



# How to use AirVantage Management Services

Version 1.1

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## Revision History

Version	Date	Details	Originated by	Reviewed By
<b>1</b>	13 Oct.2014	First issue	AlokKelkar	AkshayNatu
<b>1.1</b>	14 Oct.2014	Revision 1	Matthieu Boulanger	
<b>1.2</b>	21 Oct.2014	Revision 2	Alok Kelkar	

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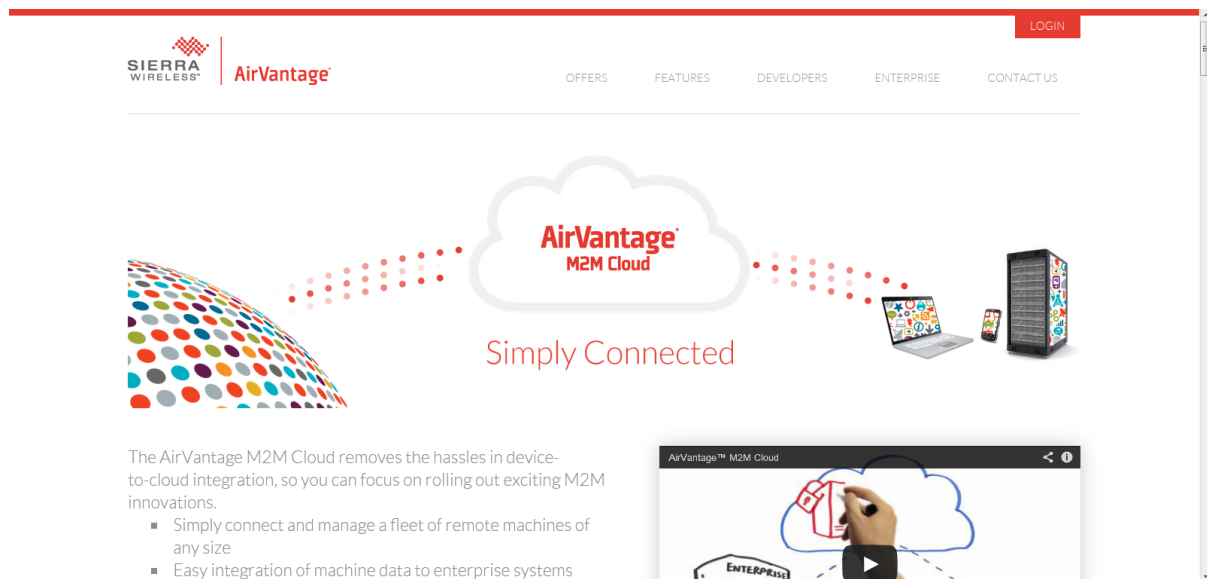
## Introduction

AVMS (AirVantage Management Services) is a Sierra platform on which you can access different statistics related to your device.

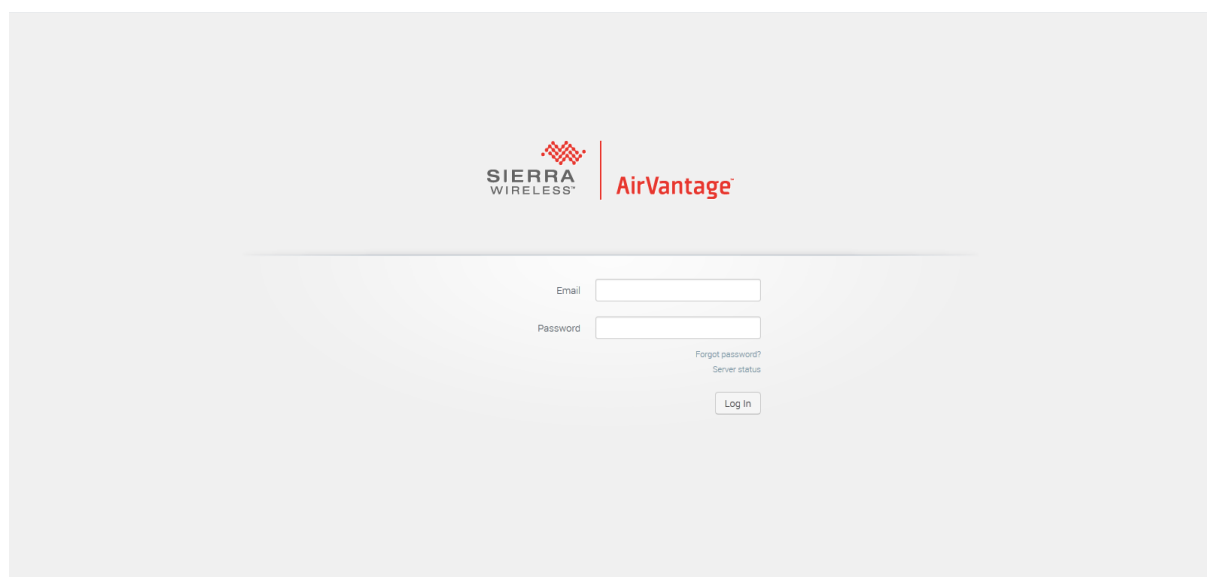
Firstly, you need to register your device on this platform. To register your device, please click on the link:

<https://eu.airvantage.net>

You will receive the following screen.

