

CAUTION!

If you have never performed an upgrade on a DD, SD, HD, or XtenDD switcher read through the following instructions. The thumbwheel dip switch settings vary slightly but the process is the same. If you have any hesitation, or are not comfortable after reading these notes, you should hire our on-site Field Service Engineers to perform the upgrade. You can also call Customer Service at 1-800-547-8949, option 2 for help.

SOFTWARE RELEASE FOLDERS, V 4.x.x and above

ACTUAL SOFTWARE VERSION

Device	Actual software version
DD E-Box Host	DS0200.4xx
HD E-Box Host	DS0309.4xx
XtenDD E-Box Host	DS0500.4xx
XtenDD E-Box Host new controller board RY 3490	DS0500.6xx
E-Box RSE	DS0201.4xx
Control Panel / RSE1	DS0202.4xx
Sidepanel	DS0203.4xx
RSAT1 Macros	V325
RSAT2 Macros	V300

SOFTWARE UPDATE INSTALLATION

For details refer to description below or in the README.TXT file in the DS0204 directory of the delivered CD-ROM or your downloaded files. If it is necessary to reinstall an older version of software it can be found on the Sidepanel's hard disk in 'D:\dd35\instVxxx'.

Notes:

In this procedure you will find 'xxx' in an expression, these letters are representing an actual software version number 'IE 4xx'.

We recommend the use of a mouse and a keyboard for the Sidepanel (RPS35-2S panel requires USB types). Before connecting mouse or keyboard switch off the panel!

USB drives on 2S-panels are hot pluggable.

The DS0100 and DS0102 have the network security enabled. It is necessary to log in when using telnet or rlogin. The system prompts: and you must type in the text after the colon:

VxWorks login: "target".

Password: "password" (the password isn't echoed)

Preparation:

Before starting the installation it is a good idea to make a backup copy of your current operating software. Copy the "C:\dd35\bin" folders to a new location. The "Install.bat" program will replace these files from the CD-ROM to the panel hard disk. Use the install file found on the CD-ROM or in the download folder...
(<DS0205CDROM>:\OperatingSoftware\DS0204\Vxxx\install.bat).

Setup without an external CD ROM drive

If no external CD-Drive is available on your Sidepanel PC you can use a networked PC with a CD ROM instead. This networked PC will need to be on the same 192.168.0.xxx LAN and should be set to the "DD35" work group. Share the CD ROM drive on the external PC.

Prepare the Sidepanel PC as TFTP server

1. Close the running TFTP server (-demon), the DD35 "Sidepanel" program, and the "SP Start" program.
2. Start the TFTP-Demon from that directory where the software should be installed from.
IE c:\dd35\bin\ds0146\Vxxx\ds0181\tftpd32.exe
(or you can install from d:\dd35\inst\Vxxx\ds0146\Vxxx\ds0181\tftpd32.exe)
Set the security of the TFTP32-Demon to None
(TFTPD32 Program, see: Settings)
3. Start the Bootpd from that directory where the software should be installed from. IE
c:\dd35\bin\ds0146\Vxxx\ds0180\Bootpd.exe
(or you can install from d:\dd35\inst\Vxxx\ds0146\Vxxx\ds0180\Bootpd.exe)
4. If you are installing new Sidepanel software on a Win95 PC you may need to run the DCom98.exe file first. This can be found in "C:\dd35\bin\ds203\Vxxx\DCom98"

Install MAINFRAME/HOST software on controller board RY2156 & RY3156

1. Prepare the Sidepanel PC as TFTP server if not yet done (see above)
2. Install the new software on the MAINFRAME/HOST
 - Switch off power of the mainframe
 - Pull out the controller board RY2156 (DD35), or RY3156 (XtenDD, SD, and HD)
 - Set DIL switch #3 of T21 (for RY2156 board index <10) or T27 (for RY2156 board index ≥10 or RY3156) to ON.
 - Insert the controller board into the mainframe
 - Note original mainframe network addresses then change to
 - FC on the controller board RY2156 (for board index <10 set T25 to F & T26 to C;
for board index ≥10 set T31 to F & T33 to C)
 - F8 on the controller board RY3156 of HD (T31 to F & T33 to 8)
 - F5 on the controller board RY3156 of XtenDD (T31 to F & T33 to 5)
 - Connect HyperTerminal to the mainframe controller board socket J9 to make the update process visible.
 - Switch on power. The installation process will be started automatically (duration approx. 7 minutes).
 - Wait until the installation process has been finished (the message "---- load script executed ----" appears on the terminal)
 - Switch off power of the mainframe.
 - Pull out the controller board RY2156 (DD35), or RY3156 (XtenDD, SD, and HD).
 - Set DIL switch #3 to OFF.
 - Insert the controller board into the mainframe
 - Set the network address back to the original one.
 - Switch on power to run the new software.

Note: With software release DS0205.211 the DIL switch #4 has no functionality.

