

# OmniVista 3600 Air Manager 8.2

## 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" on page 1
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- "Third-Party Vendor Devices" on page 3
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### Alcatel-Lucent Devices

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

#### Alcatel-Lucent AOS-W

OV3600 supports all Alcatel-Lucent switches and most access points that are running Alcatel-Lucent AOS-W 6.4.4.x and all prior versions, and that have not reached the End of Support milestone. The OAW-AP80M series of access points is not supported by OV3600.

#### FIPS

OV3600 supports switches running AOS-W 6.0.x through 6.4.4.x FIPS and all prior versions, that have not reached the End of Support milestone.

**Table 1:** *Alcatel-Lucent AOS-W Device Support*

Device	Validated up to
OAW-AP324 and OAW-AP325	6.4.4.x
OAW-AP277	6.4.4.x
OAW-AP274 and OAW-AP275	6.4.4.x
OAW-AP224 and OAW-AP225	6.4.4.x
OAW-AP228	6.4.4.x
OAW-AP205H	6.4.4.x
OAW-AP214 and OAW-AP215	6.4.4.x
OAW-AP204 and OAW-AP205	6.4.4.x
OAW-AP175	6.4.4.x

**Table 1:** Alcatel-Lucent AOS-W Device Support (Continued)

Device	Validated up to
OAW-AP134 and OAW-AP135	6.4.4.x
OAW-AP114 and OAW-AP115	6.4.4.x
OAW-AP124 and OAW-AP125	6.4.4.x
OAW-AP104 and OAW-AP105	6.4.4.x
OAW-AP103	6.4.4.x
OAW-AP103H	6.4.4.x
OAW-AP92 and OAW-AP93	6.4.4.x
OAW-AP93H	6.4.4.x
OAW-AP68	6.4.4.x
OAW-4504/4604/4704 Series switch	6.4.4.x
OAW-4005 switch	6.4.4.x
OAW-4010 switch	6.4.4.x
OAW-4030 switch	6.4.4.x
OAW-4550/4650/4750 Series switch	6.4.4.x

## Instant

OV3600 supports Alcatel-Lucent Instant Access Points (W-IAPs) running Instant software 6.4.4.0-4.2.3.0 and all prior versions, that have not reached the End of Support milestone.

**Table 2:** Alcatel-Lucent Instant Device Support

Device	Validated up to	
	Template Config	Instant GUI Config
OAW-AP324 and OAW-AP325	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP277	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-API274 and OAW-IAP275	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP228	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP224 and OAW-IAP225	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP214 and OAW-IAP215	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP204 and OAW-IAP205	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP205H	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP175	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP134 and OAW-IAP135	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP114 and OAW-AP115	6.4.4.0-4.2.3	6.4.4.0-4.2.3

**Table 2: Alcatel-Lucent Instant Device Support (Continued)**

Device	Validated up to	
	Template Config	Instant GUI Config
OAW-IAP103	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP104 and OAW-IAP105	6.4.4.0-4.2.3	6.4.4.0-4.2.3
OAW-IAP92 and OAW-IAP93	4.1.0.0	4.1.0.0



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Starting with 6.4.3.x-4.2, Instant software does not support OAW-IAP92 and OAW-IAP93.

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## Aruba Devices

This release of OV3600 supports the following Aruba devices and software.

### Aruba Mobility Access Switches

The Aruba series of Mobility Access Switches (S3500, S2500, and S1500) are supported for profile configuration, monitoring, and software upgrades.

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 3: Aruba Mobility Access Switch Support**

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 4: Aruba MeshOS Device Support**

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

## Third-Party Vendor Devices

OV3600 provides basic monitoring and, in some cases, management of the third-party vendor devices listed below. The following section describes the features, and provides the list of supported devices and firmware versions.

## Monitoring

OV3600 supports the following basic monitoring features for third party devices, unless specified otherwise:

- User monitoring data such as connection time, username, SSID, and bandwidth
- Network monitoring data, including real-time and historical bandwidth and user count metrics
- Rogue detection and classification using OV3600 customizable rules
- VisualRF heatmaps and user/rogue location
- Reports
- Triggers and alerts

## Management

OV3600 supports the following basic management features for third party devices, unless specified otherwise:

- Basic configuration
- Firmware upgrades
- Controller and AP discovery

## Cisco® Devices

This section describes the Cisco devices and software versions supported in OV3600.

