OV3600 8.2.14.1
Supported Infrastructure Devices

OmniVista 3600 Air Manager provides a range of features to manage network infrastructure devices from Alcatel-Lucent and other vendors. This document describes the supported product families, software versions, and feature set for the following product sets:

Alcatel-Lucent Devices

This release of OV3600 supports management of global configuration profiles or settings, monitoring, and software upgrades on the Alcatel-Lucent devices and software described in the following sections.

Alcatel-Lucent AOS-W

OV3600 supports all Alcatel-Lucent switches and most access points (APs) that are running the following Alcatel-Lucent AOS-W versions:

- 6.4.4.0
- 6.5.0.0, 6.5.1.0, 6.5.2.0, 6.5.3.0, 6.5.4.0, 6.5.4.18, and 6.5.4.20
- 8.0.0.0 and 8.0.1.0
- 8.1.0.x
- 8.2.0.x and 8.2.1.x
- 8.3.0.x
- 8.4.0.x
- 8.5.0.x
- 8.6.0.x
- 8.7.0.x
- 8.7.1.x
- 8.8.0.x
- 8.9.0.x
- 8.10.0.x

OV3600 also supports Alcatel-Lucent unified APs, which are APs factory-installed with Alcatel-Lucent AOS-W 6.5.2.0 or a later. A unified AP can be configured to operate as either a campus AP or a remote AP when that device is first provisioned. For more information on unified APs, refer to the *Alcatel-Lucent AOS-W 6.5.2.0 Release Notes*.

FIPS Support

Alcatel-Lucent AOS-W 6.x supports FIPS for Alcatel-Lucent switches, OAW-4000/4650/4750 Series Series, OAW-4550/4650/4750 Series, and 7280 models for Alcatel-Lucent AOS-W version 6.5.4.20-FIPS_80110.

Alcatel-Lucent AOS-W 8.x supports FIPS for Alcatel-Lucent switches, OAW-4000/4650/4750 Series Series, OAW-4550/4650/4750 Series, 7280, and 9000 Series models for below Alcatel-Lucent AOS-W versions.

- 8.5.0.13-FIPS_80141
- 8.6.0.9-FIPS_79814
- 8.7.1.4-FIPS_80407
- 8.8.0.1-FIPS_80394

For the complete list of products that have reached the end of life milestone and are not supported, refer to https://businessportal2.alcatel-lucent.com

Table 1 lists the supported devices and the tested AOS-W firmware versions.

Table 1: *Supported Alcatel-Lucent AOS-W Devices*

Device	Validated Up To
OAW-AP534, OAW-AP535	8.8.0.0
OAW-AP515	8.7.0.0
OAW-AP374, OAW-AP375, and OAW-AP377	6.5.4.16, 8.8.0.0
OAW-AP365 and OAW-AP367	6.5.4.16, 8.8.0.0
OAW-AP344 and OAW-AP345 with Dual 5-GHz Mode	8.8.0.0
OAW-AP334 and OAW-AP335	6.5.4.16, 8.8.0.0
OAW-AP324 and OAW-AP325	6.5.4.16, 8.8.0.0
OAW-AP318	8.8.0.0
OAW-AP314 and OAW-AP315	6.5.4.16, 8.8.0.0
OAW-AP304 and OAW-AP305	6.5.4.16, 8.7.0.0
OAW-AP303	8.8.0.0
OAW-AP303H	6.5.4.16, 8.8.0.0
OAW-AP277	6.5.4.16, 8.7.0.0
OAW-AP274 and OAW-AP275	6.5.4.16, 8.7.0.0
OAW-AP228	6.5.4.16, 8.7.0.0
OAW-AP224 and OAW-AP225	6.5.4.16, 8.7.0.0
OAW-AP214 and OAW-AP215	6.5.4.16, 8.7.0.0
OAW-AP207	6.5.4.16, 8.7.0.0

