

MVS-8000/DVS-9000 System Application Software

V5.11/V5.12

Contents

- 1 Overview of the Software**
 - 1.1 New Functions**
 - 1.2 Specification Change**
 - 1.3 Bugs Fixed**
- 2 Parts Required for Version Upgrade**
 - 2.1 Parts required**
- 3 Cautions on Version Upgrade**
 - 3.1 MVS-8000A/ASF FPGA Data**
 - 3.2 Confirmation of the Existing Software Version**
 - 3.3 Preparations Before Starting Version Upgrade**
 - 3.4 Other Precautions**
- 4 Procedure of Version Upgrading**
- 5 Compatibility with Previous Versions**
- 6 Comment on Recovery Data**

*1. This upgrade is targeted at the following models.

- MVS-8000/SF/A/ASF software
- MVS-8000A/ASF FPGA Data
- DVS-9000/SF software
- MKS-8010A Software and CCP-9000A Software
- MVE-8000/8000A/9000/BKDS-9470 software

*2. The software to be installed in V5.11 for the MENU, and V5.12 for the software other than the MENU.

1. Overview of the Software

1.1. New Functions

No new functions have been added.

1.2. Specification Change

1.2.1. Changes of Specifications Related to BZS-8050 (V1.12)

- When the ALL STOP key is pressed while the assemble recording is in progress after the leader portion has already been recorded in the first edit, the conventional specification was to hold the First Edit Mode. That the mode is changed to the Assemble Mode in the same way as when the REC OFF key is pressed.

1.3. Bugs Fixed

1.3.1. Switcher-related Bugs

- There was a bug that the effect was not executed in the following case. When an effect of a Shot box was executed immediately after another effect that was already registered in the Shot box was executed by the Auto Run.
- There was a bug that the background pictures were switched when a DME Wipe that had completed in the 2 strokes was used in the Effect or Snapshot during bus toggle.
- There was a bug the Next Transition setting was not reflected on the Preview tally.
- There was a bug that a key was not output in the Preview output when the M/E Config setting of the Setup was in the Program mode.
- There was a bug that the Mask edges became black when the Mask/Border Process setting of the Setup was Border -> Mask.
- There was a bug that the circuit board on which the CPU-DT was installed did not start.
- There was a bug that horizontal noise appeared in the MVS-8000 when video format was HD.
- There was a bug that export of video file to frame memory could not be ended with success.
- There was a bug that the default recall of M/E did not work normally.

1.3.2. DME-related Bugs

- There was a case that the MVE-9000 effects could not be executed smoothly.
- There was a case that noise appeared when picture was frozen in the BKDS-9470.

- There was a bug that the screen size adjustment of the round corner could not be executed normally when the video format was HD, and the screen aspect was 4:3.
- There was a case that the Combine information was not reflected correctly during the Snapshot Recall.

1.3.3. Panel Related Bugs

- There was bug that Effect could not be saved when the PLAY button was operated immediately after recalling a blank register of Effect.
- There was a bug that operations from the System Manager could not be set to Disable.
- There was a bug that a Macro attach file that had the the filename of 7 characters or less could not loaded.
- There was a bug that any file operation was disabled after reading a folder that contained (,) comma as a part of the folder name.
- There were cases that the Macro register file could not be loaded.
- There was a case that the Button Tally on the panel could not be displayed normally when the M/E Config setting of switcher was the DSK mode and the Button Tally setting of Panel was System.

1.3.4. DME-related Bugs

- There was a bug that Recall of Key Frame Register could not be executed normally when the Recall Mode setting was Recall. (This problem was the bug of V5.11 of Panel, Switcher and DME.) (This bug was not the problem of version before V5.11.)

1.3.5. Bugs Related to BZS-8050 (V1.12)

- When analog VTR was used as a recorder, audio insert was not possible.
- When the same as that of the TO source was selected as the audio source, and when the split-in point was set to a point after the starting point of transition in the A/B roll editing, the timing of the TO source was shifted incorrectly.
- When a live source such as AUX or BLACK was used as the FROM source in the A/B roll editing, there were cases that the player preview had not functioned correctly.

- When the initial speed of the source was changed on the Recall Edit page, it was not reflected on the duration of the source.
- When only the live source such as AUX or BLACK was used, the GPI event that has been set before the pre-roll time did not work when the player preview was executed.
- When an open-end editing was executed, the GPI after the recorder's IN point + 2 seconds (equivalent to the system post-roll time) did not work.
- When the GPI was set, the position that executed retry of synchronization became immediately before the last GPI, not immediately before the IN point.

2. Parts Required for Version Upgrade

2.1. Parts required

2.1.1. Application Software

The following application software are required for upgrading versions of the MVS-8000/DVS-9000 system.