### Cisco Autonomous APs running IOS

The following IOS AP product families 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. Informal testing shows that OV3600 supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

The following table describes the Cisco Autonomous APs supported for monitoring and management.

**Table 5:** Cisco Autonomous AP Support Matrix

Cisco Monitoring and Management	
Model	Validated up to
350 Series	IOS 12.3(11)JA IOS 12.4(21a)JA1
702W	IOS10.2.111.0 (IOS: 15.3(3)JN3)
801	IOS 12.4(25d)JA2 IOS 15.(22)JB
871W - Excluding Software Upgrade	IOS 12.4(21a)JA1
881 Series	IOS 12.4(21a)JA1
881W Series	IOS 12.4(21a)JA1 IOS 15.0(1)M7

**Table 5:** Cisco Autonomous AP Support Matrix (Continued)

Cisco Monitoring and Management	
Model	Validated up to
881GW Series	IOS 12.4(21a)JA1 IOS 15.1(4)M3
891 Series	IOS 12.4(21a)JA1 IOS 15.0(1)M7
1040 Series	IOS 12.4(21a)JA1
1100 Series	IOS 12.4(21a)JA1
1110 Series	IOS 12.4(21a)JA1 IOS 12.3(11)JA
1130 Series	IOS 12.4(21a)JA1
1140 Series	IOS 12.4(21a)JA1 IOS 12.3(11)JA
1200 Series	IOS 12.4(21a)JA1 IOS 12.3(11)JA
1210 Series	IOS 12.4(21a)JA1
1230 Series	IOS 12.4(21a)JA1
1240 Series	IOS 12.4(21a)JA1
1250 Series	IOS 12.4(21a)JA1
1260 Series	IOS 12.4(21a)JA1
1300/1400 Series Bridges	IOS 12.4(21a)JA1
1700 Series	IOS10.2.111.0 (IOS: 15.3(3)JN3)
1941W Series	IOS 15.2(3)T
2700 Series	IOS10.2.111.0 (IOS: 15.3(3)JN3)

Support is also available for the following product:

- 860 series

### Cisco Wireless LAN Controllers and Access Points

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

**Table 6: Cisco Wireless LAN Controllers and APs Support Matrix**

Cisco Monitoring and Management	
Model	Validated up to
1040 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1130 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1140 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1200 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1550 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1600 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1700 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
2600 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
2700 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
3500 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
3600 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
3700 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
Standalone 2100 Series Controller	7.0.235.0 (Bootloader: 7.0.235.0)
Standalone 2500 Series Controller	7.6.110.0 (Bootloader: 7.0.116.0)
Standalone 4400 Series Controller	7.0.235.0 (Bootloader: 7.0.235.0)
Standalone 5500 Series Controller	7.6.110.0 (Bootloader: 7.0.116.0)
Standalone 5760 Controller	3.2.0
7500 Flex Controller	7.6.110.0 (Bootloader: 7.0.116.0)
8510 Controller	7.4.121.0
3650 Switch	03.06.01E
3850 Switch	03.06.01E
4800 Switch (Pre-VxWorks) - Monitoring Only	8.65.2

Support is not available for the following products:

- Mobility Services Engine
- 500 series APs

### Cisco Switches

Cisco switches have the following additional support through OV3600:

- Automated discovery through SNMP
- Model & software version identification
- CDP neighbor information and extended port error stats
- 3750 stack information
- 3850 and 3650 configured as a switch

## Hewlett Packard Enterprise Devices

OV3600 8.2 introduces support for the Hewlett Packard Enterprise (HPE) devices listed in [Table 7](#). These devices are available within the VisualRF product catalog and can be selected when setting up device-specific triggers and alerts. In addition, these devices can be set up as trap receivers, and the SNMP traps can be seen on the **System > Syslog & Traps** page.



In VisualRF, the utilization value for HPE devices will be 0 because OV3600 does not get utilization values for these devices.

**Table 7: HPE Switches (Validated on ArubaOS-Switch Version 16.01)**

Device	Monitoring Support	Firmware Changes	Show Commands On Monitor page	Template Configuration	Stacking Monitoring and Configuration
HPE 2530YA	Yes	Yes	Yes	Yes	No
HPE 2530YB			Yes	Yes	No
HPE 2620			Yes	Yes	No
HPE 2920			Yes	Yes	Yes
HPE 3800			Yes	Yes	Yes
HPE 3810			Yes	Yes	Yes
HPE 5400R			Yes	Yes	Yes

The firmware versions for the HPE devices listed [Table 8](#) represent the latest firmware version verified as fully supported by OV3600 8.2. 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 HPE switches via OV3600, refer to the *OV3600 Switch Configuration Guide*.