Device	Validated Up To
OAW-AP205H	6.5.4.16, 8.7.0.0
OAW-AP204 and OAW-AP205	6.5.4.16, 8.7.0.0
OAW-AP203H	6.5.4.16, 8.8.0.0
OAW-AP203R and OAW-203RP	6.5.4.16, 8.8.0.0
OAW-AP175	6.5.4.16, 8.6.0.0
OAW-AP134 and OAW-AP135	6.5.4.16, 8.6.0.0
OAW-AP124 and OAW-AP125	6.5.4.16, 6.4.0.0
OAW-AP114 and OAW-AP115	6.5.4.16, 8.6.0.0
OAW-AP104 and OAW-AP105	6.5.4.16, 8.6.0.0
OAW-AP103	6.5.4.16, 8.6.0.0
OAW-AP103H	6.5.4.16, 8.3.0.0
OAW-AP92 and OAW-AP93	6.5.4.16, 8.2.0.0
OAW-AP93H	6.5.4.16, 8.2.0.0
OAW-AP68	6.5.4.16, 8.7.0.0
OAW-AP120	6.5.4.16, 8.6.0.0
OAW-AP121	6.5.4.16, 8.6.0.0
OAW-AP40 and OAW-AP41	6.5.4.16, 8.6.0.0
OAW-AP4306INT	6.5.4.16, 8.6.0.0
OAW-AP60	6.5.4.16, 8.6.0.0
OAW-AP61	6.5.4.16, 8.6.0.0
OAW-AP65	6.5.4.16, 8.6.0.0
OAW-AP68P	6.5.4.16, 8.6.0.0
OAW-AP70	6.5.4.16, 8.6.0.0
OAW-AP80M	6.5.4.16, 8.6.0.0
OAW-AP80S	6.5.4.16, 8.6.0.0
OAW-AP85	6.5.4.16, 8.6.0.0
OAW-4008	6.5.4.16, 8.7.0.0
OAW-4104	6.5.4.16, 8.7.0.0

Device	Validated Up To
OAW-4302, OAW-4304, OAW-4306G, OAW-4306GW, OAW-4306, OAW-4308, OAW-4324	6.5.4.16, 8.7.0.0
OAW-4450	6.5.4.16, 8.7.0.0
OAW-4750XM	6.5.4.16, 8.7.0.0
OAW-4850	6.5.4.16, 8.7.0.0
OAW-5000	6.5.4.16, 8.7.0.0
OAW-6000	6.5.4.16, 8.7.0.0
OAW-MM-HW-10K	8.6.0.0
OAW-MM-HW-5K	8.6.0.0
OAW-MM-HW-1K	8.6.0.0
OAW-MC-VA	8.6.0.0
OAW-MM-VA	8.6.0.0
OAW-4504/4604/4704 Series switch	6.4.4.22
OAW-4005 switch	6.5.4.16, 8.7.0.0
OAW-4010 switch	6.5.4.16, 8.7.0.0
OAW-4024 switch	6.5.4.16, 8.7.0.0
OAW-4030 switch	6.5.4.16, 8.7.0.0
OAW-4550/4650/4750 Series switch	6.5.4.16, 8.7.0.0

The End-Of-Life devices and Alcatel-Lucent AOS-W versions listed on the EOL page https://businessportal2.alcatel-lucent.com are not tested or supported by OV3600. Alcatel-Lucent recommends deploying the devices only with the supported platforms and Alcatel-Lucent AOS-W versions.

Alcatel-Lucent Instant

Table 2 lists the Instant firmware versions and functions supported by OV3600. OV3600 also supports the Alcatel-Lucent RAP-100 Series and RAP-3 Series remote access points.

Table 2: *Supported Alcatel-Lucent Instant Firmware Versions and Functions*

Instant Version	Support for	
	Template Config	Instant GUI Config
Instant 8.10.0.0	OV3600 8.2.14.1	OV3600 8.2.14.1

Instant Version	Support for	
	Template Config	Instant GUI Config
Instant 8.9.0.0	OV3600 8.2.14.0	OV3600 8.2.14.0
Instant 8.9.0.0	OV3600 8.2.13.1	OV3600 8.2.13.1
Instant 8.8.0.0	OV3600 8.2.13.0	OV3600 8.2.13.0
Instant 8.8.0.0	OV3600 8.2.12.1	OV3600 8.2.12.1
Instant 8.7.1.0	OV3600 8.2.12.0	OV3600 8.2.12.0
Instant 8.7.0.0	OV3600 8.2.11.2	OV3600 8.2.11.2
Instant 8.7.0.0	OV3600 8.2.11.1	OV3600 8.2.11.1
Instant 8.6.0.4	OV3600 8.2.11.0	OV3600 8.2.11.0
Instant 8.6.0.0	OV3600 8.2.10.1	OV3600 8.2.10.1
Instant 8.5.0.2	OV3600 8.2.10.0	OV3600 8.2.10.0
Instant 8.5.0.0	OV3600 8.2.9.1	OV3600 8.2.9.1
Instant 8.5.0.0	OV3600 8.2.9.0	OV3600 8.2.9.0
Instant 8.4.0.1	OV3600 8.2.8.2	OV3600 8.2.8.2
Instant 8.4.0.0	OV3600 8.2.8.1	OV3600 8.2.8.1
Instant 8.3.0.0	OV3600 8.2.7.1	OV3600 8.2.7.1
Instant 8.3.0.0	OV3600 8.2.6.1	OV3600 8.2.6.1
Instant 6.5.4.0	OV3600 8.2.5.1	OV3600 8.2.5.1
Instant 6.5.4.0	OV3600 8.2.5.0	OV3600 8.2.5.0
Instant 6.5.3.0	OV3600 8.2.4.1	OV3600 8.2.4.1
Instant 6.5.2.0	OV3600 8.2.4.0	OV3600 8.2.4.0
Instant 4.3.1.0	OV3600 8.2.3.1	OV3600 8.2.3.1
Instant 4.3.0.0	OV3600 8.2.3.0	OV3600 8.2.3.0
Instant 4.2.4.0	OV3600 8.2.1.0	OV3600 8.2.2.0
Instant 4.2.3.0	OV3600 8.2.0.0	OV3600 8.2.2.0