Data are stored in the locations as described below:

MVS-8000/SF/A/ASF	/Application/SWR
DVS-9000/SF	/Application/SWR
MKS-8010/8010A/ CCP-9011/9011A/9012/9012A	/Application/PNL and /Application/MENU
MVE-8000/8000A/9000/ BKDS-9470	/Application/DME
MVS-8000A/ASF (FPGA Data)	/SWR_FPGA

Name of the application software in this document:

MVS-8000/SF/A/ASF software	MVS Application
DVS-9000/SF software	DVS Application
MKS-8010/8010A/ CCP-9011/9011A/9012/9012A Main Panel Software	Panel Application
MKS-8010/8010A/ CCP-9011/9,010A/9012/9012A Menu Panel Software	Menu Application
MVE-8000 software	MVE-8000 Application
MVE-8000A software	MVE-8000A Application
MVE-9000 software	MVE-9000 Application
BKDS-9470 software	BKDS-9470 Application
MVS-8000A/ASF FPGA Data	MVS FPGA data

3. Cautions on Version Upgrade

3.1. MVS-8000A/ASF FPGA Data

For the MVS-8000A/ASF, the FPGA data must be installed at the same time. If the FPGA data is not installed, operation of the system is not guaranteed. Be sure to verify the version number of the existing FPGA data that has already been installed before. When the conditions as shown in the following list are all satisfied, the FPGA data of V1.30 has already been installed before hand. In such a case, the Upgrade Package can be used for installation of the software described in these Release Notes. If the conditions as shown in the following list are not satisfied, the Full Package must be used for installation of the software described in these Release Notes.

Software	Version
MVS8000A-xxx-FPGA-1	V1.30
MVS8000A-xxx-FPGA-2	V1.30
MVS8000A-xxx-FPGA-3	V1.30
MVS8000A-xxx-FPGA-4	V1.10
MVS8000A-xxx-FPGA-5	V1.20
MVS8000A-xxx-FPGA-6	V1.20
MVS8000A-xxx-FPGA-8	V1.10
MVS8000A-FM-FPGA-1	V1.30
MVS8000A-FM-FPGA-2	V1.30
MVS8000A-OUTPROC- FPGA-1	V1.30
MVS8000A-MVEIF- FPGA-1	V2.20

xxx : PP, ME1, ME2, ME3

3.2. Confirmation of the Existing Software Version

Verify the versions of the existing application software by following the steps described below;

- (1) Press the following buttons in the order shown: ENG SETUP > System > Install to open the Install menu (Page 7316).
- (2) Verify that versions of the software of the respective equipment have already been upgraded to V1.30 or onward as shown below.

Menu : V1.30 and the subsequent versions

SWR1 (MVS/DVS) : V1.30 and the subsequent versions

DME1 (MVE) : V1.30 and the subsequent versions

PNL1 (Panel) : V1.30 and the subsequent versions

Note: If the version of any equipment has not been upgraded to V1.30 or onward, upgrade them to V1.35 first. After they are upgraded, implement this upgrade.

3.3. Preparations Before Starting Version Upgrade

3.3.1. Copying the application software to a memory card

- (1) Download the appropriate upgrade file **MVS-V512 Software Pack.exe** or **DVS-V512 Software Pack.exe** from the download site a Windows PC.
- (2) Prepare a memory card such as a USB drive or Memory Stick to use for the upgrade. It is recommended to have 200mb a spare available on the memory card for the upgrade files.
If all data cannot be copied in a single memory card due to the limited size of memory card, the main applications and FPGA data can be saved to separate memory cards. Replace the memory cards as required in the following procedure
- (3) Execute the upgrade application on the PC
- (4) Select the memory card as the installation destination.
- (5) Select the components you wish to upgrade
- (6) When completed, the memory card can be removed from the PC and used to upgrade the MVS-DVS system.

3.4. Other Precautions

- (1) The different software for MVS-8000/SF, MVS-8000A/ASF and DVS-9000/SF are prepared for the respective models. Select the software that corresponds to the correct model when installing the software. Especially, when the software for the MVS-8000/SF is installed in mistake for the software for the MVS-8000A/ASF by mistake, the trouble such as "System does not start up" will occur. Be very careful not to make mistake in selecting the software types.
- (2) Confirm that the switch No. 8 of the DIP switch (S101) on the CA board of the switcher is set to OFF.

4. Procedure of Version Upgrading

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 progress. If the power is turned off during the installation, the equipment may not start up.

4.1. 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) Move the cursor to SWR1, and set the Start Up Mode to [Custom], and set the Setup to [User].
 - (3) In the same way, move the cursor to PNL1 and DME1. Set the Start Up Mode to [Custom], and set the Setup to [User].
 - (4) Press the [Exec] button, and then "Yes" in reply to the message prompting your confirmation.
- When the above operations are completed, the Start Up modes of Switcher (MVS/DVS), that of

Panel and that of DME are switched to User.

- (5) Press the [Initialize] button of the neighboring Function key to display the "Initialize" menu (page7315).
 - (6) Move the cursor to SWR1 and press the [Reset] button.
 - (7) Move the cursor to PNL1 and then DME1 in the same way, and press the [Reset] button.
 - (8) Press the [Exec] button, and then "Yes" in reply to the message prompting your confirmation.
- The Switcher (MVS/DVS), the Panel and the DME restart by booting with the User setup.

4.2. 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.
- (4) Open the File menu (Page7161) 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 memory stick.

* 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. .

4.3. Installing the Menu Software, and Re-Setting the Network Configuration

- (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) Select an appropriate procedure from the followings depending on version of the Menu that is currently installed, and perform the procedure as shown below.
 - When the Menu version is before V5.00 (Page 7316.5)

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

Move the cursor to the software file that you want to installed, in accordance with the type of Panel that is the target of version upgrade, among the following two types of software.

