

Setting up with the administration tool

Preparing for setup

Connect the host PC to the network of the unit. Then set up a web browser disabling the use of proxy servers. Refer to the instruction manual of the host PC for more details.

Turning on the unit

After configuring the debugging network settings of the host PC, turn on the unit.

1 Turn on the main power switch [→page 16].

This turns on the unit and starts system initialization. During initialization, the power indicator flashes red. This LED turns solid red when the initialization process is complete.

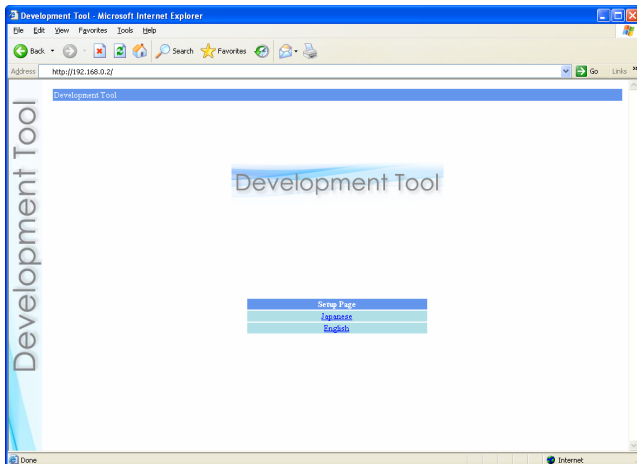
Starting the Administration Tool

This turns on the unit and starts system initialization. During initialization, the power indicator flashes red. This LED turns solid red when the initialization process is complete.

1 Start the Web browser on the host PC.

2 Type <http://192.168.0.2/> in the address field of the Web browser, and press the Enter key.

The language selection screen is displayed.



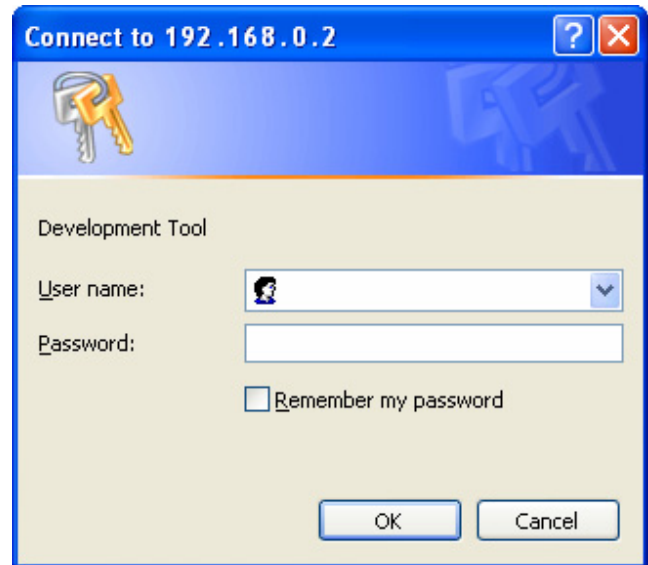
3 Select the display language for the administration tool.

The login screen is displayed.

Select the language (for example English) here.

Login

Log in with a user name and password.



1 Enter the user name and password as follows:

To log in as the administrator, enter the “Administrator” user name and password as follows:

- user name: Administrator
- password: Administrator
- * These are the factory default settings.

When logged in as the administrator, all of the functions shown in the Administration Tools menu are active.

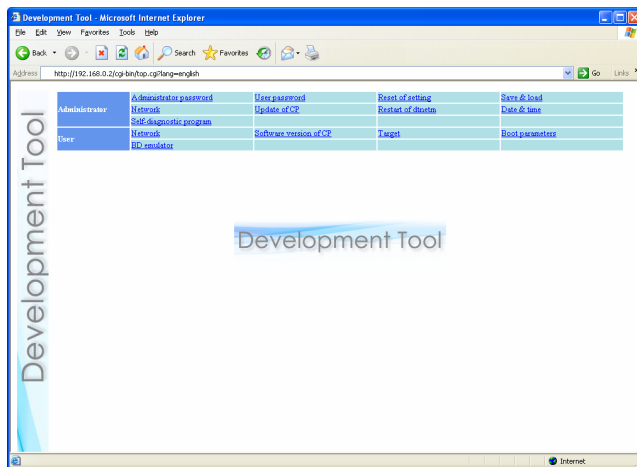
To log in as a user, enter the user name and password as follows:

- user name: User
- password: User
- * These are the factory default settings.

When logged in as a user, only the “User” functions shown in the Administration Tools menu are active. The “Administrator” functions cannot be used.

2 Click “OK”.

Upon successfully logging in, the main screen of the Administration Tool is displayed.



Administrator

These options allow the user to modify settings and update the software of the unit.