- Starting with 6.4.3.x-4.2, Instant software does not support OAW-IAP92 and OAW-IAP93.
- Management of FIPS enabled OAW-IAP is not supported on both non-FIPS & FIPS-enabled OV3600 servers.

Aruba Switches

OV3600 supports monitoring, template configuration, and firmware changes on the Aruba switches listed in Table 3. On these switches, you can set up device-specific triggers and alerts and designate them as trap receivers. If you want to see the SNMP traps, go to the **System > Syslog & Traps** page.

In addition, you can push a complete configuration profile using templates to Aruba switches that have a factory-default configuration, or you can send configuration jobs using switch CLI commands and snippets to switches in a device group.

In VisualRF, these Alcatel-Lucent switches appear in the VisualRF product catalog. However, their utilization values will be 0 because OV3600 does not get utilization values for these devices.

Table 3: *Supported Aruba Switches*

Device	Monitoring	Configuration	Firmware Upgrade	Validated Up To
Aruba 2530YA Switch Series	Yes	Yes	Yes	YA.16.11.0003
Aruba 2530YB Switch Series	Yes	Yes	Yes	YB.16.11.0003
Aruba 2540 Switch Series	Yes	Yes	Yes	YC.16.11.0003
Aruba 2620 Switch Series	Yes	Yes	Yes	RA.16.11.0003
Aruba 2920 Switch Series	Yes	Yes	Yes	WB.16.11.0003
Aruba 2930F Switch Series	Yes	Yes	Yes	WC.16.11.0003
Aruba 2930M Switch Series	Yes	Yes	Yes	WC.16.11.0003
Aruba 3800 Switch Series	Yes	Yes	Yes	KA.16.11.0003
Aruba 3810 Switch Series	Yes	Yes	Yes	KB.16.11.0003
Aruba 5400R zl2 Switch Series	Yes	Yes	Yes	KB.16.11.0003
ArubaOS-CX 4100 Switch Series	Yes	No	No	RL.10.09.1000
ArubaOS-CX 6000 Switch Series	Yes	No	No	PL.10.09.1000
ArubaOS-CX 6100 Switch Series	Yes	No	No	PL.10.09.1000
ArubaOS-CX 6200 Switch Series	Yes	No	No	ML.10.09.1000

Device	Monitoring	Configuration	Firmware Upgrade	Validated Up To
ArubaOS-CX 6300 Switch Series	Yes	No	No	FL.10.09.1000
ArubaOS-CX 6300M Switch Series	Yes	No	No	FL.10.09.1000
ArubaOS-CX 6400 Switch Series	Yes	No	No	FL.10.09.1000
ArubaOS-CX 8320 Switch Series	Yes	No	No	TL.10.09.1000
ArubaOS-CX 8325 Switch Series	Yes	No	No	GL.10.09.1000
Aruba OS-CX 8360 Switch Series	Yes	No	No	LL.10.09.1000
Aruba OS-CX 8400 Switch Series	Yes	No	No	XL.10.09.1000
Aruba OS-CX 10000 Switch Series	Yes	No	No	DL.10.09.1000

Aruba Mobility Conductor Appliances

OV3600 supports the following devices running ArubaOS 8.0.0.0 and later:

- Mobility Conductor Hardware Appliance MM-HW-1K, MM-HW-5K, and MM-HW-10K
- Mobility Conductor Virtual Appliance MM-VA

Aruba Mobility Access Switches

OmniVista 3600 Air Manager supports profile configuration, monitoring, and software upgrades on the Aruba Mobility Access Switches. In addition to the port statistics supported for most Ethernet switches with the supported firmware described below, OV3600 also tracks the activity of authenticated wired clients on Aruba switches.

