

SwitchView IP Remote Access Device  
Version 1.0.5.6 Firmware  
Release Notes  
November 18, 2004

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This document outlines:

1. SwitchView IP Remote Access Device firmware version
  2. How to upgrade
  3. Enhancements/Bug Fixes/Known Issues
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SwitchView IP Remote Access Device firmware information

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This release contains the following versions:

Application Code    1.0.5.6

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SwitchView IP Remote Access Device firmware compatibility

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This release is compatible with the following firmware:

version 1.0.4.10,version 1.0.5.1,version 1.0.5.3,version 1.0.5.4

This release is compatible with the following hardware:

All SVIP1010 hardware versions.

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How to upgrade the SwitchView IP Remote Access Device

**NOTE:**

For upgrade instructions, please follow the steps below or see the instructions in the SwitchView IP user manual in section Maintaining the Environment, Updating the SwitchView IP firmware.

1. Download the SwitchView IP firmware image and the Update program from the Avocent support website.
2. Verify that a SwitchView IP Remote Access Device session is not active and launch the update program.
3. Drag the new firmware image icon and drop it on the UPDATE.EXE icon.
4. In the Flash Update Program dialog box, type the IP address of the SwitchView IP Remote Access Device to be updated.
5. From the "Name of Update File" text box, browse for the new firmware image file and select it.
6. Type the administrative username and password and click Start.
7. When the update process is complete, click Close.

**NOTE: DO NOT CYCLE POWER ON THE SWITCHVIEW IP REMOTE ACCESS DEVICE DURING THE UPDATE PROCESS.**

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## ENHANCEMENTS

This release of SwitchView IP firmware contains the following enhancements:

1. Not Applicable

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## FIXES

This release of SwitchView IP firmware contains the following fixes:

1. The SwitchView IP Web page would lock up after a few days of unwanted intermittent internet traffic attempting to bombard network IP addresses. The unit would respond to ping but would not connect in the IE browser until a reboot occurred. Authorized users required reboot of the SwitchView IP to access the Web page. Improvements in the LAN driver prevented this lockup.
2. High and moderate internet vulnerabilities identified during ISS internet scans. An improved version of the LAN driver prevents the server to crash, which would deny any further attempts to modify system settings until the SwitchView IP Remote Access Device was restarted. The fix prevented a memory loss caused by attackers attempting access and no longer requires a restart.

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## KNOWN ISSUES

This release of SwitchView IP firmwar contains the following known issues:

1. Windows XP Service Pack 2 is blocking the launch of the viewer when in default (enabled) mode. Windows XP Service pack 2's pop up blocker is detecting the SwitchView IP Remote Access Device VPS Client as a pop-up and preventing the viewer from opening when it is enabled. The work around for this is to either turn off the pop-up blocker (bad) or excluding the IP address of the remote host in the pop up blocker. If a customer is using DHCP this would require him to exclude many assigned addresses which he shouldn't have to do.
2. With a 10baseT internet connection a "FIFO underrun: increasing Tx drain threshold to ... " message occurs on debug console. This affects user performance on 10baseT connections.
3. The keyboard locks up with OutLook 180ES when toggling caps lock or in and out of OSCAR® screen. The local and remote keyboard will lock up eventually when toggling the caps lock key or when going in and out of the OSCAR screen using print screen key.
4. In the viewer, the USB and PS2 mouse does not have synchronization during post and during Windows login prompt.