.11, continue installation by executing the step (9) and the subsequent steps as shown below to install the countermeasure software against the FPT trouble.

(9) Press the following buttons in the order shown: ENG SETUP > System > Install to open the Install menu (Page 7316).

(10) Press the [Install] button to show the list of software that are copied in the compact flash memory card on the menu screen.

(11) Move the cursor to the following file and press the [Exec] button. When the message prompting your confirmation appears, press “Yes”.

- MENU CPU MKS8010A (for upgrade from V3.11)

(12) File transfer begins. If the message indicating completion of file transfer appears, press “OK”.

(13) Press the Menu number indicating block in the top left of the menu screen to display the Menu number entry pop-up screen.

(14) Enter “999” to display the Engineering Menu.

(15) Press the [Reboot Panel] button to reboot the control panel.

* When installation of the required software is complete, continue to execute the following operations.

(1) When the menu is displayed again, press the following buttons in the order shown: ENG SETUP > System > Network Config to open the Network Config menu (Page 7311).

(2) Press the [Auto Config] button, and then “Yes” in reply to a confirmation message.

(3) Confirm that all of the equipment that are connected in this system are displayed. Then press the [Define] button.

(4) When a message prompting your confirmation appears, press “Yes”.

1.5 Installing the Panel Software

Be careful that the procedures of version upgrade are different depending on the types of panel in use.

(1) Press the following buttons in the order shown: ENG SETUP > System > Start Up to open the Start Up menu (Page 7314).

(2) Move the cursor to PNL1 and, press [Custom] of Start Up mode and press [Factory] of Setup in this order.

(3) Press the [Exec] button, and then “Yes” in reply to the message prompting your confirmation. When the above operations are complete, the Start Up Mode of Setup is set to “Factory”.

(4) Insert a compact flash memory card in which the application software is copied, into the memory card adaptor.

(5) Press the following buttons in the order shown: ENG SETUP > System > Install to open the Install menu (Page 7316).

(6) Press the [Install] button to show the list of software that are copied in the compact flash memory card on the menu screen.

(7) Move the cursor to the desired software from the two software as shown below depending on the type of the panel that you want to update, and press the [Exec] button. When the message prompting your confirmation appears, press “Yes”.

• To update the MKS-8010/CCP-9000 to V4.00: MKS8010/CCP9000 PNL CTRL *Upgrade*

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- To update the MKS-8010A/CCP-9000A to V4.00: MKS8010A/CCP9000A PNL CTRL *Upgrade*
- (8) File transfer begins. If the message indicating completion of file transfer appears, press "OK".
- (9) Turn off the power of the SCU once and back on again to re-start the SCU.
 - * When you want to proceed to the installation of the DCU software immediately after this step, the SCU must be turned OFF once and back ON. Be sure to turn off the SCU power once and back on without fail.

1.6 Installing the DME (MVE) Software

- (1) Insert a compact flash memory card in which the application software is copied, into the memory card adaptor.
- (2) Press the following buttons in the order shown: ENG SETUP > System > Install to open the Install menu (Page 7316).
- (3) Press the [Install] button to show the list of software that are copied in the compact flash memory card on the menu screen.
- (4) Move the cursor to the desired software that you want to install from the two software in accordance with the DME that you want to upgrade as shown below, and press the [Exec] button. When the message prompting your confirmation appears, press "Yes".
 - * For upgrading the version of MVS-8000 to V4.00: MVE-8000 [V4.00]
 - * For upgrading the version of MVS-8000A to V4.00: MVE-8000A [V4.00]
 - * For upgrading the version of MVS-9000 to V4.00: MVE-9000 [V4.00]
- (5) File transfer begins. If the message indicating completion of file transfer appears, press "OK".
- (6) Turn off the power of the MVE once and back on again to re-start the MVE.

When you are upgrading the MVE-9000 from V2.xx, you need to continue the following steps after re-starting the system power because the pattern for Texture Lighting is not installed yet at this stage. (It means that the installation work should be repeated two times.)

When you are upgrading the MVE-9000 from V3.00 and onward, the following step is not needed.

- (7) Repeat the above steps (2) through (6) again and install the MVE-9000 software again.

