



Sentinel SuperPro (Linux) Combo Installer Readme

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This file contains general information about the Combo Installer and its installation.

1.0 What is Combo Installer?

The licensed application that you are using needs a few components to communicate with the SuperPro key. Combo Installer is an integrated installer that installs all these components in one-step on your computer. The components are:

- **Sentinel Parallel Port Driver** Allows communication with the SuperPro parallel keys.
- **USB Daemon** Allows communication with the SuperPro USB keys.
- **SuperPro Server** Manages licensing and security for the application you are using. The server must be run on the system where the SuperPro hardware key is attached.
- **Monitoring Tool** Allows you to view and keep track of the Sentinel SuperPro servers on your subnet. Using it you can analyze the application usage patterns. For example, you could use the Monitoring Tool to determine whether or not you purchased enough licenses based on the license demand.

2.0 How to Use Combo Installer?

2.1 Using the Installation Script

1. Run the script *combo_install.sh* on the computer where you will be attaching your SuperPro key. It will show you the following options for installing the Sentinel UNIX Driver: **1 (Only parallel driver)**, or **2 (Only USB daemon)**, or **3 (Both parallel driver and USB daemon)**.
2. Type the corresponding digit for the component of your choice. We recommend selecting both the parallel driver and USB daemon.
3. Once the Sentinel UNIX Driver installation is complete, the script will install Monitoring Tool and SuperPro server consecutively. The post-installation directory structure will be as follows:

Post-Installation Directory Structure

Path	Description
<code>/opt/RainbowTechnologies/SUD5.50/parallel/mdrbdr.o</code>	The parallel port driver module.
<code>/opt/RainbowTechnologies/SUD5.50/parallel/readme.pdf</code>	Sentinel UNIX Driver version 5.50 readme file.
<code>/opt/RainbowTechnologies/SUD5.50/usb/usbdaemon</code>	The USB daemon binary.
<code>/opt/RainbowTechnologies/SUD5.50/usb/load_daemon.sh</code>	Script for starting, stopping and restarting the USB daemon.
<code>/opt/RainbowTechnologies/SUD5.50/usb/readme.pdf</code>	Sentinel UNIX Driver version 5.50 readme file.
<code>/opt/RainbowTechnologies/Superpro/6.3/Server/loadserv</code>	Program to load the SuperPro server.
<code>/opt/RainbowTechnologies/Superpro/6.3/Server/spnsrvlnx</code>	The SuperPro server binary.
<code>/opt/RainbowTechnologies/Superpro/6.3/MonitoringTool/sspmon</code>	The Monitoring Tool binary.
<code>/opt/RainbowTechnologies/Superpro/6.3/combo_uninstall.sh</code>	Script to uninstall the Combo Installer components.
<code>/opt/RainbowTechnologies/Superpro/6.3/MonitoringTool/readme.pdf</code>	This file.

2.2 Install Using the RPM Commands

- Use the `rpm -i --force --nodeps SUD-ParallelDriver-5.50-0.i386.rpm` command to install the parallel driver.
- Use the `rpm -i --force --nodeps SUD-USBDaemon-5.50-0.i386.rpm` command to install the USB daemon.
- Use the `rpm -i sspmontool-6.3.1-0.i386.rpm` command to install the SuperPro Monitoring Tool.
- Use the `rpm -i sspserver-6.3.1-0.i386.rpm` command to install the SuperPro Server.

3.0 Getting Started

Attach the SuperPro key properly (Parallel or USB) on the computer where you installed the SuperPro components (as described in Section 2.0 earlier). In order to get started, you should first ensure that the SuperPro server and Sentinel UNIX Driver(s) are running. The following commands are helpful:

- The `lsmod` command will show you if the modules required by Sentinel UNIX Driver are loaded.
 - The `mdrbdr.o` is the Sentinel parallel driver module.
 - The `usbcore` and `usb-uhci/usb-ohci` (depending on the hardware specifications) modules are needed by the USB daemon.

- The `sh load_daemon.sh status` command will show the USB daemon status—whether running or stopped.
- The `sh loadserv status` command will show the status of the SuperPro server.

Tip! Please also refer to the `readme.pdf` files included for Sentinel UNIX Driver and Monitoring Tool. These contain instructions, tips and additional information on using them effectively!

4.0 Uninstallation

4.1 Using the Uninstallation Script

To uninstall , run the `combo_uninstall.sh` script and follow the instructions shown.

4.2 Using the RPM Commands

- Use the `rpm -e SUD-ParallelDriver` command to uninstall the parallel port driver.
- Use the `rpm -e SUD-USBDaemon` command to uninstall the USB daemon.
- Use the `rpm -e sspmontool` command to uninstall the SuperPro Monitoring Tool.
- Use the `rpm -e sspserver` command to uninstall the SuperPro Server.

5.0 Getting Help

If you have questions, need additional assistance, or encounter a problem, please contact your software vendor.

[Readme, February 2003, V. SSP 6.3]