Administrator password	Change the administrator password.
User password	Change the user password.
Reset of setting	Initialize the selected settings.
Save & load	Save settings, and synchronize the saved settings with this unit.
Network	Configure the necessary network settings.
Update of CP	Update the software for the communication processor.
Restart of dtnetm	Restart programs communicating with the host PC via the DECI protocol.
Date & time	Configure the time and time zone.
Self-diagnostic program	Perform a diagnostic test for the Reference Tool

User

The following unit settings can be displayed.

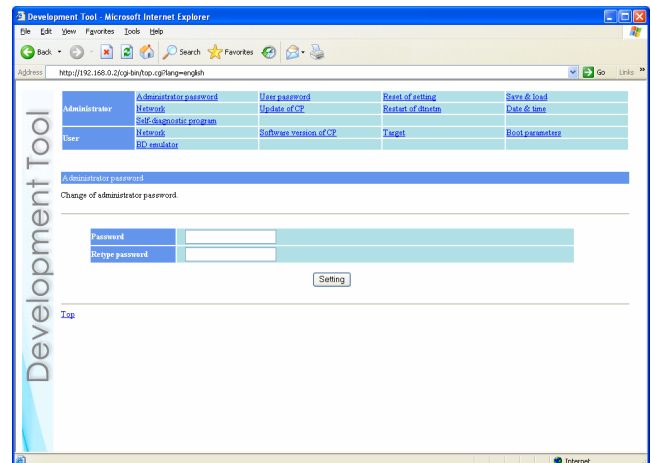
Network	Verify the network settings.
CP version	Verify the version numbers of software packages for the installed communication processor.
Target	Check the status of the development target.
Boot Parameter	Verify and change the boot parameters settings.
BD Emulator	Confirm or change the BD emulator settings.

Setting up - Administrator

Click on the desired item to the right of “Administrator”.

Administrator password

Upon clicking “Administrator password”, the following screen is displayed. This screen is utilized to change the password used for administrator authentication.



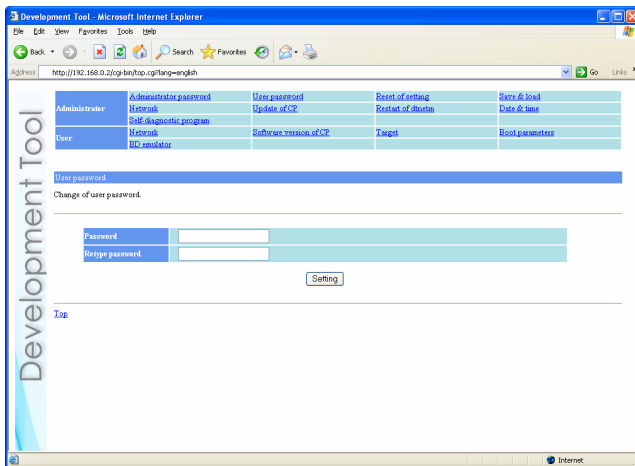
Enter the desired password in the “Password” and “Retype Password” fields. Click “Setting” to complete the configuration.

Caution

- For security purposes, be sure to change the default password.
- The password must be a combination of both letters and numeric characters. Passwords consisting of all lowercase, all uppercase or all numeric characters are not allowed.
- A password may be seven or eight characters long. Passwords fewer than seven characters long are not allowed. Also, if nine or more characters are entered, only the first eight characters are set as the password.
- If an error is made in entering the password, or the values entered into the “Password” and “Retype password” fields do not match, an error message is displayed. If this occurs, enter the password again.

User password

Upon clicking “User password”, the following screen is displayed. This screen is utilized to change the user password used to log in to the system.



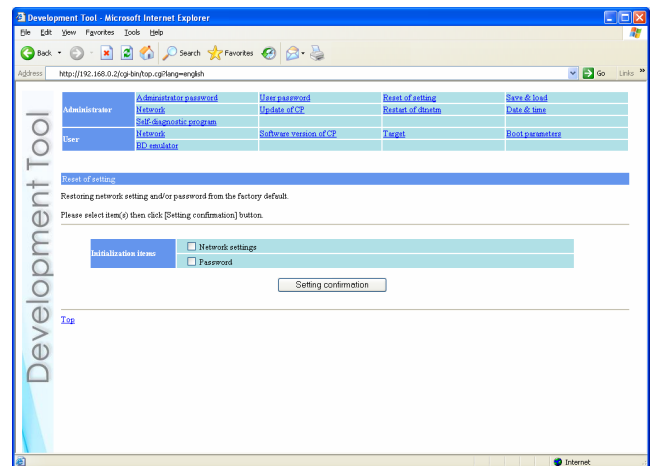
Enter the desired password in the “Password” and “Retype Password” fields. Click “Setting” to complete the configuration.

Caution

- For security purposes, be sure to change the default password.
- The password must be a combination of both letters and numeric characters. Passwords consisting of all lowercase, all uppercase or all numeric characters are not allowed.
- A password may be seven or eight characters long. Passwords fewer than seven characters long are not allowed. Also, if nine or more characters are entered, only the first eight characters are set as the password.
- If an error is made in entering the password, or the values entered into the “Password” and “Retype password” fields do not match, an error message is displayed. If this occurs, enter the password again.

