

Wyse SX0 Linux, XPe, and CE to Wyse Thin OS Conversion Kit Installation Guide

This guide provides information on converting the Wyse Linux, XPe, or CE operating system of your Wyse SX0 thin client to the Wyse Thin Operating System. The software loaded on the thin client will be: Wyse Thin Operating System version 5.3.

The information in this document is intended for the following conversions:

- S30 to S10
- S50 to S10
- S90 to S10

NOTE: You can contact Wyse Customer Support to assist in performing the thin client operating system conversion of your thin client existing operating software to Wyse Thin OS.

What is in the Kit

Included in the kit are the required software images and the Wyse license label that must be attached to each thin client.

System Requirement

Wyse Thin Operating System requires a minimum of 32MB of flash memory.

Required Software

1. Wyse Simple Imager 1.2 (located under Re-imaging Utility at:
[http://www.wyse.com/serviceandsupport/support/dlOraFW.asp?which=57&model=S30\(Window%20CE\)](http://www.wyse.com/serviceandsupport/support/dlOraFW.asp?which=57&model=S30(Window%20CE)))
2. WISard 1S10 Conversion Package (located on the conversion kit CD-ROM)
 - Pull.i2c
 - Pull.i2d
 - Pull.k
 - Push.i2c
 - Push.i2d
 - Push.k
3. WTOS i2d Conversion Image, Version 5.3.0-01.05 (32MB, 64MB, 128MB, and 256MB - located on the conversion kit CD-ROM)
 - S10.i2d
4. WTOS FTP Images (for use with ftp imaging if required - located under Downloads at:
[http://www.wyse.com/serviceandsupport/support/dlOraFW.asp?which=73&model=S10\(Wyse%20Thin%20OS\)](http://www.wyse.com/serviceandsupport/support/dlOraFW.asp?which=73&model=S10(Wyse%20Thin%20OS))).
 - RCA_boot
 - RCA_wnos.vdi

Related Online Resources Available at Wyse

Documentation for Wyse® 1 series thin clients can be found at:
<http://www.wyse.com/manuals>

Wyse thin client features can be found in the Datasheet for your specific thin client model. Datasheets are available on the Wyse Web site at:
<http://www.wyse.com/products>

About the Conversion Process

The conversion process will require a standalone Windows XP Pro PC configured with the Wyse Simple Imager 1.2 (WSI). This document describes the use of WSI to add the S30, S50, and S90 to S10 conversion files and load the firmware to the device to be converted.

Step 1 - Installing Wyse Simple Imager

After downloading the Wyse Simple Imager 1.2, use the installation instructions for this tool (also located in the same directory) to install WSI. Step 2 assumes WSI is correctly installed and configured.

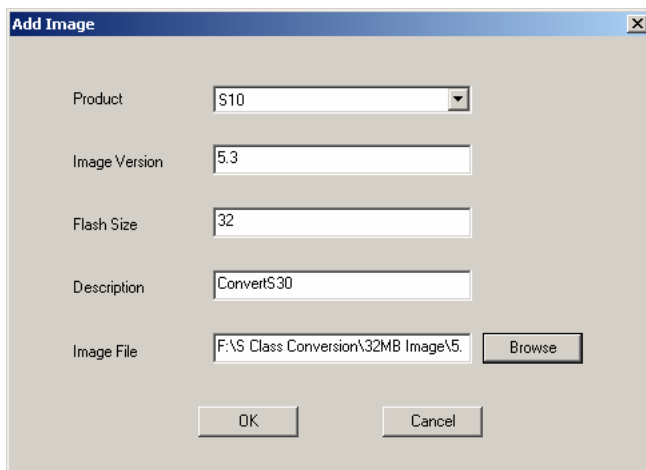
Step 2 – Inserting the S10 Conversion Image

From the WISard Conversion Package folder, copy the 1S10 folder to the WSI installation directory. Typically this is *C:\inetpub\ftproot\Rapport\Tools\sa*.