- To update the MKS-8010/CCP-9000 to V5.11
select: **MENU CPU (for upgrade from V1.30 or later)**
- To update the MKS-8010A/CCP-9000A to V5.11
select: **MENU CPU MKS8010A (for full install).**
- When the Menu version is V5.00 and subsequent versions (Page 7316.10)
Press the [Install] button to show the equipment list and list of software that can be installed. Then, select Menu from the equipment list and press the [Set] button to turn it ON.
Move the cursor to the software file that you want to installed, in accordance with the type of Panel that is the target of version upgrade, among the following two types of software.
 - To update the MKS-8010/CCP-9000 to V5.11
select: **MENU CPU (for upgrade from V1.30 or later)**
 - To update the MKS-8010A/CCP-9000A to V5.11
select: **MENU CPU MKS8010A (for full install).**
- (4) Press the [Exec] button, and then "Yes" in reply to the message prompting your confirmation.
- (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 "9999" 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).

When version of the existing Menu before upgrading is V5.00 or before, upgrading of the Linux Kernel version is necessary. (8) Re-boot the system, and upgrade the Linux Kernel version as described below.

Caution: If the following two conditions of the MKS-8010A are satisfied as the same time, do not upgrade the Linux Kernel version. However, if the following Condition-1 only is satisfied and the Condition-2 is not satisfied, you can upgrade the Linux Kernel version.

1. Serial number of the MKS-8010A is any of the followings:
10001 through 10009, and 10011 through 10018 (total 17 units)
2. When version number of the MKS8010A-MENU-GUI-RECOVERY is displayed as "Version -- ()" or as "Version --(--)".

In order to confirm the version number, upgrade the Menu to V5.11 by following the steps (1) through (8), and then perform the steps below to confirm the version number.

Let the Install Menu (Page 7316) be displayed on screen.

Move the cursor to Menu and press the [Detail Information] button.

- (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 equipment list and list of software that can be installed. Then, select Menu from the equipment list and press the [Set] button to turn it ON. Move the cursor to the software file that you want to installed, in accordance with the type of Panel that is the target of version upgrade, among the following two types of software.
- To upgrade version of the MKS-8010/CCP-9000
 - select: **MENU CPU SYSTEM SOFTWARE (System Update)**
 - (4) To upgrade version of the MKS-8010A/CCP-9000A
 - select: **MENU CPU MKS8010A SYSTEM (System Update)**
- (11) Press the [Exec] button, and then “Yes” in reply to the message prompting your confirmation.
- (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 “9999” to display the Engineering Menu.
- (15) Press the [Reboot Panel] button to reboot the control panel.
- (14) Enter “9999” to display the Engineering Menu and verify version of the Linux Kernel.
- ❖ For MKS-8010/CCP-9000: 2.4.20-mvs8000 #2 Tue Aug 30 20:27:54 JST 2005
 - ❖ For MKS-8010A/CCP-9000A: 2.4.20_n20-sony-mpu300 #1 Wed Jul 13 08:08:23 UTC 2005
- ❖ When installation of the required software is complete, continue to execute the following operations.
- (15) 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).
- ❖ Press the [Auto Config] button, and then “Yes” in reply to a confirmation message.
 - ❖ Confirm that all of the equipment that are connected in this system are displayed. Then press the [Define] button.
 - ❖ When a message prompting your confirmation appears, press “Yes”.

4.4. Installation of the Switcher Software and FPGA Data (MVS-8000A/ASF only)

- (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 equipment list and list of software that can be installed. Then, select SWR from the equipment list and press the [Set] button to turn it ON.
- (4) Move the cursor to the desired software that you want to install from the following software as shown below in accordance with the version upgrade target, and press the [Exec] button. When the message prompting your confirmation appears, press “Yes”. (The displayed list does not necessarily contain all models because the switcher models are identified and the installable software are filtered before display.)

Note: If the XPT-25 or CA-54A is used as the repair product for the MVS-8000/SF, select MVS-8000/SF Proc. With New2nd [V5.12] (NO FPGA) as the file to install.

- ❖ When upgrading the MVS-8000 to V5.12 from the version before V1.35
select: **MVS8000 Proc. [V5.12] (for full installation)**
 - ❖ When upgrading MVS-8000 to V5.12 from V1.35 and higher
select: **MVS-8000 Proc. [V5.12] (for upgrade)**
 - ❖ When upgrading the MVS-8000 to V5.12 from V3.00 or higher
select: **MVS8000 Proc. [V5.12] (for NO FPGA)**
 - ❖ When upgrading the MVS-8000SF to V5.12 from the version before V1.35
select: **MVS8000SF Proc. [V5.12] (for full installation)**
 - ❖ When upgrading MVS-8000SF to V5.12 from V1.35 and higher
select: **MVS8000SF Proc. [V5.12] (for upgrade)**
 - ❖ When upgrading MVS-8000SF to V5.12 from V3.00 and higher
select: **MVS8000SF Proc. [V5.12] (for NO FPGA)**
 - ❖ When upgrading MVS-8000A to V5.12
select: **MVS8000A Proc. [V5.12] (for upgrade)**
 - ❖ When upgrading MVS-8000ASF to V5.12
select: **MVS8000ASF Proc. [V5.12] (for upgrade)**
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- ❖ When upgrading the DVS-9000 to V5.12 from the version before V1.35
select: **DVS9000 Proc. [V5.12] (for full install)**
 - ❖ When updating DVS-9000 to V5.12 from V1.35 and higher
select: **DVS9000 Proc. [V5.12] (for upgrade)**
 - ❖ When updating DVS-9000 to V5.12 from V4.00 or higher
select: **DVS9000 Proc. [V5.12] (for NO FPGA)**

- ❖ When upgrading the DVS-9000SF to V5.12 from the version before V1.35
select: **DVS9000SF Proc. [V5.12] (for full install)**
- ❖ When updating DVS-9000SF to V5.12 from V1.35 and higher
select: **DVS9000SF Proc. [V5.12] (for upgrade)**
- ❖ When updating DVS-9000SF to V5.12 from V4.00 or higher
select: **DVS9000SF Proc. [V5.12] (for NO FPGA)**

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

For the MVS-8000A/ASF, installation of the FPGA data is required next. Implement the installation by following the steps described below.