Reset of setting

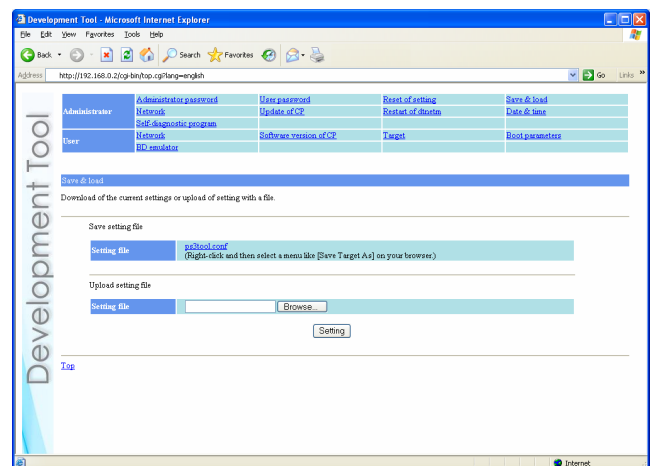
Upon clicking “Reset of setting”, the following screen is displayed. This screen is used to restore the factory default Network & Access control settings and/or administrator password.



Select the setting(s) to be initialized and click “Setting confirmation” to complete initialization.

Save & load

Upon clicking “Save & load”, the following screen is displayed. This screen is used to save the current settings of the unit or to upload settings saved as a file on the host PC to the unit.



To save the current setting of the unit on the host PC:

Right-click on “ps3tool.conf” and then select “Save Target As” or “Save Link As”.

Caution

This procedure may vary depending on the web browser used.
For details, refer to the instructions for the web browser.

To configure the unit using settings saved on the host PC:

1 Check that the IP address defined in the host PC's settings file is the same as that assigned to the unit.

If the IP address defined in the settings file and the unit's IP address are different, use a text editor to change the IP address in the settings file on the host PC to that assigned to the unit.

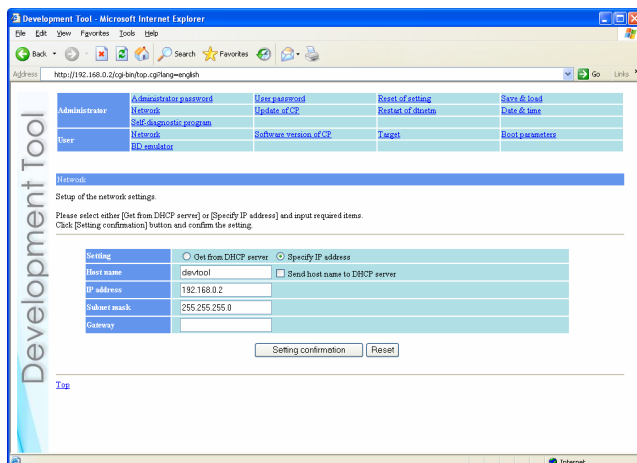
2 Click "Browse" and select the setting file.

3 Click "Setting".

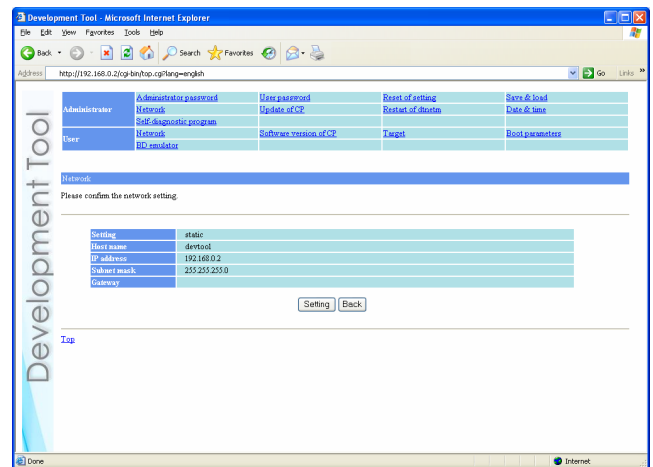
This causes the settings of the unit to be updated.

Network

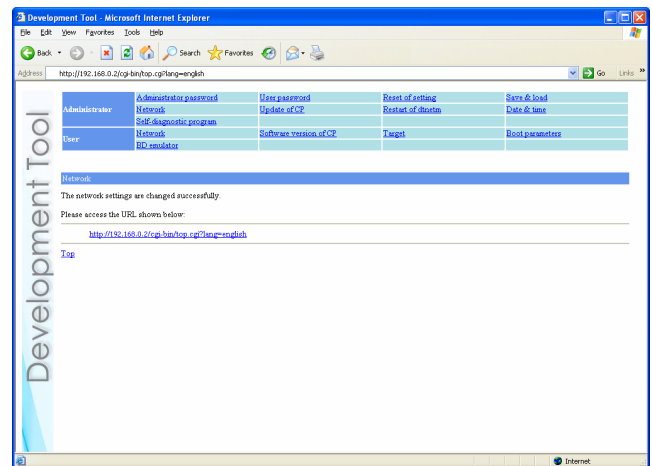
Upon clicking "Network", the following screen is displayed. This screen is used to change the method for obtaining an IP address and to change the values required for network configuration.