Table 4: *Supported Aruba Mobility Access Switches*

Device	Validated up to
S1500	7.4.0.0
S2500	7.4.0.0
S3500	7.4.0.0

Aruba AirMesh

Aruba AirMesh outdoor products running MeshOS 4.2 are supported for monitoring and software upgrades.

Table 5: *Supported Aruba MeshOS Devices*

Device	Validated up to
MSR1200	MeshOS 4.2
MSR2000	MeshOS 4.2
MSR4000	MeshOS 4.2
MST200	MeshOS 4.2

Other Third-Party Vendor Devices

OV3600 supports the following monitoring features for other third party devices:

- User monitoring data such as connection time, user name, SSID, and bandwidth
- Network monitoring data, including real-time and historical bandwidth and user count metrics
- Rogue detection and classification using OV3600customizable rules
- VisualRF heatmaps and user/rogue location
- Reports
- Triggers and alerts

In some cases, you can do basic configuration and firmware upgrades, as well as discover third-party controller and APs.

Cisco® Devices

OV3600 supports Cisco devices that are running the latest verified firmware versions and have not reached the end of life milestone. Informal testing shows that OV3600 supports devices running more recent versions of firmware, but full support for these later versions is not validated.

Cisco Autonomous Access Points

OV3600 provides monitoring, management, and software upgrade support for the devices listed in Table 6.

Table 6: *Supported Cisco Autonomous Access Points*

Model	Validated up to
350 Series Access Points	IOS 12.3(11)JA and IOS 12.4(21a)JA1
702 Series Access Points	IOS: 15.3(3)JD
801 Series Integrated Access Points	IOS 12.4(25d)JA2 and IOS 15.(22)JB
819 Series Integrated Service Routers	IOS 15.6.3M5
860 Series Access Points	IOS 12.4(15)XZ, 12.4(20)T
881 Series Access Points	IOS 12.4(21a)JA1
881W Series Access Points	IOS 12.4(21a)JA1 and IOS 15.0(1)M7
881GW Series Access Points	IOS 12.4(21a)JA1 and IOS 15.1(4)M3
891 Series Access Points	IOS 12.4(21a)JA1 and IOS 15.0(1)M7
1040 Series Access Points	IOS 12.4(21a)JA1
1100 Series Access Points	IOS 12.4(21a)JA1
1110 Series Access Points	IOS 12.4(21a)JA1 and IOS 12.3(11)JA
1130 Series Access Points	IOS 12.4(21a)JA1
1140 Series Access Points	IOS 12.4(21a)JA1 and IOS 12.3(11)JA

Model	Validated up to
1200 Series Access Points	IOS 12.4(21a)JA1 and IOS 12.3(11)JA
1210 Series Access Points	IOS 12.4(21a)JA1
1230 Series Access Points	IOS 12.4(21a)JA1
1240 Series Access Points	IOS 12.4(21a)JA1
1250 Series Access Points	IOS 12.4(21a)JA1
1260 Series Access Points	IOS 12.4(21a)JA1
1300/1400 Series Bridges	IOS 12.4(21a)JA1
1700 Series Access Points	IOS 10.2.111.0 (IOS: 15.3(3)JN3)
1941W Series Access Points	IOS 15.2(3)T
2700 Series Access Points	IOS 10.2.111.0 (IOS: 15.3(3)JN3)

Cisco Wireless Controllers and Access Points

OV3600 supports monitoring, RAPIDS, device discovery, and VisualRF for these devices, as well as configuration, firmware identification, AMP upgrade, and client monitoring-diagnostics for wireless controllers.

Table 7 lists the Cisco wireless controllers and access point platforms that are supported in this release.