**Table 8: HPE Device Support**

Model	FirmWare Validated Up To
MSM310 and MSM310R	5.7.2.0
MSM313 and MSM313R	5.7.2.0
MSM317	5.7.2.0
MSM318	5.7.2.0
MSM320 and MSM320R	5.7.2.0
MSM323 and MSM323R	5.7.2.0
MSM325	5.7.2.0

**Table 8: HPE Device Support (Continued)**

Model	FirmWare Validated Up To
MSM335	5.7.2.0
MSM410	5.7.2.0
MSM417*	5.20.109 (Release 2607P39)
MSM422	5.7.2.0
MSM425*	5.20.109 (Release 2607P39)
MSM430	5.7.2.0
MSM460	5.7.2.0
MSM466 and 466R	5.7.2.0
MSM525*	5.20.109 (Release 2607P39)
MSM527*	5.20.109 (Release 2607P39)
MSM560*	5.20.109 (Release 2607P39)
MSM710 (controller)	5.5.3.0-01-10326
MSM720 (controller)	5.7.2.0
MSM730 (controller)	6.3.0.2
MSM750 (controller)	6.3.0.2
MSM760 (controller)	6.3.0.2
MSM765 (controller)	6.3.0.2
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)
5406 zl Switch	K.12.43 (ROM:K.12.12)
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)
7500 Switch Series*	5.20.109 (Release 2607P39)
10500 Switch Series*	5.20.109 (Release 2607P39)
HPE WESM controllers & APs <ul style="list-style-type: none"> <li>● xl</li> <li>● zl</li> </ul>	<ul style="list-style-type: none"> <li>● WS.01.05 – WS.02.19</li> <li>● WT.01.03 – WT.01.28</li> </ul>
* These HPE devices are not supported in VisualRF.	

## 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. Informal testing shows that OV3600 supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

**Table 9: Juniper AP Support**

Model	Validated up to
WLA321	9.1.0.6.0
WLA322	9.1.0.6.0
WLA522	9.1.0.6.0
WLA532	9.1.0.6.0
WLA632	9.1.0.6.0
WLC100	9.1.0.6.0
WLC2	9.1.0.6.0
WLC2800	9.1.0.6.0
WLC8	9.1.0.6.0
WLC800	9.1.0.6.0
WLC880	9.1.0.6.0
WLC JunosV	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. Informal testing shows that OV3600 supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

**Table 10: 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
*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. 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: Motorola Autonomous AP, Wireless LAN Controller, and AP Support**

Model	Validated up to
AP621	5.4.20-30R
AP622	5.4.20-30R

**Table 11: Motorola Autonomous AP, Wireless LAN Controller, and AP Support (Continued)**

Model	Validated up to
AP650	5.4.20-30R
AP5131	5.4.20-30R
AP5181	5.4.20-30R
AP6521*	5.4.20-30R
AP6522*	5.4.20-30R
AP6532*	5.4.20-30R
AP7131	5.4.20-30R
AP7161	5.4.20-30R
RFS4000	5.4.2.0-30R
RFS6000	5.4.20-30R
RFS7000	5.4.20-30R
WS2000	2.4.5
WS5100	3.3.4
Wing5 RFS controllers	5.4.20-30R
* 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. Informal testing shows that OV3600 supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

The firmware versions listed in the table below represents the latest firmware version verified as fully supported by OV3600 8.2. 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: Other Supported Devices**

Device	Validated up to
BelAir 200	main.2005.03.29
Brocade ICX switches	08.0.20T211 and 08.0.30aT213
Ericsson APM-210 access point module	6.4.4.0-sp
Proxim AP-600/700 Proxim AP 2000/4000	2.0 – 4.0.2

**Table 12: Other Supported Devices (Continued)**

Device	Validated up to
Proxim Tsunami MP.11 QB 954-x, 2454-x, 4954-x, 5054-x	2.3.0 – 4.0.0
Symbol 3021	04.01-23 – 04.02-19
Symbol 4121/4131	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, 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