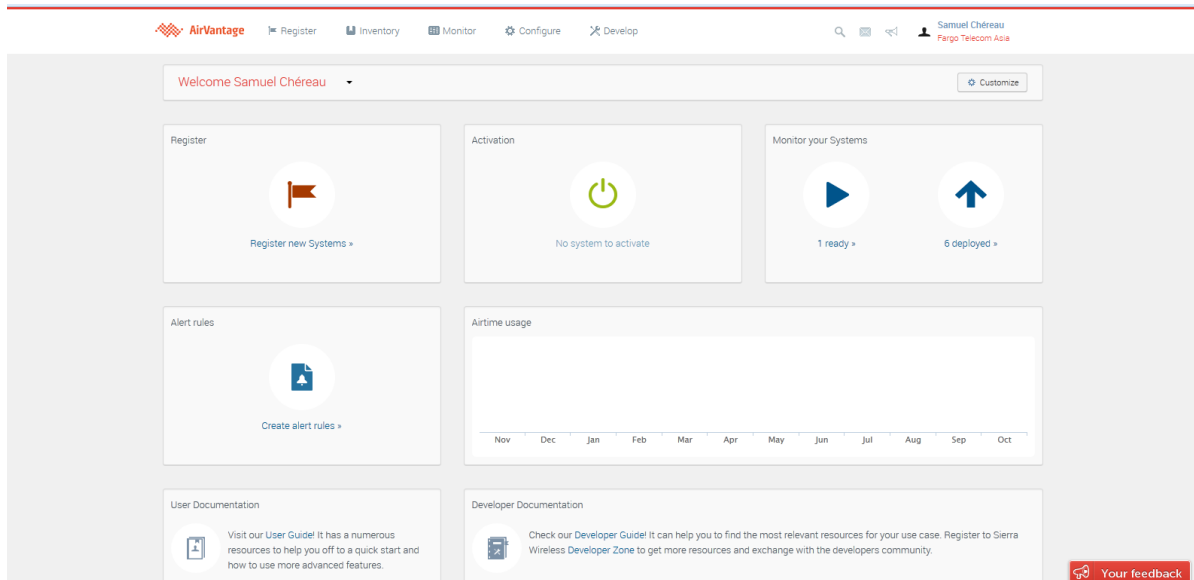


Click on LOGIN button in the right hand corner. You will receive following screen.

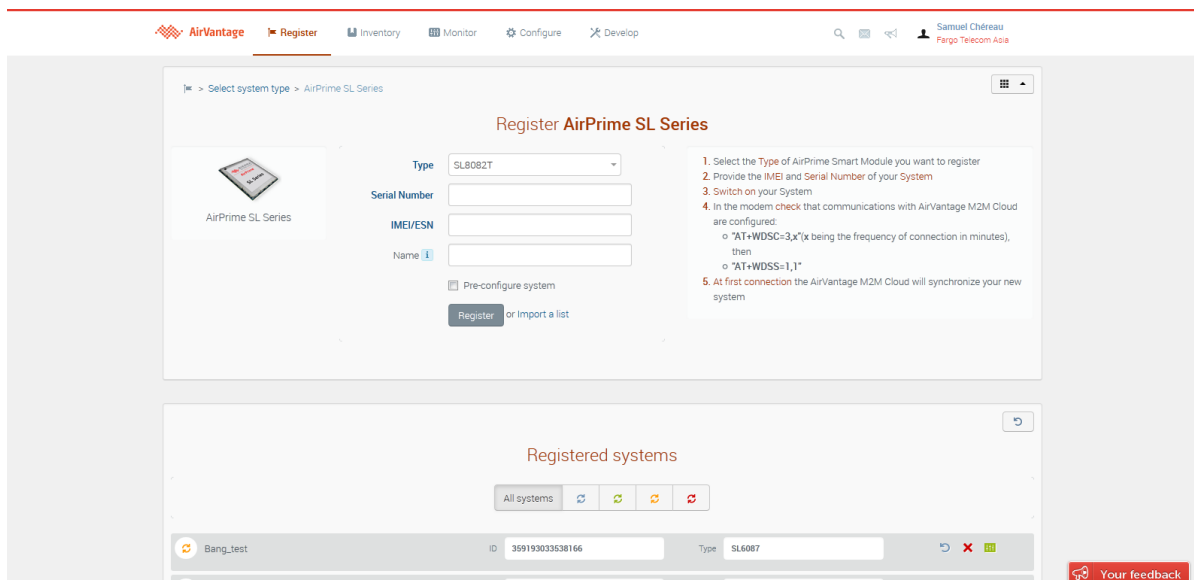


Enter your Email and password and click on Log In button.