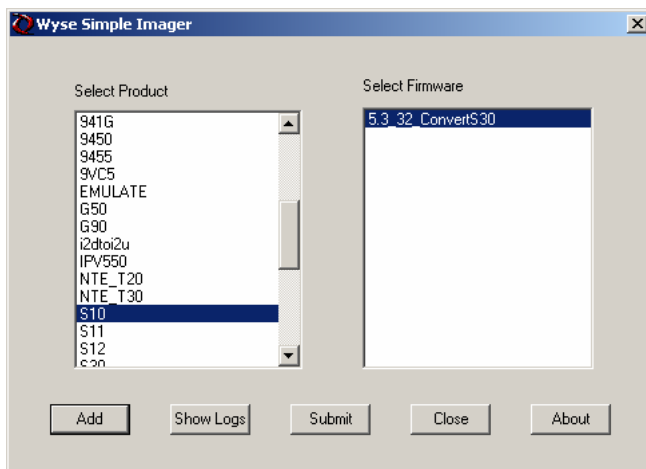
Step 3 - Installing the Conversion Image

For details on using WSI, refer to the WSI documentation. An overview of the required steps is as follows:

1. Copy the S10.i2d file to any directory on the WSI server.
2. Start WSI.
3. Select the S10 product from the *Select Product* menu.
4. Upload the S10.i2d conversion image into WSI using the *Add* command button. Be sure to use 32 for the flash size for the S30, 64 or 128 for the S50, and 256 for the S90.



5. Download the conversion image to the thin client by using the *Select Firmware* menu and *Submit* command button.



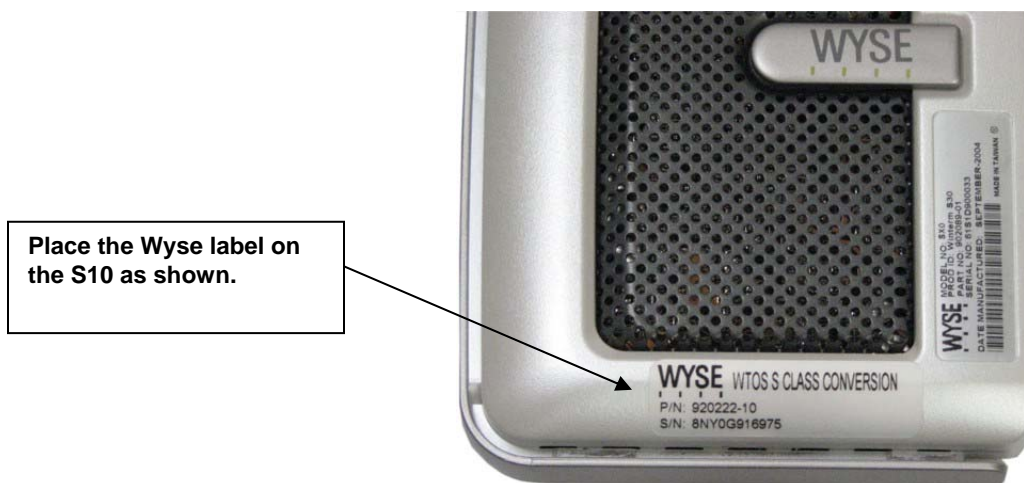
6. Reboot the thin client and execute PXE to complete the image process. If PXE is disabled on the thin client at boot, hold down the *P* key at boot or use the BIOS User Interface to move PXE to the first boot device. This can be done by pressing the *Delete* key while the Wyse BIOS splash scene is displayed. The default password is *Fireport* (if it has not been changed).

Step 4 – Completing the Conversion Process

After loading the conversion image using WSI, the thin client should automatically reboot. If DHCP auto-update options are defined, the thin client will check the RCA directory at boot and auto-update (if required) to the code stored at this location. If DHCP auto-update is not configured in your environment, manual updates can be performed through the thin client user interface. For more information on managing WTOS manually or through DHCP, refer to the WTOS documentation on the Wyse Web site.

Step 5 – Attaching the License Entitlement

The Wyse conversion kit is supplied with a license label that must be attached to each device as shown in the diagram below (sufficient licenses must be purchased for every device to be converted to an S10).



CAUTION: Failure to install the license label may cause delays in service and support. This serial number must be given to the Customer Support Technician to validate entitlement to support and service from Wyse. Failure to do so will result in the original operating system being loaded on the device and is in breach of your license agreement.

Technical Support

To access Wyse technical resources, visit <http://www.wyse.com/serviceandsupport>. If you still have questions, you can submit your questions using the Wyse [Support Help Form](#), or call Customer Support at 1-800-800-WYSE (toll free in U.S. and Canada). Hours of operation are from 6:00 A.M. to 5:00 P.M. EST, Monday through Friday. To access international support, visit <http://www.wyse.com/global>.