If you want to change the network settings, enter the new network settings in the appropriate fields in this screen and then click "Setting confirmation". The following confirmation screen is then displayed.



Click "Setting" to begin processing the settings. After the configuration is set, the following screen is displayed.



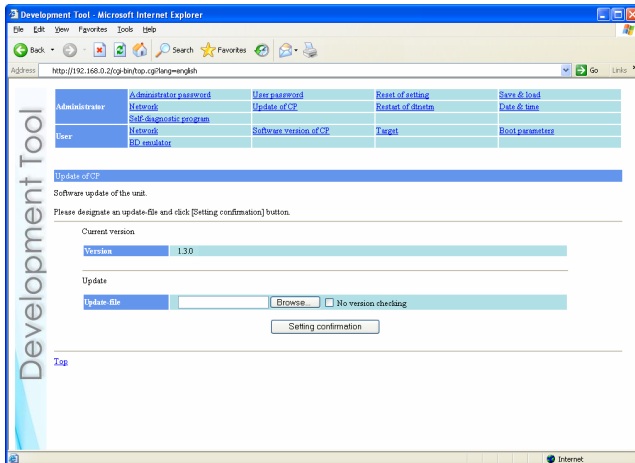
Modify the network connection mode as needed, and access the URL displayed on the screen.

Update of CP

Upon clicking “Update of CP”, the following screen is displayed. This screen is used to update the software required by the communication processors.

1 Place the file for updating in the appropriate directory on the host PC, and click “Update of CP”.

The following screen appears.



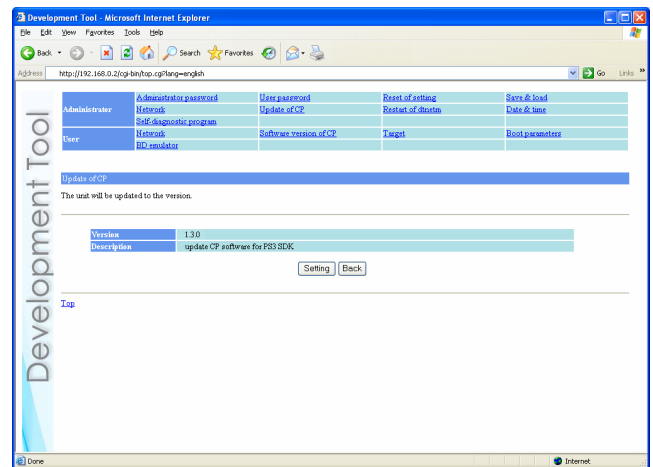
Caution

Upon clicking “Setting confirmation” (see the step below), the version of the file that is already installed and that of the update file are checked to confirm whether the update file is more recent and to confirm the dependency relationships between them.

This check is not performed if “No version checking” is selected. It is recommended that the default setting (“Check versions”) be used.

2 Enter the path to the file, and click “Setting confirmation”.

The following screen is displayed, and the contents of the update file are displayed.



3 Verify the contents of the file, and click “Setting”.

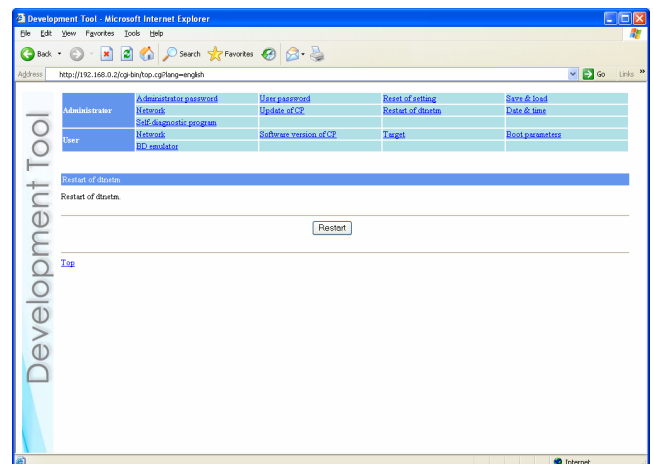
The installation will begin.

If the contents are incorrect, click “Back” to make corrections.

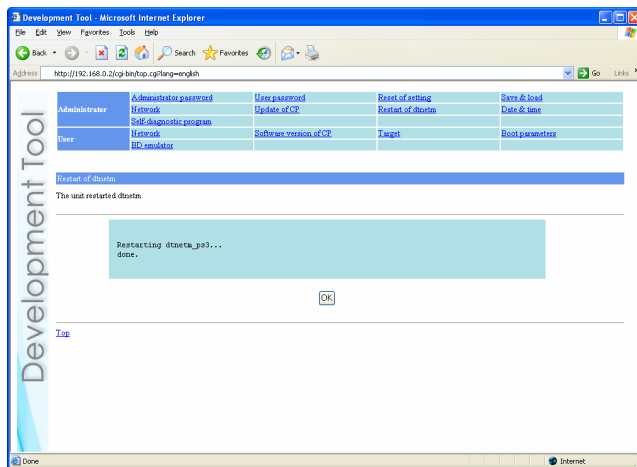
Restart of dtnetm

“dtnetm” is a program used to communicate between the unit and development host PC via the DECI protocol.