1.7 Clearing Memory and Rebooting

- (1) Press the following buttons in the order shown: ENG SETUP > System > Initialize to display the Initialize menu (Menu 7315).
- (2) Move the cursor to SWR1 and press the [All Clear] button.
- (3) Move the cursor to PNL1 and then DME1 in the same way as step (2), and press the [All Clear] button.
- (4) Press the [Exec] button, and then "Yes" in reply to the message prompting your confirmation.

1.8 Initializing Flash Memory

- (1) Press the following buttons in the order shown: ENG SETUP > System > Start Up to open the Start Up menu (Page 7314).
- (2) Move the cursor to SWR1 and press the [Setup Define] button. When the message prompting your confirmation appears, press "Yes".
- (3) Press the [Initial Status Define] button, and then "Yes" in reply to the message prompting your confirmation.
- (4) Move the cursor to PNL1 and press the [Setup Define] button. When the message prompting your confirmation appears, press "Yes".
- (5) Move the cursor to DME1 and press the [Setup Define] button. When the message prompting your confirmation appears, press "Yes".
- (6) Press the [Initial Status Define] button, and then "Yes" in reply to the message prompting

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your confirmation.

1.9 Verifying the Installed Version

This completes the version upgrading. In order to make sure that the installation has ended with success, verify the version number of the installed software.

- (1) Press the following buttons in the order shown: ENG SETUP > System > Install to show the Install menu (Page 7316).
- (2) Confirm that the respective software are upgraded to the versions as described below on the menu.

Menu: Version 4.00 (Oct.14.2004 20:49): In the case of MKS-8010/CCP-9000

Menu: Version 4.00 (Oct.14.2004 20:54): In the case of MKS-8010A/CCP-9000A

PNL1: Version 4.00 (Oct.15.2004 12:00)

SWR1: Version 4.00 (Oct.14.2004 18:40)

DME1: Version 4.00 (Oct.18.2004 11:28): In the case of MVE-8000

DME1: Version 4.00 (Oct.19.2004 17:35): In the case of MVE-8000A

DME1: Version 4.00 (Oct.18.2004 01:56:00 PM): In the case of MVE-9000

* The time and data that are displayed on the menu can be different from the above list. The time and date differences create no problem as far as the version number is correct.

** The version numbers that are displayed here, are the version numbers of the application software of the respective equipment. If the correct version numbers are displayed on the menu, it indicates that the installation has ended with success. However for your confirmation, check the detailed information of the respective software that are installed in each equipment using the procedure as shown below.

- (3) Move the cursor to "Menu" and press the [Detail Information] button. As the software list is displayed, confirm that the displayed list agrees with the following list. Confirm the displayed versions of the other products too, in the same way.

Menu (For MKS-8010/CCP-9000)

Software	Version
MKS8010-MENU-GUI	Version 4.00 (Oct.14.2004 08:49:00 PM)
MKS8010-MENU-IF	Version 4.00 (Oct.14.2004 08:49:00 PM)

Menu (For MKS-8010A/CCP-9000A)

Software	Version
MKS8010A-MENU-GUI	Version 4.00 (Oct.14.2004 20:54)
MKS8010A-MENU-IF	Version 4.00 (Oct.14.2004 20:54)

* The time and data that are displayed on the menu can be different from the above list. The time and date differences create no problem as far as the version number is correct.

PNL (For MKS-8010)

Software	Version
MKS8010-CTRL-MAIN-BOOT	Version 1.10 (Dec.14.2001 15:57)
MKS8010-CTRL-MAIN-APP	Version 4.00 (Oct.15.2004 12:00)
MKS8010-CTRL-COMM1-BOOT	Version 1.3 (Mar.18.2003 22:10)
MKS8010-CTRL-COMM1-APP	Version 1.3 (Mar.18.2003 22:10)
MKS8010-CTRL-COMM2-BOOT	Version 1.3 (Mar.18.2003 22:10)
MKS8010-CTRL-COMM2-APP	Version 1.3 (Mar.18.2003 22:10)

PNL (For MKS-8010A)