- (6) Insert a memory card in which the FPGA data is copied, into the memory card adaptor.
- (7) Press the following buttons in the order shown: ENG SETUP > System > Install to open the Install menu (Page 7316).
- (8) Press the [Install] button to show the equipment list and list of software that can be installed. Then, select SWR from the equipment list and press the [Set] button to turn it ON.
- (9) Move the cursor to the desired FPGA data that you want to install from the FPGA data list as shown below, and press the [Exec] button. When the message prompting your confirmation appears, press “Yes”.

For the existing version of the current FPGA data, refer to above step (3).

- (4) When upgrading the FPGA data of the MVS-8000A to V1.40 from V1.30
select: **MVS8000A-FPGA Upgrade**
- (4) When upgrading the FPGA data of the MVS-8000A to V1.40 from any version other than V1.30 select: **MVS8000A-FPGA Upgrade**
- (4) When upgrading the FPGA data of the MVS-8000ASF to V1.40 from V1.30
select: **MVS8000ASF-FPGA Upgrade**
- (4) When upgrading the FPGA data of the MVS-8000ASF to V1.40 from any version other than V1.30 select: **MVS8000A-FPGA Full**
- (10) File transfer begins. If the message indicating completion of file transfer appears, press “OK”.

When installation of the software and the FPGA data is complete, re-boot the system.

- (11) Turn off the power of the MVS/DVS once and back on again to re-start the MVS/DVS.

If the COMM1-BOOT software is not yet upgraded to “V1.3”, and when the COMM1-APP is not yet upgraded to “V1.6”, the following steps must be executed in order to install the COMM1 software. So please continue.

- (12) After rebooting, open the Install menu (Page 7316) again.
- (13) Press the [Install] button to show the equipment list and list of software that can be installed. Then, select SWR from the equipment list and press the [Set] button to turn it ON.
- (14) Move the cursor to the following file from the installable software, and press the [Exec] button. When the message prompting your confirmation appears, press “Yes”.
 - ❖ MVS8000/DVS9000/SF (Comm1 Only) [V5.12]

There can be cases that the target file will not be displayed depending on the switcher model. In such a case, press the [Display All Software] button to display all of the software and select the desired file.
- (15) File transfer begins. If the message indicating completion of file transfer appears, press “OK”.
- (16) Turn off the power of the MVS/DVS once and back on again to re-start the MVS/DVS.

4.5. Installing the Panel Software

- (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 equipment list and list of software that can be installed. Then, select SWR from the equipment list and press the [Set] button to turn it ON.
- (7) Move the cursor to the desired software from the following 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 V5.12
select: **MKS8010/CCP9000 PNL CTRL Upgrade**
 - ❖ To update the MKS-8010A/CCP-9000A to V5.12
select: **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.

4.6. 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 equipment list and list of software that can be installed. Then, select DME from the equipment list and press the [Set] button to turn it ON.
- (4) Move the cursor to the desired software that you want to install from the following three 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 version of MVE-8000 to V5.12
select: **MVE-8000 [V5.12]**
 - ❖ For upgrading the version of MVE-8000A to V5.12
select: **MVE-8000A [V5.12]**
 - ❖ For upgrading version of MVE-9000 to V5.12
select: **MVE-9000 [V5.12]**
 - ❖ For upgrading the version of BKDS-9470 to V5.12
select: **BKDS-9470 [V5.12]**
- (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. (In the case of the BKDS-9470, turn off the power of the DVS once and back on again to re-start the DVS.

When you are upgrading the MVE-9000 from V2.xx, you need to continue the following steps after the system is re-booted 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.

4.7. 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.

4.8. 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) Press the [Initial Status Define] button, and then “Yes” in reply to the message prompting your confirmation.
- (6) Move the cursor to DME1 and press the [Setup Define] button. When the message prompting your confirmation appears, press “Yes”.
- (7) Press the [Initial Status Define] button, and then “Yes” in reply to the message prompting your confirmation.

4.9. 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 5.11 (Dec.26.2005 19:47:00)

PNL1: Version 5.12 (Jan.30.2005 17:00)

SWR1: Version 5.12 (Jan.30.2006 14:16)

DME1: Version 5.12 (Jan.31.2006 14:39)

- (3) 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. 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 5.11 (Dec.26.2005 19:47:00)
MKS8010-MENU-IF	Version 5.11 (Dec.26.2005 19:47:00)

- ❖ 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.

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

Software	Version
MKS8010A-MENU-GUI	Version 5.11 (Dec.26.2005 19:59)
MKS8010A-MENU-IF	Version 5.11 (Dec.26.2005 19:59)
MKS8010A-MENU-PIE(*1)	Version 1.12 (Dec.20.2005 16:00)
MKS8010A-MENU-GUI-RECOVERY	Version 5.11 (Dec.26.2005 19:59)
MKS8010A-MENU-IF-RECOVERY	Version 5.11 (Dec.26.2005 19:59)
MKS8010A-MENU-PIE-RECOVERY(*1)	Version 1.12 (Dec.20.2005 16:00)
MKS8010A-MENU-GUI-RESTORE	Version 5.11 (Dec.26.2005 19:59)
MKS8010A-MENU-IF-RESTORE	Version 5.11 (Dec.26.2005 19:59)
MKS8010A-MENU-PIE-RESTORE(*1)	Version 1.12 (Dec.20.2005 16:00)

- ❖ 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.