You will receive a screen as given below:



Click on the link 'Register new Systems'. You will receive following screen.



Select 'TYPE'.

Maestro Model name and module used :

Maestro modem part number	Embedded Sierra Module
M1002G	SL6087
M100CDMAPLUS-V	SL3010T
M1003GXT00	SL8080T
M1003GXT02	SL8082T
M1003GXT04	SL8084T
M100CDMA485-V	SL3010T
M1003GXT48500	SL8080T
M1003GXT48502	SL8082T
M1003GXT48504	SL8084T
E205XT02	SL8082T
E205XT04	SL8084T
MT-01(rev.3)-A	SL6087

Please issue 'AT+WMSN' command to the modem. The modem will respond with the serial number. Please enter the response of this command as 'Serial number'.

Please issue 'AT+CGSN' command to the modem. The modem will respond with the IMEI or ESN number. Please enter the response of this command as 'IMEI/ESN'

Select a name to identify your device on the platform.

Next, click REGISTER button. Your device will be registered on the Sierra AVMS platform. You will receive a screen, in which the recently registered device will be added, as in the example above.

You can click on the BACK button of your browser to receive main screen of AirVantage system. You can browse through various options and also read User/Developer documentation here.

## Changing Server for OMA-DM FOTA

**If your AVMS account is on na.airvantage.net, please follow the below procedure:**

Enter the command:

```
ATt+WDSW=3,2, ". /Wm/SCmd", "000a1d00687474703A2F2F6E612E6D326D6F702E6E65742F6F6D612F6F6D61646D800001" <RETURN>
```

**Enter the signature:**

```
>54C3295DC4E590405424C153145EA6C9A1A180057AC76688DB4040F5D19E81CA87FA32E8EC68B52B63CE761E73FB29C07DA4DF1D76F6168D784D14ABAE56C62DE246EA70CC69DEAC5717D07920E4F7FA2CD11214174D3B4573667A3AF81BE428ABE725D73DA07C016BA087AD8AF8D4D80016FE6F68D81D59570D2735C7688A852E77B9E385557FB53398C8D2E227A96F3297FB2498B6847541D0CDEC7BC2B025A51E429E16C318E7218FF605BEAF4AD368453E2EECF621404E37EF3EFF6B6A341B8577AF09191448929663B8FD4B1C56B002189028A21C21737C264985C73D97F3696FACBA857F973FB56A826BD640F59C82F4306A8E868D5C5807EA08AFF634 <CTRL+Z>
```

Validate with: CTRL + Z (directly after the signature)

```
AT+WDSW=14,10 <RETURN>
```

```
>http://na.m2mop.net/oma/omadm <CTRL+ Z>
```

**If you want to set it back to eu.airvantage.net:**

Enter the command:

```
ATt+WDSW=3,2, ". /Wm/SCmd", "000A2200687474703A2F2F65752E61697276616E746167652E6E65742F6F6D612F6F6D61646D800001" <RETURN>
```

**Enter the signature:**

```
>AFC94071238861C9A63E997E0384256188E306B86EF4FBB4D459AE405611BA9FAAF43439713E94B483BFA3981FDFA2F61669F54B4BA71C861D100B9DA02DEAD11CB50A100DEEDC2EB030D3DDB2683F0C0E04F0A3A74E9375F0DAABA10F688D018C8E2BBEF541E4779C28EFB180E90F1D41F37D3D013E2930B6AC1850AA513D0AF5335B9F0F44E04A264CC55D4308838DACF91DB370263BC31E796F85828B64BBAE6FA665D0A455BCC196F243C95DCA0E51788BB14D92606F0E45F79DD6A9036199B19B84BBDDC3C486FAD0CDFC774BC430347C885BA0733557E79D4FC8E8B85E06509ADB0C1D1B74B6DC1EED3BA55DF65F4C0C753A872689A7EE596CD39471C2 <CTRL+Z>
```

Validate with: CTRL + Z (directly after the signature)

```
AT+WDSW=14,10 <RETURN>
```

```
>http://eu.airvantage.net/oma/omadm <CTRL+ Z>
```

**Source: <https://forum.sierrawireless.com/viewtopic.php?f=135&t=8127>**



## Activation process for first device activation

AT+WDSS=0,"YOURSIMCARDAPN"

AT+WDSC=3,15

AT+WDSS=1,1

## Remote control and commands

Use the Monitor System icon (green slider) to access the M1003G details. You will be able to configure the communication timing, the reported information, do a remote reboot, and possibility of a remote FOTA.