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Software	Version
MKS8010A-CTRL-MAIN-BOOT	Version 1.20 (Mar.24.2004 10:48)
MKS8010A-CTRL-MAIN-APP	Version 4.00 (Oct.15.2004 12:00)
MKS8010A-CTRL-COMM1-BOOT	Version 1.05 (Sep.2.2004 15:20)
MKS8010A-CTRL-COMM1-APP	Version 2.02 (Jul.28.2004 17:35)
MKS8010A-CTRL-COMM2-BOOT	Version 1.05 (Sep.2.2004 15:20)
MKS8010A-CTRL-COMM2-APP	Version 2.02 (Jul.28.2004 17:35)

PNL (For CCP-9000)

Software	Version
CCP9000-CTRL-MAIN-BOOT	Version 1.10 (Dec.14.2001 15:57)
CCP9000-CTRL-MAIN-APP	Version 4.00 (Oct.15.2004 12:00)
CCP9000-CTRL-COMM1-BOOT	Version 1.3 (Mar.18.2003 22:10)
CCP9000-CTRL-COMM1-APP	Version 1.3 (Mar.18.2003 22:10)
CCP9000-CTRL-COMM2-BOOT	Version 1.3 (Mar.18.2003 22:10)
CCP9000-CTRL-COMM2-APP	Version 1.3 (Mar.18.2003 22:10)

PNL (For CCP-9000A)

Software	Version
CCP-9000A-CTRL-MAIN-BOOT	Version 1.20 (Mar.24.2004 10:48)
CCP-9000A-CTRL-MAIN-APP	Version 4.00 (Oct.15.2004 12:00)
CCP-9000A-CTRL-COMM1-BOOT	Version 1.05 (Sep.2.2004 15:20)
CCP-9000A-CTRL-COMM1-APP	Version 2.02 (Jul.28.2004 17:35)
CCP-9000A-CTRL-COMM2-BOOT	Version 1.05 (Sep.2.2004 15:20)
CCP-9000A-CTRL-COMM2-APP	Version 2.02 (Jul.28.2004 17:35)

* The time and data that are displayed on the menu can be different from the above list. The time and date differences create no problem as far as the version number is correct..

SWER (For MVS-8000/SF)

Software	Version
MVS8000-MAIN-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-MAIN-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-COMM2-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-COMM2-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-XPT-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-XPT-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-FM-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-FM-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-FM-FPGA	Version 2.00 (Nov.28.2002 15:14)
MVS8000-MVEIF-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-MVEIF-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-OUTPROC-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-OUTPROC-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-ME3-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-ME3-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-ME3-FPGA	Version 2.03 (Apr.18.2003 12:11)
MVS8000-ME3-SOLID	Version 1.00 (Jul.10.2001 13:52)
MVS8000-ME2-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-ME2-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-ME2-FPGA	Version 2.03 (Apr.18.2003 12:11)

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MVS8000-ME2-SOLID	Version 1.00 (Jul.10.2001 13:52)
MVS8000-ME1-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-ME1-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-ME1-FPGA	Version 2.03 (Apr.18.2003 12:11)
MVS8000-ME1-SOLID	Version 1.00 (Jul.10.2001 13:52)
MVS8000-PP-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-PP-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-PP-FPGA	Version 2.03 (Apr.18.2003 12:11)
MVS8000-PP-SOLID	Version 1.00 (Jul.10.2001 13:52)
MVS8000-COMM1-BOOT	Version 1.3 (Mar.18.2003 22:10)
MVS8000-COMM1-APP	Version 1.4 (Jul.7.2003 15:26)
MVS8000-CCR-BOOT	Version 3.00 (Mar.3.2004 13:00)
MVS8000-CCR-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000-CCR-FPGA	Version 2.03 (Sep.4.2003 20:00)

SWER (For MVS-8000A/ASF)