Table 7: *Supported Cisco Wireless Controllers and Access Points*

Model	Validated up to
1040 Series Access Points	8.3.102.0
1130 Series Access Points	7.6.110.0 (Bootloader: 7.0.116.0)
1140 Series Access Points	8.3.102.0
1200 Series Access Points	8.3.102.0
1550 Series Access Points	8.3.102.0

Model	Validated up to
1600 Series Access Points	8.3.102.0
1700 Series Access Points	8.3.102.0
1800 Series Access Points	8.3.102.0
2600 Series Access Points	8.3.102.0
2700 Series Access Points	8.3.102.0
2802 Series Access Points	8.5.110.0
3500 Series Access Points	8.3.102.0
3600 Series Access Points	8.3.102.0
3700 Series Access Points	8.3.102.0
3800 Series Access Points	8.3.102.0
2100 Series Wireless Controllers	7.0.235.0 (Bootloader: 7.0.235.0)
2500 Series Wireless Controllers	8.3.102.0
4400 Series Wireless Controllers	7.0.235.0 (Bootloader: 7.0.235.0)
Aironet 4800 Series Bridges (pre-VxWorks, monitoring only)	8.65_2
5508 Wireless Controllers	8.5.110.0
5520 Wireless Controllers	8.1.131.0
5760 Wireless Controllers	3.2.0

Model	Validated up to
Flex 7500 Controllers	8.3.102.0
8510 Controllers	8.5.110.0
3504 Wireless switches	8.10.130.0 (Bootloader: 8.5.103.0)
Catalyst 9800-40 Series	16.12.4a
Cisco Catalyst 9800-80	Limited testing done with simulator.
Cisco Catalyst 9800-CL Wireless Controller for Private Cloud	Limited testing done with simulator.
Cisco Catalyst 9800-L-C	Limited testing done with simulator.
Cisco Catalyst 9120 AXI	8.10.151.0
Cisco Catalyst 9120 AXE	8.10.151.0
Cisco Catalyst 9130 AXI	Limited testing done with simulator.
Cisco Catalyst 9130 AXE	Limited testing done with simulator.

Cisco Mobility Services Engine and 500 Series Access Points are not supported.

Cisco Switches

OV3600 supports automated discovery through SNMP, model and firmware version identification, and displays CDP neighbor information and extended port error statistics for the Cisco switches listed in Table 8.

Table 8: *Supported Cisco Switches*

Model	Validated up to
C9800-L-F-K9	16.12.3
Catalyst 9400 Series Swtiches	16.06.03
Catalyst 2900 Series Switches (monitoring only)	15.0(2)SE11
Catalyst 3650 Series Switches	03.06.06E

Model	Validated up to
Catalyst 3750 Series Switches	12.2(55)SE11
Catalyst 3850 Series Switches	03.06.06E
Industrial Ethernet 4000 Series Switches	15.2(4)EA5

OV3600 doesn't update the upstream device information for access points connected to Cisco switches when Cisco switches are polled when using SNMPv3. Cisco has restricted access to the BRIDGE-MIB when using SNMPv3. When you access a Cisco switch using SNMPv3, APs connected to that switch may not be able to show upstream device info. As a workaround to this issue, add SNMPv3 bridge commands to the Cisco switches in order to expose VLAN values for the MIB polled by UDT. If there are devices on a switch, add the following command for each VLAN-#:

```
snmp-server group <GroupName> v3 priv context
```

You may need to append views to the command, as follows:

```
snmp-server group <GroupName> v3 priv context <VLAN-#> read <ViewName>
```

Use the **match prefix** parameter to all existing VLANs:

- `snmp-server group <GroupName> v3 priv context vlan- match prefix`
- `snmp-server group <GroupName> v3 priv context vlan- match prefix access`

Hewlett Packard Enterprise Devices

The firmware versions for the HPE devices listed in Table 9 represent the latest firmware version verified as fully supported by OmniVista 3600 Air Manager 8.2.14.1. You can select these supported devices in the VisualRF product catalog when you configure device-specific triggers and alerts. You can set up these devices as trap receivers and view the SNMP traps on the **System > Syslog & Traps** page.

- OV3600 does not support MSM APs running in autonomous mode.
- Informal testing shows that OV3600 supports some devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

For more information on configuring and managing and HPE switches via OV3600, refer to the *OV3600 Switch Configuration Guide*.

Table 9: *HPE Device Support*

Model	Firmware Validated Up To
MSM310 and MSM310R	6.5.1.0
MSM313 and MSM313R	6.5.10
MSM317	6.5.1.0
MSM318	6.5.1.0