Upon clicking “Restart of dtnetm”, the following screen is displayed.

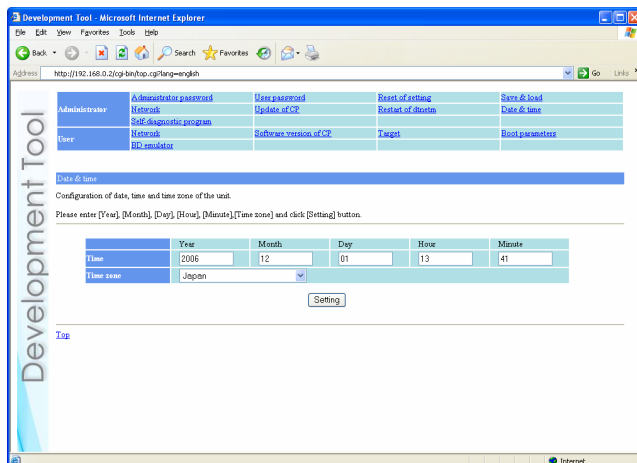


Click “Restart” to restart dtnetm and display the restart status. After completing the restart, the following screen is displayed.



Date & time

Upon clicking “Date & time”, the following screen is displayed. This screen is used to configure the date, time and time zone.



Enter values for the year, month, day and time, and select the time zone. Click “Setting” to complete the configuration.

Self-diagnostic program

Upon clicking [Self-diagnostic program], the following screen is displayed. This screen allows the user to execute the diagnostic test for various targets.

1 Select a target and execute the test.

Select a target for which you want to run the self-diagnostic test. Click [Run] to start the test.

Caution

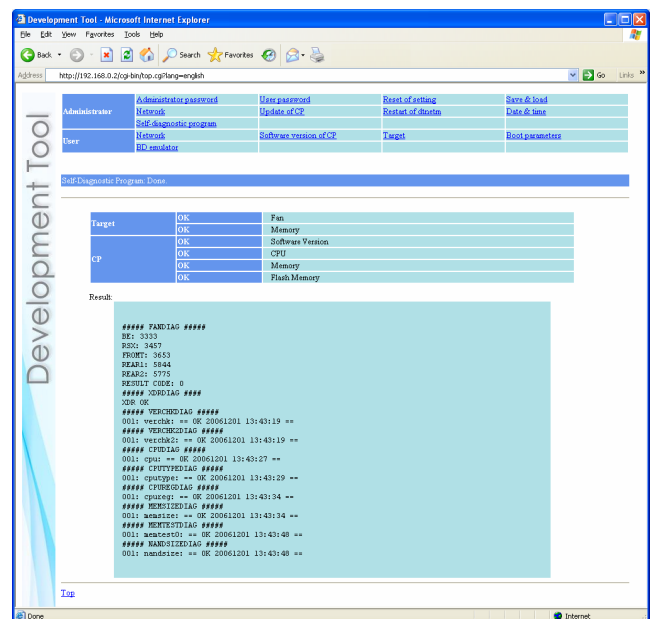
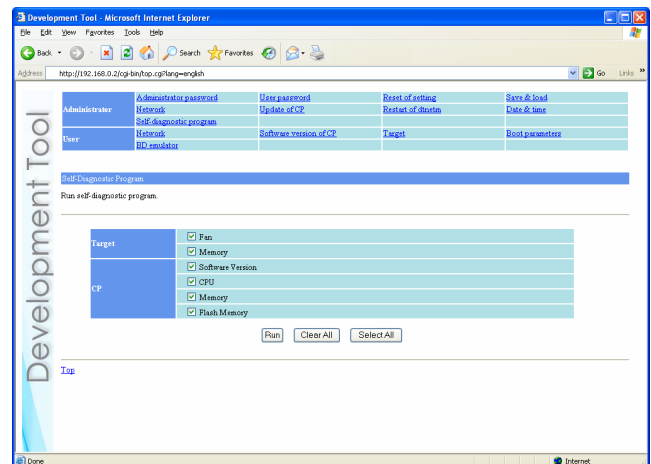
The check items of [Target] for the diagnostic test are restricted for use by the model as shown below:

Test items	Diagnosable Reference Tool model
Fan	DECR-1000 series and DEH-R1040
Memory	DECR-1000 series

* On DEH-R1000 series other than DEH-R1040, the diagnostic test will not run even though those check items are selected.

2 Test result is displayed.

The diagnostic test result is displayed. OK indicates that the test is completed successfully. When NG is returned, there may be a possibility of a failure. In such case, please contact our technical support at <https://ps3.scedev.net/>.