(*1) It is displayed only when license of the Editing Control Software is valid.

PNL (For MKS-8010)

Software	Version
MKS8010-CTRL-MAIN-BOOT	Version 1.10 (Dec.14.2001 15:57)
MKS8010-CTRL-MAIN-APP	Version 5.12 (Jan.30.2005 17:00)
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)

- ❖ 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 CCP-9000)

Software	Version
CCP-9000-CTRL-MAIN-BOOT	Version 1.10 (Dec.14.2001 15:57)
CCP-9000-CTRL-MAIN-APP	Version 5.12 (Jan.30.2005 17:00)
CCP-9000-CTRL-COMM1-BOOT	Version 1.3 (Mar.18.2003 22:10)
CCP-9000-CTRL-COMM1-APP	Version 1.3 (Mar.18.2003 22:10)
CCP-9000-CTRL-COMM2-BOOT	Version 1.3 (Mar.18.2003 22:10)
CCP-9000-CTRL-COMM2-APP	Version 1.3 (Mar.18.2003 22:10)

- ❖ 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-8010A)

Software	Version
MKS8010A-CTRL-MAIN-BOOT	Version 1.30 (May.25.2005 16:12)
MKS8010A-CTRL-MAIN-APP	Version 5.12 (Jan.30.2005 17:00)
MKS8010A-CTRL-COMM1-BOOT	Version 1.10 (Jul.26.2005 14:37)
MKS8010A-CTRL-COMM1-APP	Version 2.03 (Jan.6.2005 14:49)
MKS8010A-CTRL-COMM2-BOOT	Version 1.10 (Jul.26.2005 14:37)
MKS8010A-CTRL-COMM2-APP	Version 2.03 (Jan.6.2005 14:49)

- ❖ 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.

When the CPU-DT is installed as the CPU Module, -DT is added at the end of the software name.

PNL (For CCP-9000A)

Software	Version
CCP-9000A-CTRL-MAIN-BOOT	Version 1.30 (May.25.2005 16:12)
CCP-9000A-CTRL-MAIN-APP	Version 5.12 (Jan.30.2005 17:00)
CCP-9000A-CTRL- COMM1-BOOT	Version 1.10 (Jul.26.2005 14:37)
CCP-9000A-CTRL- COMM1-APP	Version 2.03 (Jan.6.2005 14:49)
CCP-9000A-CTRL- COMM2-BOOT	Version 1.10 (Jul.26.2005 14:37)
CCP-9000A-CTRL- COMM2-APP	Version 2.03 (Jan.6.2005 14:49)

- ❖ 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.

When the CPU-DT is installed as the CPU Module, -DT is added at the end of the software name.

SWER (for MVS-8000/SF software)

Software	Version
MVS8000-MAIN-BOOT	Version 3.00 (Apr.14.2005 13:56:00)
MVS8000-MAIN-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000-COMM2-BOOT	Version 3.00 (Apr.14.2005 13:58:00)
MVS8000-COMM2-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000-XPT-BOOT	Version 3.00 (Apr.14.2005 13:56:00)
MVS8000-XPT-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000-FM-BOOT	Version 3.00 (Apr.14.2005 13:57)
MVS8000-FM-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000-FM-FPGA	Version 2.00 (Nov.28.2002 15:14)
MVS8000-MVEIF-BOOT	Version 3.00 (Apr.14.2005 13:56:00)
MVS8000-MVEIF-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000-OUTPROC-BOOT	Version 3.00 (Apr.14.2005 13:56:00)
MVS8000-OUTPROC-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000-ME3-BOOT	Version 3.00 (Apr.14.2005 13:56:00)
MVS8000-ME3-APP	Version 5.12 (Jan.30.2006 14:16)
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 (Apr.14.2005 13:56:00)
MVS8000-ME2-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000-ME2-FPGA	Version 2.03 (Apr.18.2003 12:11)
MVS8000-ME2-SOLID	Version 1.00 (Jul.10.2001 13:52)
MVS8000-ME1-BOOT	Version 3.00 (Apr.14.2005 13:56:00)

MVS8000-ME1-APP	Version 5.12 (Jan.30.2006 14:16)
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 (Apr.14.2005 13:56:00)
MVS8000-PP-APP	Version 5.12 (Jan.30.2006 14:16)
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 1.6 (Jul.26.2005 18:02:00)
MVS8000-CCR-BOOT	Version 3.00 (Apr.14.2005 13:57)
MVS8000-CCR-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000-CCR-FPGA	Version 2.03 (Sep.4.2003 20:00)

- ❖ 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 MVS-8000. If any optional board is not installed, information of the un-installed board will not be displayed.

If the CA-54A board is used as the repair board of the CA-44 board, or if the XPT-25C complete board is used as the repair board of the XPT-18/21 board, the BOOT software becomes V5.01.

When the CPU-DT is installed as the CPU Module, -DT is added at the end of the software name.