Software	Version
MVS8000A-MAIN-BOOT	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-MAIN-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-COMM2-BOOT	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-COMM2-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-XPT-BOOT	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-XPT-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-FM-BOOT	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-FM-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-FM-FPGA-1	Version V1.10 (Oct.20.2004 09:37)
MVS8000A-FM-FPGA-2	Version V1.10 (Oct.20.2004 09:44)
MVS8000A-CCR-BOOT	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-CCR-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-CCR-FPGA-1	Version V1.10 (Oct.20.2004 10:05)
MVS8000A-MVEIF-BOOT	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-MVEIF-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-MVEIF- FPGA-1	Version V1.10 (Oct.20.2004 10:05)
MVS8000A-OUTPROC-BOOT	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-OUTPROC-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-OUTPROC- FPGA-1	Version V1.10 (Oct.20.2004 09:48)
MVS8000A-OUTPROC- FPGA-2	Version 1.00 (Apr.27.2004 21:04)
MVS8000A-ME3-BOOT	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-ME3-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-ME3-FPGA-1	Version V1.10 (Oct.20.2004 10:05)
MVS8000A-ME3-FPGA-2	Version V1.10 (Oct.20.2004 10:06)
MVS8000A-ME3-FPGA-3	Version 1.00 (Apr.28.2004 10:43)
MVS8000A-ME3-FPGA-4	Version V1.10 (Oct.20.2004 09:32)
MVS8000A-ME3-FPGA-5	Version V1.10 (Oct.20.2004 09:42)
MVS8000A-ME3-FPGA-6	Version 1.00 (Apr.28.2004 10:44)
MVS8000A-ME3-FPGA-7	Version 1.00 (Apr.28.2004 10:44)
MVS8000A-ME3-FPGA-8	Version V1.10 (Oct.20.2004 09:32)
MVS8000A-ME3-SOLID	Version 1.00 (Jul.10.2001 13:52)
MVS8000A-ME2-BOOT	Version 4.00 (Oct.14.2004 18:40)

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MVS8000A-ME2-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-ME2-FPGA-1	Version V1.10 (Oct.20.2004 10:05)
MVS8000A-ME2-FPGA-2	Version V1.10 (Oct.20.2004 10:06)
MVS8000A-ME2-FPGA-3	Version 1.00 (Apr.28.2004 10:43)
MVS8000A-ME2-FPGA-4	Version V1.10 (Oct.20.2004 09:32)
MVS8000A-ME2-FPGA-5	Version V1.10 (Oct.20.2004 09:42)
MVS8000A-ME2-FPGA-6	Version 1.00 (Apr.28.2004 10:44)
MVS8000A-ME2-FPGA-7	Version 1.00 (Apr.28.2004 10:44)
MVS8000A-ME2-FPGA-8	Version V1.10 (Oct.20.2004 09:32)
MVS8000A-ME2-SOLID	Version 1.00 (Jul.10.2001 13:52)
MVS8000A-ME1-BOOT	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-ME1-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-ME1-FPGA-1	Version V1.10 (Oct.20.2004 10:05)
MVS8000A-ME1-FPGA-2	Version V1.10 (Oct.20.2004 10:06)
MVS8000A-ME1-FPGA-3	Version 1.00 (Apr.28.2004 10:43)
MVS8000A-ME1-FPGA-4	Version V1.10 (Oct.20.2004 09:32)
MVS8000A-ME1-FPGA-5	Version V1.10 (Oct.20.2004 09:42)
MVS8000A-ME1-FPGA-6	Version V1.10 (Oct.20.2004 10:07)
MVS8000A-ME1-FPGA-7	Version 1.00 (Apr.28.2004 10:44)
MVS8000A-ME1-FPGA-8	Version V1.10 (Oct.20.2004 09:32)
MVS8000A-ME1-SOLID	Version 1.00 (Jul.10.2001 13:52)
MVS8000A-PP-BOOT	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-PP-APP	Version 4.00 (Oct.14.2004 18:40)
MVS8000A-PP-FPGA-1	Version V1.10 (Oct.20.2004 10:05)
MVS8000A-PP-FPGA-2	Version V1.10 (Oct.20.2004 10:06)
MVS8000A-PP-FPGA-3	Version 1.00 (Apr.28.2004 10:43)
MVS8000A-PP-FPGA-4	Version V1.10 (Oct.20.2004 09:32)
MVS8000A-PP-FPGA-5	Version V1.10 (Oct.20.2004 09:42)
MVS8000A-PP-FPGA-6	Version V1.10 (Oct.20.2004 10:07)
MVS8000A-PP-FPGA-7	Version 1.00 (Apr.28.2004 10:44)
MVS8000A-PP-FPGA-8	Version V1.10 (Oct.20.2004 09:32)
MVS8000A-PP-SOLID	Version 1.00 (Jul.10.2001 13:52)
MVS8000A-COMM1-BOOT	Version 1.3 (Mar.18.2003 22:10)
MVS8000A-COMM1-APP	Version 1.4 (Jul.07.2003 15:26)

* The time and data that are displayed on the menu can be different from the above list. The time and date differences create no problem as far as the version number is correct.