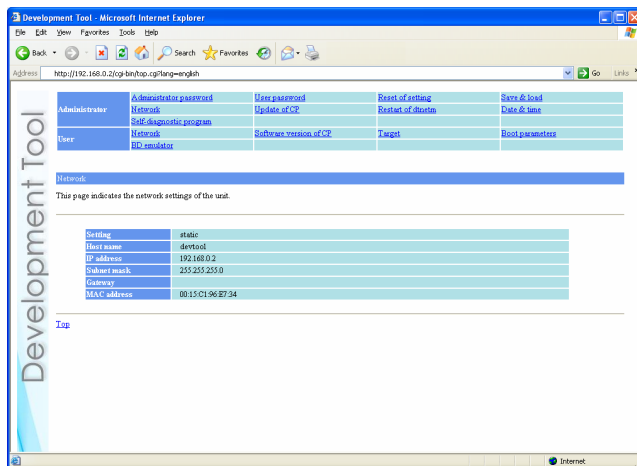


Adjusting various settings – User

Click items to the right of “User” to adjust various setting.

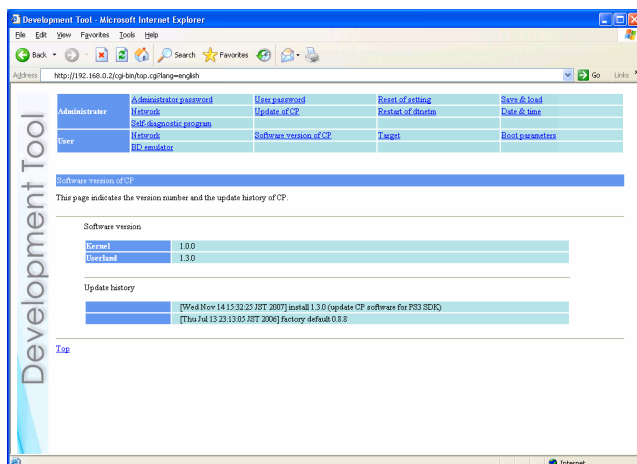
Network

Upon clicking “Network”, the following screen is displayed. This screen allows the user to verify the unit’s network settings.



Software version of CP

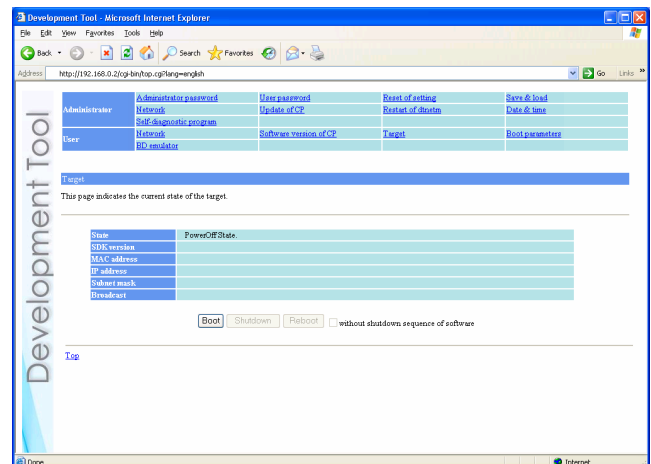
Upon clicking “Software version of CP”, the following screen is displayed. This screen displays the versions of the software packages for the communication processor in stalled on the unit and allows the user to verify the update history of the unit.



Target

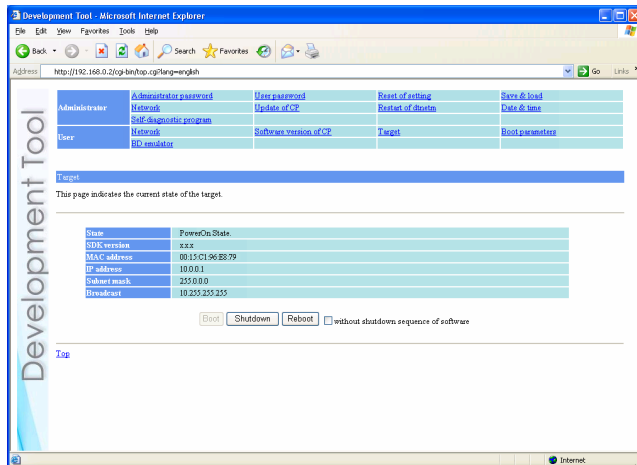
When you click [Target], the operation screen of the target system will be displayed. You can check the operation and the status of the target system.

When the target system is turned OFF, the next screen will be displayed.



When you click [Boot] button, the target system will be booted.

When the target system is ON the next screen will be displayed.