SWER (for MVS-8000A/ASF)

Software	Version
MVS8000A-MAIN-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
MVS8000A-MAIN-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-COMM2-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
MVS8000A-COMM2-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-XPT-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
MVS8000A-XPT-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-FM-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
MVS8000A-FM-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-FM-FPGA-1	Version V1.30 (Oct.06.2005 13:45)
MVS8000A-FM-FPGA-2	Version V1.30 (Oct.06.2005 13:46:00)
MVS8000A-CCR-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
MVS8000A-CCR-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-CCR-FPGA-1	Version V2.03 (Sep.04.2003 20:00)
MVS8000A-MVEIF-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
MVS8000A-MVEIF-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-MVEIF- FPGA-1	Version V2.20 (Apr.14.2005 21:23)
MVS8000A-OUTPROC-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
MVS8000A-OUTPROC-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-OUTPROC- FPGA-1	Version V1.30 (Oct.06.2005 13:46:00)
MVS8000A-OUTPROC- FPGA-2	Version V1.00 (Apr.27.2004 21:04)
MVS8000A-ME3-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
MVS8000A-ME3-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-ME3-FPGA-1	Version V1.40 (Dec.12.2005 17:24)
MVS8000A-ME3-FPGA-2	Version V1.30 (Oct.06.2005 13:46:00)
MVS8000A-ME3-FPGA-3	Version V1.30 (Oct.06.2005 13:46:00)
MVS8000A-ME3-FPGA-4	Version V1.10 (Oct.27.2004 09:32)
MVS8000A-ME3-FPGA-5	Version V1.20 (Oct.27.2004 09:42)
MVS8000A-ME3-FPGA-6	Version V1.20 (Oct.28.2004 10:44)
MVS8000A-ME3-FPGA-7	Version V1.00 (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 5.12 (Jan.30.2006 14:15:00)
MVS8000A-ME2-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-ME2-FPGA-1	Version V1.40 (Dec.12.2005 17:24)
MVS8000A-ME2-FPGA-2	Version V1.30 (Oct.06.2005 13:46:00)

MVS8000A-ME2-FPGA-3	Version V1.30 (Oct.06.2005 13:46:00)
MVS8000A-ME2-FPGA-4	Version V1.10 (Oct.27.2004 09:32)
MVS8000A-ME2-FPGA-5	Version V1.20 (Oct.27.2004 09:42)
MVS8000A-ME2-FPGA-6	Version V1.20 (Oct.28.2004 10:44)
MVS8000A-ME2-FPGA-7	Version V1.00 (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 5.12 (Jan.30.2006 14:15:00)
MVS8000A-ME1-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-ME1-FPGA-1	Version V1.40 (Dec.12.2005 17:24)
MVS8000A-ME1-FPGA-2	Version V1.30 (Oct.06.2005 13:46:00)
MVS8000A-ME1-FPGA-3	Version V1.30 (Oct.06.2005 13:46:00)
MVS8000A-ME1-FPGA-4	Version V1.10 (Oct.27.2004 09:32)
MVS8000A-ME1-FPGA-5	Version V1.20 (Oct.27.2004 09:42)
MVS8000A-ME1-FPGA-6	Version V1.20 (Oct.28.2004 10:44)
MVS8000A-ME1-FPGA-7	Version V1.00 (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 5.12 (Jan.30.2006 14:15:00)
MVS8000A-PP-APP	Version 5.12 (Jan.30.2006 14:16)
MVS8000A-PP-FPGA-1	Version V1.40 (Dec.12.2005 17:24)
MVS8000A-PP-FPGA-2	Version V1.30 (Oct.06.2005 13:46:00)
MVS8000A-PP-FPGA-3	Version V1.30 (Oct.06.2005 13:46:00)
MVS8000A-PP-FPGA-4	Version V1.10 (Oct.27.2004 09:32)
MVS8000A-PP-FPGA-5	Version V1.20 (Oct.27.2004 09:42)
MVS8000A-PP-FPGA-6	Version V1.20 (Oct.28.2004 10:44)
MVS8000A-PP-FPGA-7	Version V1.00 (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 1.6 (Jul.26.2005 18:02:00)

❖ 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 MVS-8000. If any optional board is not installed, information of the un-installed board will not be displayed.

When the CPU-DT is installed as the CPU Module, -DT is added at the end of the software name.

SWER (for DVS-9000/SF)