** The above lists are the examples of display when all optional boards are installed in the MVE-8000. If any optional board is not installed, information of the un-installed board will not be displayed.

***The MVS-8000A/ASF software does not contain FPGA data.

DME (For MVE-8000)

Software	Version
MKS8800-MAIN-BOOT	Version 1.01 (Dec.14.2001 21:57)
MKS8800-MAIN-APP	Version 4.00 (Oct.18.2004 11:27)
MKS8800-COMM1-BOOT or	Version 1.10 (Dec.14.2001 21:56)
	Version 1.30 (Apr.8.2003 13:22)
MKS8800-COMM1-APP	Version 4.00 (Oct.18.2004 11:24)
MKS8800-COMM2-BOOT	Version 1.10 (Dec.14.2001 21:57)

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	Version 1.10 (Dec.10.2001 21:57)
or	Version 1.30 (Apr.8.2003 13:24)
MKS8800-COMM2-APP	Version 4.00 (Oct.18.2004 11:26)
MKS8800-VIF-BOOT	Version 1.00 (Jun.8.2001 18:39)
MKS8800-VIF-APP	Version 4.00 (Oct.18.2004 11:22)
MKS8800-DVP1-BOOT	Version 1.00 (Jun.8.2001 18:39)
MKS8800-DVP1-APP	Version 4.00 (Oct.18.2004 11:22)
MKS8800-DVP2-BOOT	Version 1.00 (Jun.8.2001 18:39)
MKS8800-DVP2-APP	Version 4.00 (Oct.18.2004 11:22)
MKS8800-DVP3-BOOT	Version 1.00 (Jun.8.2001 18:39)
MKS8800-DVP3-APP	Version 4.00 (Oct.18.2004 11:22)
MKS8800-DVP4-BOOT	Version 1.00 (Jun.8.2001 18:39)
MKS8800-DVP4-APP	Version 4.00 (Oct.18.2004 11:22)

- * The time and data that are displayed on the menu can be different from the above list. The time and date differences create no problem as far as the version number is correct.
However, only for the MKS8800-COMM2-BOOT, both of the version numbers and the dates on the display and on the list must agree.
- ** The above lists are the examples of display when all optional boards are installed in the MKS-8800. If DVP board is not installed, information of the DVP board will not be displayed.

DME (For MVE-8000A)

Software	Version
MVE-8000A-MAIN-BOOT	Version 1.20 (Sep.18.2004 11:51)
MVE-8000A-MAIN-APP	Version 4.00 (Oct.19.2004 17:34)
MVE-8000A-COMM1-BOOT	Version 1.20 (Sep.18.2004 11:53)
MVE-8000A-COMM1-APP	Version 4.00 (Oct.19.2004 17:30)
MVE-8000A-COMM2-BOOT	Version 1.20 (Sep.18.2004 11:54)
MVE-8000A-COMM2-APP	Version 4.00 (Oct.19.2004 17:32)
MVE-8000A-VIF-BOOT	Version 1.20 (Oct.19.2004 17:29)
MVE-8000A-VIF-APP	Version 4.00 (Oct.19.2004 17:28)
MVE-8000A-DVP1-BOOT	Version 1.20 (Oct.19.2004 17:29)
MVE-8000A-DVP1-APP	Version 4.00 (Oct.19.2004 17:28)
MVE-8000A-DVP2-BOOT	Version 1.20 (Oct.19.2004 17:29)
MVE-8000A-DVP2-APP	Version 4.00 (Oct.19.2004 17:28)
MVE-8000A-DVP3-BOOT	Version 1.20 (Oct.19.2004 17:29)
MVE-8000A-DVP3-APP	Version 4.00 (Oct.19.2004 17:28)
MVE-8000A-DVP4-BOOT	Version 1.20 (Oct.19.2004 17:29)
MVE-8000A-DVP4-APP	Version 4.00 (Oct.19.2004 17:28)

- * The time and data that are displayed on the menu can be different from the above list. The time and date differences create no problem as far as the version number is correct.
- ** The above lists are the example of display when all optional boards are installed in the MVE-8000A. If DVP board is not installed, information of the DVP board will not be displayed.