Model	Firmware Validated Up To
MSM320 and MSM320R	6.5.1.0
MSM323 and MSM323R	6.5.1.0
MSM325	6.5.1.0
MSM335	6.5.1.0
MSM410	6.5.1.0
MSM417*	6.5.1.0
MSM422	6.5.1.0
MSM425*	6.5.1.0
MSM430	6.5.1.0
MSM460	6.5.1.0
MSM466 and 466R	6.5.1.0
MSM525*	6.5.1.0
MSM527*	6.5.1.0
MSM560*	6.5.1.0
MSM710 Controller	6.5.1.0
MSM720 Controller	6.5.1.0
MSM730 Controller	6.5.1.0
MSM750 Controller	6.5.1.0
MSM760 Controller	6.5.1.0
MSM765 Controller	6.5.1.0
ProCurve 420	2.0.38 - 2.2.5
ProCurve 530	WA.01.16-WA.02.19
ProCurve 2626-PWR	H.10.35 (ROM H.08.02)
830 Unified Wired-WLAN Switch*	5.20.109 (Release 2607P39)
850 Unified Wired-WLAN Switch*	5.20.109 (Release 2607P39)
870 Unified Wired-WLAN Switch*	5.20.109 (Release 2607P39)
HPE WESM controllers & APs xl	WS.01.05 – WS.02.19
HPE WESM controllers & APs zl	WT.01.03 – WT.01.28

Model	Firmware Validated Up To
HPE 1405 Switch Series	**
HPE 1420 Switch Series	**
HPE 1620 Switch Series	**
HPE 1820 Switch Series	**
HPE 1850 Switch Series	**
HPE 1910 Switch Series	**
HPE 1920 Switch Series	**
HPE 1950 Switch Series	2220P02 (Comware 7)
HPE 3100 Switch Series	2220P02 (Comware 7)
HPE 3600 Switch Series	2220P02 (Comware 7)
HPE 5120 Switch Series	2220P02 (Comware 5)
HPE 5130 Switch Series	2220P02 (Comware 7)
HPE 5500 Switch Series	2220P02 (Comware 5)
HPE 5510 HI Switch Series	**
HPE 5700 Switch Series	**
HPE 5710 Switch Series	7.1.070 (Release 2612P08)
HPE 5800 Switch Series	**
HPE 5820 Switch Series	1810P13 (Comware 7)
HPE 5900 Switch Series	2220P02 (Comware 7)
HPE 5945 Switch Series	7.1.070 (Release 6555P01)
HPE 7500 Switch Series	2220P02 (Comware 7)
HPE 7900 Switch Series	**
HPE 10500 Switch Series	2220P02 (Comware 7)
HPE 12900E Switch Series	**
* Not supported in VisualRF. ** Limited testing done. Contact Technical Support for help with any issues.	

High Availability Support

OV3600 8.2 introduces support for pairs of HP Unified Wired-WLAN (UWW) devices operating in HA mode. OV3600 monitors the status of each controller. After OV3600 detects that a failover occurred and the APs failed over to the backup controller, OV3600 displays the current status of the APs.

Monitoring Support

OV3600 provides monitoring through SNMP polling with the OIDS listed in the following table.

Table 10: *Monitoring Support*

Model	SNMP Object ID	SysOID
HPE 7502 Switch	1.3.6.1.4.1.25506.11.1.1	.1.3.6.1.4.1.25506.11.1.269
HPE 7503S Switch	1.3.6.1.4.1.25506.11.1.2	.1.3.6.1.4.1.25506.11.1.268
HPE 7503 Switch	1.3.6.1.4.1.25506.11.1.3	.1.3.6.1.4.1.25506.11.1.270
HPE 7506 Switch	1.3.6.1.4.1.25506.11.1.4	.1.3.6.1.4.1.25506.11.1.267
HPE 7506-V Switch	1.3.6.1.4.1.25506.11.1.5	.1.3.6.1.4.1.25506.11.1.264
HPE 7510 Switch	1.3.6.1.4.1.25506.11.1.6	.1.3.6.1.4.1.25506.11.1.271
HPE 9505 Switch	1.3.6.1.4.1.25506.11.1.39	.1.3.6.1.4.1.25506.11.1.266
HPE 9508-V Switch	1.3.6.1.4.1.25506.11.1.40	.1.3.6.1.4.1.25506.11.1.265
HPE 9508 Switch	1.3.6.1.4.1.25506.11.1.41	.1.3.6.1.4.1.25506.11.1.272
HPE 9512 Switch	1.3.6.1.4.1.25506.11.1.43	.1.3.6.1.4.1.25506.11.1.144
HPE 10504 Switch	1.3.6.1.4.1.25506.11.1.86	.1.3.6.1.4.1.25506.11.1.229
HPE 10508 Switch	1.3.6.1.4.1.25506.11.1.87	.1.3.6.1.4.1.25506.11.1.230
HPE 10508-V Switch	1.3.6.1.4.1.25506.11.1.88	.1.3.6.1.4.1.25506.11.1.145
HPE 10512 Switch	1.3.6.1.4.1.25506.11.1.89	.1.3.6.1.4.1.25506.11.1.231
HPE Switches	* .25506.11.1 *	.1.3.6.1.4.1.25506.11.1.232
HPE Routers	* .25506.11.2 *	NA
HPE Wireless	* .25506.11.3*	NA
HPE Security	* .25506.11.4 *	NA
HPE (3Com) S7503E-M	1.3.6.1.4.1.25506.1.1504	NA
HPE (3Com) S7502	1.3.6.1.4.1.25506.1.52	NA
HPE (3Com) S7502E	1.3.6.1.4.1.25506.1.207	NA
HPE (3Com) S7502ESX	1.3.6.1.4.1.25506.1.1309	NA
HPE (3Com) S7503	1.3.6.1.4.1.25506.1.53	NA
HPE (3Com) S7503E	1.3.6.1.4.1.25506.1.208	NA
HPE (3Com) S7503E-S	1.3.6.1.4.1.25506.1.370	NA
HPE (3Com) S7503X	1.3.6.1.4.1.25506.1.1560	NA