Software	Version
DVS9000-MAIN-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
DVS9000-MAIN-APP	Version 5.12 (Jan.30.2006 14:16)
DVS9000-COMM2-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
DVS9000-COMM2-APP	Version 5.12 (Jan.30.2006 14:16)
DVS9000-XPT-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
DVS9000-XPT-APP	Version 5.12 (Jan.30.2006 14:16)
DVS9000-OUTPROC-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
DVS9000-OUTPROC-APP	Version 5.12 (Jan.30.2006 14:16)
DVS9000-OUTPROC-FPGA	Version 2.00 (Apr.22.2005 12:16)
DVS9000-FM-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
DVS9000-FM-APP	Version 5.12 (Jan.30.2006 14:16)
DVS9000-FM-FPGA	Version 2.10 (Sep.05.2003 09:22)
DVS9000-ME3-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
DVS9000-ME3-APP	Version 5.12 (Jan.30.2006 14:16)
DVS9000-ME3-FPGA-1 (*1)	Version 3.00 (May.21.2004 12:39)
DVS9000-ME3-FPGA-2 (*2)	Version V3.01 (Sep.16.2004 15:35)
DVS9000-ME3-FPGA-3 (*3)	Version 5.02 (Oct.31.2005 15:56)
DVS9000-ME3-FPGA-4 (*3)	Version 5.02 (Oct.31.2005 16:00:00)
DVS9000-ME3-SOLID	Version 1.00 (Jul.10.2001 13:52)
DVS9000-ME2-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
DVS9000-ME2-APP	Version 5.12 (Jan.30.2006 14:16)
DVS9000-ME2-FPGA-1 (*1)	Version 3.00 (May.21.2004 12:39)
DVS9000-ME2-FPGA-2 (*2)	Version V3.01 (Sep.16.2004 15:35)
DVS9000-ME2-FPGA-3 (*3)	Version 5.02 (Oct.31.2005 15:56)
DVS9000-ME2-FPGA-4 (*3)	Version 5.02 (Oct.31.2005 16:00:00)
DVS9000-ME2-SOLID	Version 1.00 (Jul.10.2001 13:52)
DVS9000-ME1-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
DVS9000-ME1-APP	Version 5.12 (Jan.30.2006 14:16)
DVS9000-ME1-FPGA-1 (*1)	Version 3.00 (May.21.2004 12:39)
DVS9000-ME1-FPGA-2 (*2)	Version V3.01 (Sep.16.2004 15:35)
DVS9000-ME1-FPGA-3 (*3)	Version 5.02 (Oct.31.2005 15:56)
DVS9000-ME1-FPGA-4 (*3)	Version 5.02 (Oct.31.2005 16:00:00)
DVS9000-ME1-SOLID	Version 1.00 (Jul.10.2001 13:52)
DVS9000-PP-BOOT	Version 5.12 (Jan.30.2006 14:15:00)
DVS9000-PP-APP	Version 5.12 (Jan.30.2006 14:16)

DVS9000-PP-FPGA-1 (*1)	Version 3.00 (May.21.2004 12:39)
DVS9000-PP-FPGA-2 (*2)	Version V3.01 (Sep.16.2004 15:35)
DVS9000-PP-FPGA-3 (*3)	Version 5.02 (Oct.31.2005 15:56)
DVS9000-PP-FPGA-4 (*3)	Version 5.02 (Oct.31.2005 16:00:00)
DVS9000-PP-SOLID	Version 1.00 (Jul.10.2001 13:52)
DVS9000-COMM1-BOOT	Version 1.3 (Mar.18.2003 22:10)
DVS9000-COMM1-APP	Version 1.6 (Jul.26.2005 18:02:00)

❖ 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 DVS-9000. If any optional board is not installed, information of the un-installed board will not be displayed.

When the CPU-DT is installed as the CPU Module, -DT is added at the end of the software name.

(*1) In the case when the MIX-46 board suffix is -11.

(*2) In the case when the MIX-46 board suffix is -12.

(*3) In the case when the MIX-46 board suffix is -16.

DME (For MVE-8000)

Software	Version
MKS8800-MAIN-BOOT	Version 1.01 (Dec.14.2001 21:57:00)
MKS8800-MAIN-APP	Version 5.12 (Jan.31.2006 14:34:00)
MKS8800-COMM1-BOOT or	Version 1.10 (Dec.14.2001 21:56:00)
	Version 1.30 (Apr.8.2003 13:22)
MKS8800-COMM1-APP	Version 5.12 (Jan.31.2006 14:31:00)
MKS8800-COMM2-BOOT or or	Version 1.10 (Dec.14.2001 21:57:00)
	Version 1.10 (Dec.10.2001 21:57)
	Version 1.30 (Apr.8.2003 13:24:00)
MKS8800-COMM2-APP	Version 5.12 (Jan.31.2006 14:32:00)
MKS8800-VIF-BOOT	Version 1.00 (Jun.8.2001 18:39)
MKS8800-VIF-APP	Version 5.12 (Jan.31.2006 14:27:00)
MKS8800-DVP1-BOOT	Version 1.00 (Jun.8.2001 18:39)
MKS8800-DVP1-APP	Version 5.12 (Jan.31.2006 14:27:00)
MKS8800-DVP2-BOOT	Version 1.00 (Jun.8.2001 18:39)
MKS8800-DVP2-APP	Version 5.12 (Jan.31.2006 14:27:00)
MKS8800-DVP3-BOOT	Version 1.00 (Jun.8.2001 18:39)
MKS8800-DVP3-APP	Version 5.12 (Jan.31.2006 14:27:00)
MKS8800-DVP4-BOOT	Version 1.00 (Jun.8.2001 18:39)
MKS8800-DVP4-APP	Version 5.12 (Jan.31.2006 14:27:00)