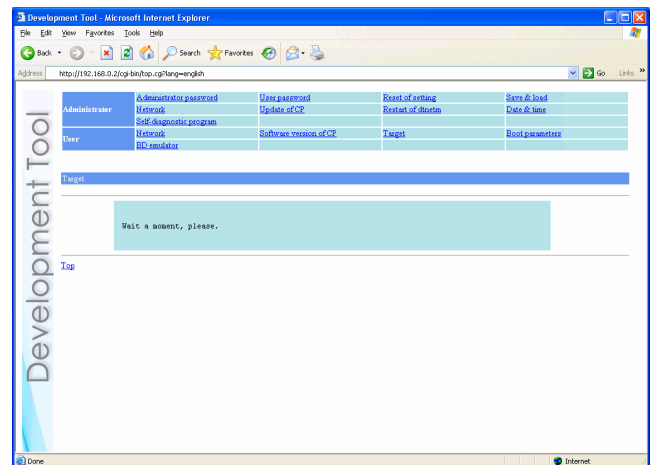
The SDK version that is written into the target system will be displayed in “SDK version”. (x.x.x indicates your SDK version.)

Each set value of “Gigabit Ether Connector” of the target system will be displayed in “MAC address”, “IP address”, “Subnet mask” and “Broadcast columns.”

When you click [Shutdown] or [Reboot] buttons, the target system is shutdown or rebooted. Note that when you check-mark “without shutdown sequence of software”, it is forcibly terminated without terminating the software on the target system.

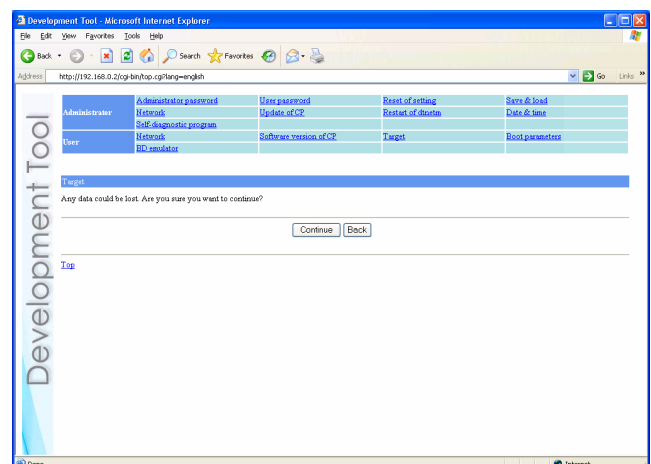
Caution

When you click [Boot], [Shutdown] and [Reboot] buttons to operate the target system, the following screen will be displayed taking about 10 seconds to handle such operation. Do not perform any other operation during this period.



Caution

When you checkmark “without shutdown sequence of software” and forcibly terminate and reboot the target system, the data saved on the target system may be lost. Use this option only when you cannot terminate or reboot the target system correctly. The following confirmation screen will be displayed to avoid mis-operation.

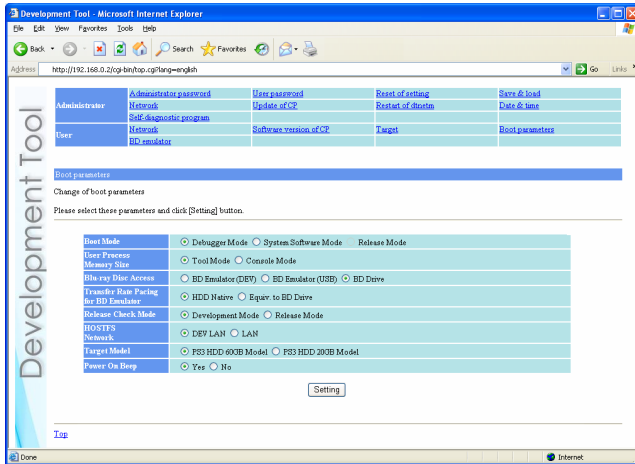


Caution

SDK 210 or later is required to display “IP address”, “Subnet mask” and “Broadcast” columns. They cannot be displayed with a SDK version older than SDK210.

Boot parameters

Upon clicking [Boot parameters], the following screen is displayed. This screen allows the user to check and change the boot parameters.