Model	SNMP Object ID	SysOID
HPE (3Com) S7503X-G	1.3.6.1.4.1.25506.1.1836	NA
HPE (3Com) S7504EXS	1.3.6.1.4.1.25506.1.1308	NA
HPE (3Com) S7506	1.3.6.1.4.1.25506.1.54	NA
HPE (3Com) S7506E	1.3.6.1.4.1.25506.1.209	NA
HPE (3Com) S7506E-S	1.3.6.1.4.1.25506.1.469	NA
HPE (3Com) S7506E-V	1.3.6.1.4.1.25506.1.210	NA
HPE (3Com) S7506E-X	1.3.6.1.4.1.25506.1.1306	NA
HPE (3Com) S7506X-G	1.3.6.1.4.1.25506.1.1837	NA
HPE (3Com) S7506X-R	1.3.6.1.4.1.25506.1.55	NA
HPE (3Com) S7508E-X	1.3.6.1.4.1.25506.1.636	NA
HPE (3Com) S7510E	1.3.6.1.4.1.25506.1.159	NA
HPE (3Com) S7510E-X	1.3.6.1.4.1.25506.1.1307	NA
HPE (3Com) S7510X	1.3.6.1.4.1.25506.1.1562	NA

HPE ProCurve

HPE ProCurve switches have the following additional support through OV3600:

- Automated discovery through SNMP
- Model & software version identification

Juniper® Devices

The following Juniper controllers and APs are supported for monitoring, configuration, and software upgrades.

The firmware versions listed in the table below represents the latest firmware version verified as fully supported by OV3600 8.2.14.1. Informal testing shows that OV3600 supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

Table 11: *Supported Juniper Access Points and Wireless LAN Controllers*

Model	Validated up to
WLA321 Access Points	9.1.0.6.0
WLA322 Access Points	9.1.0.6.0
WLA522 Access Points	9.1.0.6.0

Model	Validated up to
WLA532 Access Points	9.1.0.6.0
WLA632 Access Points	9.1.0.6.0
WLC100 Wireless LAN Controllers	9.1.0.6.0
WLC2 Wireless LAN Controllers	9.1.0.6.0
WLC2800 Wireless LAN Controllers	9.1.0.6.0
WLC8 Wireless LAN Controllers	9.1.0.6.0
WLC800 Wireless LAN Controllers	9.1.0.6.0
WLC880 Wireless LAN Controllers	9.1.0.6.0
WLC JunosV Wireless LAN Controllers	9.1.0.6.0
Juniper Switch	12.3R6.6

Juniper®

Juniper switches have the following additional support through OV3600:

- Automated discovery through SNMP
- Model & software version identification
- Rogue AP detection is supported using the Q-BRIDGE MIB

Meru® Devices

The following Meru controllers and APs are now supported in VisualRF.

The firmware versions listed in the table below represents the latest firmware version verified as fully supported by OV3600 8.2.14.1. Informal testing shows that OV3600 supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

Table 12: *Meru Device Support*

Model	Validated up to
AP302	6.1.1-25
AP320i	6.1.1-25
AP332i	6.1.1-25
AP433i	6.1.1-25
AP433is	6.1.1-25
AP822e	6.1.1-25
AP822i	6.1.1-25
AP832e	6.1.1-25
AP832i	6.1.1-25
RS4000	6.1.1-25
MC1000*	3.6.1-49
MC1550	6.1.1-25
MC3000*	3.6.1-49
MC3200	6.1.1-25
MC4200	6.1.1-25
MC5000*	3.6.1-49
FWC-200D	3.6.1-49
FWC-500D	3.6.1-49
* This version of OV3600 supports monitoring for these devices.	