- ❖ 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 2.00 (Jan.31.2006 14:34:00)
MVE-8000A-MAIN-APP	Version 5.12 (Jan.31.2006 14:43:00)
MVE-8000A-COMM1-BOOT	Version 2.00 (Jan.31.2006 14:37:00)
MVE-8000A-COMM1-APP	Version 5.12 (Jan.31.2006 14:37:00)
MVE-8000A-COMM2-BOOT	Version 2.00 (Jan.31.2006 14:39)
MVE-8000A-COMM2-APP	Version 5.12 (Jan.31.2006 14:39)
MVE-8000A-VIF-BOOT	Version 2.00 (Jan.31.2006 14:34:00)
MVE-8000A-VIF-APP	Version 5.12 (Jan.31.2006 14:33:00)
MVE-8000A-DVP1-BOOT	Version 2.00 (Jan.31.2006 14:34:00)
MVE-8000A-DVP1-APP	Version 5.12 (Jan.31.2006 14:33:00)
MVE-8000A-DVP2-BOOT	Version 2.00 (Jan.31.2006 14:34:00)
MVE-8000A-DVP2-APP	Version 5.12 (Jan.31.2006 14:33:00)
MVE-8000A-DVP3-BOOT	Version 2.00 (Jan.31.2006 14:34:00)
MVE-8000A-DVP3-APP	Version 5.12 (Jan.31.2006 14:33:00)
MVE-8000A-DVP4-BOOT	Version 2.00 (Jan.31.2006 14:34:00)
MVE-8000A-DVP4-APP	Version 5.12 (Jan.31.2006 14:33:00)

- ❖ 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.

When the CPU-DT is installed as the CPU Module, -DT is added at the end of the software name.

DME (For MVE-9000)

Software	Version
MVE9000-MAIN-BOOT	Version 2.00 (Jan.30.2006 13:51:00)
MVE9000-MAIN-APP	Version 5.12 (Jan.30.2006 14:01:00)
MVE9000-COMM1-BOOT	Version 2.00 (Jan.30.2006 13:55:00)
MVE9000-COMM1-APP	Version 5.12 (Jan.30.2006 13:55:00)
MVE9000-COMM2-BOOT	Version 2.00 (Jan.30.2006 13:57:00)
MVE9000-COMM2-APP	Version 5.12 (Jan.30.2006 13:57:00)
MVE9000-VIF-BOOT	Version 2.00 (Jan.30.2006 13:51:00)
MVE9000-VIF-APP	Version 5.12 (Jan.30.2006 13:50:00)
MVE9000-DVP1-BOOT	Version 2.00 (Jan.30.2006 13:51:00)
MVE9000-DVP1-APP	Version 5.12 (Jan.30.2006 13:50:00)
MVE9000-DVP2-BOOT	Version 2.00 (Jan.30.2006 13:51:00)
MVE9000-DVP2-APP	Version 5.12 (Jan.30.2006 13:50:00)
MVE9000-DVP3-BOOT	Version 2.00 (Jan.30.2006 13:51:00)
MVE9000-DVP3-APP	Version 5.12 (Jan.30.2006 13:50:00)
MVE9000-DVP4-BOOT	Version 2.00 (Jan.30.2006 13:51:00)
MVE9000-DVP4-APP	Version 5.12 (Jan.30.2006 13:50:00)
MVE9000-DVP5-BOOT	Version 2.00 (Jan.30.2006 13:51:00)
MVE9000-DVP5-APP	Version 5.12 (Jan.30.2006 13:50:00)
MVE9000-DVP6-BOOT	Version 2.00 (Jan.30.2006 13:51:00)
MVE9000-DVP6-APP	Version 5.12 (Jan.30.2006 13:50:00)
MVE9000-DVP7-BOOT	Version 2.00 (Jan.30.2006 13:51:00)
MVE9000-DVP7-APP	Version 5.12 (Jan.30.2006 13:50:00)
MVE9000-DVP8-BOOT	Version 2.00 (Jan.30.2006 13:51:00)
MVE9000-DVP8-APP	Version 5.12 (Jan.30.2006 13:50:00)

- ❖ 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.

When the CPU-DT is installed as the CPU Module, -DT is added at the end of the software name.

DME (For BKDS-9470)

Software	Version
BKDS9470-MAIN-BOOT	Version 1.90 (Jan.30.2006 14:01:00)
BKDS9470-MAIN-APP	Version 5.12 (Jan.30.2006 13:52:00)
BKDS9470-COMM1-BOOT	Version 1.90 (Jan.30.2006 13:49:00)
BKDS9470-COMM1-APP	Version 5.12 (Jan.30.2006 13:49:00)
BKDS9470-COMM2-BOOT	Version 1.90 (Jan.30.2006 13:50:00)
BKDS9470-COMM2-APP	Version 5.12 (Jan.30.2006 13:50:00)
BKDS9470-DVP1-BOOT	Version 1.90 (Jan.30.2006 14:04:00)
BKDS9470-DVP1-APP	Version 5.12 (Jan.30.2006 13:45:00)
BKDS9470-DVP2-BOOT	Version 1.90 (Jan.30.2006 14:04:00)
BKDS9470-DVP2-APP	Version 5.12 (Jan.30.2006 13:45:00)

- ❖ 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.

When the CPU-DT is installed as the CPU Module, -DT is added at the end of the software name.

4.10. 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 memory card.

Note: Only by the above-described operation alone, the Initial Status data is written in a flash memory.

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

5. Compatibility with Previous Versions

The files (setup files, snap shot files, key frames and BZS-8050 EDL and others) of the previous versions can be used in this version. Use of the files of the previous versions will not create any compatibility problem.

6. Comment on Recovery Data

When the internal HDD is replaced with the new HDD or when the recovery data that has been stored in the HDD beforehand has been damaged due to any reason, the error message

“Internal Error: Recovery HDD” is displayed. . In such a case, re-setting of the recovery data becomes necessary.

The recovery data are different depending on the respective versions. The following recovery data is provided for V5.11.

RecoveryData/mks8010a-2.0.0-hdc4.tar.gz

RecoveryData/mks8010a-2.0.0-hdc4_patches.tar.gz

Download the desired from the specified FTP download site and use it.