Install MAINFRAME/RSE software on controller board RY2156 & RY3156

1. Prepare the Sidepanel PC as TFTP server if not yet done (see above)
2. Install the new software on the MAINFRAME/RSE
 - Switch off power of the mainframe
 - Pull out the controller board RY2156 (DD35), or RY3156 (Seraph HD)
 - Set DIL switch no. 3 of T6 (for RY2156 board index <10) respectively T5 (for RY2156 board index ≥10 or RY3156) to ON.
 - Insert the controller board into the mainframe
 - Note original mainframe network address then change to
 - FC on the controller board RY2156 (for board index <10 set T25 to F and T26 to C; for board index ≥10 set T31 to F & T33 to C)
 - F8 on the controller board RY3156 (T31 to F & T33 to 8)
 - F5 on the controller board RY3156 of XtenDD (T31 to F & T33 to 5)
 - Connect HyperTerminal to the mainframe controller board socket J8 to make the update process visible.
 - Switch on power. The installation process will be started automatically (duration approx. 5 minutes).
 - Wait until the installation process has been finished (the message "---- load script executed ----" appears on the terminal).
 - Switch off power of the mainframe.
 - Pull out the controller board RY2156 (DD35), or RY3156 (XtenDD, SD, and HD).
 - Set DIL switch #3 to OFF.
 - Insert the controller board into the mainframe
 - Set the network address back to the original one.
 - Switch on power to run the new software.

Install MAINFRAME (HOST & RSE) software on controller board RY3490

1. Prepare the Sidepanel PC as TFTP server if not yet done (see above)
2. Install the new software on the MAINFRAME (HOST and RSE)
 - Switch off power of the mainframe
 - Pull out the controller board RY3490 (XtenDD, SD, and HD)
 - Set DIL switch no. 3 of T1 to ON.
 - Insert the controller board into the mainframe
 - Note the original mainframe network addresses, then change to F8 on the controller board RY3490 (set T25 to F & T26 to 8).
 - Connect HyperTerminal to the mainframe controller board socket J15 to make the update process visible.
 - Switch on power. The installation process will be started automatically (duration approx. 7 minutes).
 - Wait until the installation process has been finished (the message "---- load script executed ----" appears on the terminal)
 - Switch off power of the mainframe.
 - Pull out the controller board RY 3490 (XtenDD, SD, and HD).
 - Set DIL switch #3 to OFF.
 - Insert the controller board into the mainframe
 - Set the network address back to the original one.
 - Switch on power to run the new software.

How to install CONTROL PANEL software

1. Prepare the Sidepanel PC as TFTP server if not yet done (see above)
2. Install the new software on the control panel:
 - Connect a terminal to the control panel controller board RY2100/J36 (RY2370/J19) to make the update process visible.
 - Note the original control panel network address then change to FB on the controller board RY2100 (T26 to F & T27 to B), RY2370 (T25 to F & T26 to B).
 - Set DIL switch #3 of T14 on RY2100 to ON (on controller RY2370 DIL switch # 3 of T27 to ON).
 - Push the reset button on the same board and the installation process will be started automatically (duration approx. 5 minutes).
 - If the installation process has been finished (the message "---- load script executed ----" appears on the terminal) the DIL switch no.3 must be set to OFF and the network address must be set back to the original one.
 - Again a reset has to be performed to run the new software.

Note: With software release DS0205.211 the DIL switch #4 has no functionality.

How to install RSE1 controller software

1. Prepare the Sidepanel PC as TFTP server if not yet done (see above)
2. Install the new software on the RSE1 controller:
 - Connect a terminal to the RSE1 controller board RY2100/J26 to make the update process visible.
 - Note the original control panel network address then change to FB on the controller board RY2600 (T30 to F & T29 to B).
 - Set DIL switch #3 of T26 on RY2600 to ON.
 - Push the reset button on the same board and the installation process will be started automatically (duration approx. 5 minutes).
 - If the installation process has been finished (the message "---- load script executed ----" appears on the terminal). Then DIL switch #3 must be set to OFF and the network address must be set back to the original one.
 - Again a reset has to be performed to run the new software.

How to install SIDEPANEL software

1. Close the running TFTP server (-demon), the DD35 Sidepanel program and the SP Start program.
2. Before installing the new Sidepanel software on Win95 PC, the file DCom98.exe must be executed. Open "c:\dd35\bin\ds0203\Vxxx\Dcom98\Dcom98.exe" or "d:\dd35\Instxxx\ds0203\Vxxx\Dcom98\Dcom98.exe"
Follow the instructions of the installation manager and accept the restart at the end.

Note: If an error message appears at the end, accept it and continue. This means that the Dcom98 has been installed once and does not need to be installed twice.

3. Close the running TFTP server (-demon), the DD35 Sidepanel program and the SP Start program, if not yet done.
4. Start the installation of the Sidepanel software by executing the setup.exe. Open "c:\dd35\bin\ds0203\Vxxx\Disk1\setup.exe" or "d:\dd35\Instxxx\ds0203\Vxxx\Disk1\setup.exe"
Follow the instructions of the installation manager and accept the restart at the end.