DME (For MVE-9000)

Software	Version
MVE9000-MAIN-BOOT	Version 1.20 (Sep.25.2004 21:51)
MVE9000-MAIN-APP	Version 4.00 (Oct.18.2004 13:55)
MVE9000-COMM1-BOOT	Version 1.20 (Sep.18.2004 12:53)

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MVE9000-COMM1-APP	Version 4.00 (Oct.18.2004 13:52)
MVE9000-COMM2-BOOT	Version 1.20 (Sep.18.2004 12:54)
MVE9000-COMM2-APP	Version 4.00 (Oct.18.2004 13:53)
MVE9000-VIF-BOOT	Version 1.20 (Oct.18.2004 13:49)
MVE9000-VIF-APP	Version 4.00 (Oct.18.2004 13:48)
MVE9000-DVP1-BOOT	Version 1.20 (Oct.18.2004 13:49)
MVE9000-DVP1-APP	Version 4.00 (Oct.18.2004 13:48)
MVE9000-DVP2-BOOT	Version 1.20 (Oct.18.2004 13:49)
MVE9000-DVP2-APP	Version 4.00 (Oct.18.2004 13:48)
MVE9000-DVP3-BOOT	Version 1.20 (Oct.18.2004 13:49)
MVE9000-DVP3-APP	Version 4.00 (Oct.18.2004 13:48)
MVE9000-DVP4-BOOT	Version 1.20 (Oct.18.2004 13:49)
MVE9000-DVP4-APP	Version 4.00 (Oct.18.2004 13:48)
MVE9000-DVP5-BOOT	Version 1.20 (Oct.18.2004 13:49)
MVE9000-DVP5-APP	Version 4.00 (Oct.18.2004 13:48)
MVE9000-DVP6-BOOT	Version 1.20 (Oct.18.2004 13:49)
MVE9000-DVP6-APP	Version 4.00 (Oct.18.2004 13:48)
MVE9000-DVP7-BOOT	Version 1.20 (Oct.18.2004 13:49)
MVE9000-DVP7-APP	Version 4.00 (Oct.18.2004 13:48)
MVE9000-DVP8-BOOT	Version 1.20 (Oct.18.2004 13:49)
MVE9000-DVP8-APP	Version 4.00 (Oct.18.2004 13:48)

* The time and data that are displayed on the menu can be different from the above list. The time and date differences create no problem as far as the version number is correct.

** The above lists are the example of display when all optional boards are installed in the MVE-9000. If DVP board is not installed, information of the DVP board will not be displayed. Because the two types of software are required for a single DVP board, the software up to DVP-8 can be used when the four DVP boards are used.

1.10 Loading the Saved Data

- (1) Insert the compact flash in which the data has been saved in section 4.2, into the memory card adapter.
- (2) Open the File menu (Page 7161) and select [Memory Card] as the Device in which data is saved, and select [Setup] and [Initial Status] as the data to be loaded. If there is any other data that have been saved beforehand, press the corresponding buttons and select them.
- (3) Press the [Load] button, and then "Yes" in reply to the message prompting your confirmation.
- (4) When loading is complete, remove the compact flash.

1.11 Writing Setup Data in Flash Memory

- (1) Press the following buttons in the order shown: ENG SETUP > System > Start Up to open the Start Up menu (Page 7314).
- (2) Move the cursor to SWR1 and press the [Setup Define] button. When the message prompting your confirmation appears, press "Yes".
- (3) Move the cursor to PNL1 and press the [Setup Define] button in the same way. When the message prompting your confirmation appears, press "Yes".
- (4) Move the cursor to DME1 and press the [Setup Define] button in the same way. When the message prompting your confirmation appears, press "Yes".

This completes the version upgrading work. For the setup data and the initial status data that have been saved in an internal HDD or in a memory card before starting the version upgrading, they should be re-saved as the new data including the data of the newly supported functions. Re-save

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these data after the version upgrading has been completed, by following the same procedure as described in section 4.2.

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