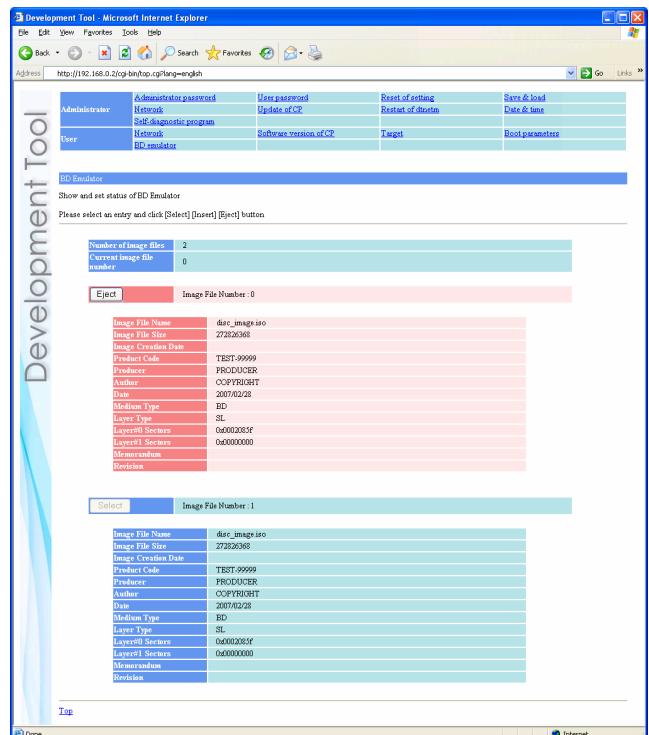
Item	Options	Description
Boot mode	Debugger mode	Execute application programs under the control of the remote debugger by connecting the debugger to the target system. In this mode, the system software's GUI is not shown.
	System software mode	The GUI menu of the system software appears when the target system is started. You can perform various settings for graphics, sound, network, etc. with GUI in this mode. In addition to starting up game discs, you can launch user applications located in the remote file system on the host computer. It is possible, also in this mode, to attach the remote debugger afterwards to a running user application.
	Release mode	This mode is not available with the Reference Tool because it is a boot mode for the Debugging Station.
User process memory size	Tool mode	Reference Tool's standard memory allocation
	Console mode	To limit memory capacity to game-console-equivalent size (for purposes such as test)
Blu-ray Disc access	BD emulator (DEV)	Read data from the BD image file stored on HDD(DEV) that is implemented in the Reference Tool.
	BD emulator (USB)	Read data from the BD image file stored on HDD that is connected to the USB port. (SDK200 or lazter is required.)
	BD drive	Read data from the Blu-ray Disc drive.

Transfer rate pacing for BD emulator	HDD native	Specify whether to enable adjustment of the rate of data transfer from the HDD for BD emulator.
	Equiv. to BD drive	
Release Check Mode	Development mode	A mode used for development. It enables file access to the host PC. (SDK210 or later is required.)
	Release mode	Check the application performance in the same environment as PLAYSTATION®3. (SDK210 or later is required.)
HOSTFS Network	DEV LAN	Perform file access to the host PC via the CP network.
	LAN	Perform file access to the host PC via “Gigabit Ether Connector” of the target system. (SDK210 or later is required.)
Target model	PS3 HDD 60GB Model	Specify the target machine model for software development with the Reference Tool. Software such as device drivers make the Reference Tool behave as if it were the specified target machine model.
	PS3 HDD 20GB Model	
Power On Beep	Yes	Beep sound at the time of boot is enabled.
	No	Beep sound at the time of boot is disabled.

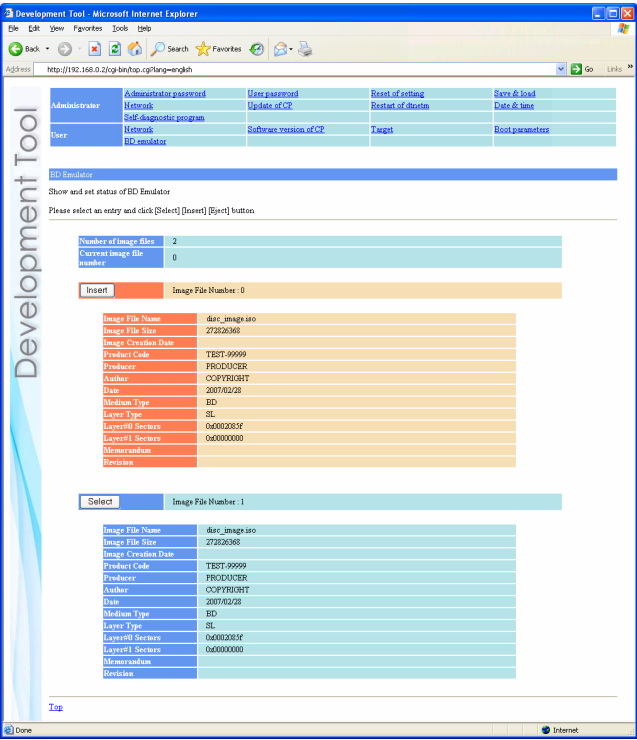
BD Emulator

When you click [BD emulator], the BD Emulator setting screen will be displayed. This shows the list of BD image files saved into the HDD for the BD emulator and which BD image file is used when “BD emulator(HDD)” is selected on [Boot parameters] screen.

When the selected BD image file is inserted, the background color turns into red and [Eject] button will be displayed as shown below:



When the selected BD image file is ejected, the background color turns into orange and [Insert] button will be displayed. Also, [Select] button will be displayed for other BD image files so that you can select a disc image.



Caution

When the target system is SDK181 or older, then ejecting of the BD image file is not supported. In such case, [Insert] and [Eject] buttons will not be displayed. Instead, [Select] button will be displayed for each BD emulator image. Select the BD emulator image you want to use using [Select] button and reboot the target system.

Caution

When the target system is not booted, the status cannot be checked or the setting cannot be changed.