VisualRF support for the for the AP433i, AP433e, AP433is, AP822i, and AP822e is not included in this release of OV3600.

Motorola® Devices

The following Motorola (formerly Symbol) controllers and autonomous APs are supported for monitoring, configuration, and software upgrades.

The firmware versions listed in the table below represents the latest firmware version verified as fully supported by OV3600 8.2.14.1. Informal testing shows that OV3600 supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

Table 13: *Motorola Autonomous AP, Wireless LAN Controller, and AP Support*

Model	Validated up to
AP621	5.4.2.0-030R
AP622	5.4.2.0-030R
AP650	5.4.2.0-030R
AP5131	5.4.2.0-030R
AP5181	5.4.2.0-030R
AP6521*	5.4.2.0-030R
AP6522*	5.4.2.0-030R
AP6532*	5.7.0.0-057R
AP7131	5.4.2.0-030R
AP7161	5.4.2.0-030R
AP7532	5.8.1.0-012R
NX9600	5.8.6.0-011R
RFS4000	5.4.2.0-030R
RFS6000	5.4.2.0-030R
RFS7000	5.4.2.0-030R
WS2000	2.4.5
WS5100	3.3.4
Wing5 RFS controllers	5.4.2.0-030R
* These AP and controller models may require adjustments to the OV3600 SNMP timeouts to compensate for known SNMP issues on these devices.	

Other Third-Party Devices with Monitoring Support

This version of OV3600 supports monitoring for a variety of devices with software versions listed in the table below.

The firmware versions listed in the table below represents the latest firmware version verified as fully supported by OV3600 8.2.14.1. Informal testing shows that OV3600 supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

Table 14: *Other Supported Devices*

Device	Validated up to
Arista DCS-7504N and DCS-7280SRAM-48C6 switches	4.21.7M
BelAir 200	main.2005.03.29
Brocade ICX switches	08.0.20T211 and 08.0.30aT213
Ericsson APM-210 Access Point Modules	6.4.4.0-sp
Proxim AP-600/700	2.0 – 4.0.2
Proxim AP 2000/4000	2.0 – 4.0.2
Proxim Tsunami MP.11 QB 954-x, 2454-x, 4954-x, 5054-x	2.3.0 – 4.0.0
Siemens SCALANCE W1750D	6.5.0.0 - 4.3.0
Siemens SCALANCE XC208G switches	4.1
Siemens SCALANCE XR500 switches	6.1.3
Siemens SCALANCE XR300 switches	3.2.1
Symbol 3021	04.01-23 – 04.02-19
Symbol 4121 and 4131	3.51-20 – 3.95-04
Symbol 5131/5181	1.1.0.0.045R – 2.5.0.0
Trapeze MXR-2, MXR-8, MXR-20, MXR-2xx, MX-400, MP-3x2, and MP-422	5.0.12.2 – 7.0.5.6
Tropos 3/4/5210/5320/9422/9532	5.1.4.7 – 6.6.1.3

Other Switches

Some switches have additional support in OV3600:

Alcatel-Lucent OmniSwitch™(6250 and 6450)

- Automated discovery through SNMP
- Model & software version identification
- Stack information
- Firmware version 6.6.1.859.R01

Brocade

- Automated discovery through SNMP
- Model & software version identification
- Firmware version 08.0.20T211 and 08.0.30aT213
- Stacking

Force10

- Model & software version identification
- Firmware version 8.4.2.9

Siemens Ruggedcom

- Zero Packet Loss Technology
- Robust and Reliable
- Model & software version identification

OV3600 8.2.12.1 supports the following Siemens Ruggedcom models:

Layer 2 Rack Switches

- RSG2100
- RSG2100P
- RST2228
- RST2228P

Layer 2 Compact Switches

- RS900GP
- RSG920P
- RSG908C
- RSG910C
- RSG907R
- RSG909R
- RST916P
- RST916C

Layer 3 Multi-service Platform

RX 1500/1501/1510/1511/1512/1524/1536
RX 5000

Layer 3 Edge Router

RX1400

Firmware Version Boot

- v4.3.0
- ROS v5.4.2

- ROX v2.13.3

Only limited testing has been performed on Seimens Ruggedcom devices.

Contacting Support

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