Adding/Overriding SIM Phone Number
6350-SR

Adding/Overriding SIM Phone Number

Difficulty Level: *Beginner*

Minimum Firmware: *18.4.54*

Goal

To add or override a phone number of a modem SIM for use with aView's SMS commands.

Setup

This feature allows you to add a phone number to a matching modem interface that contains its SIM if the SIM did not already provisioned with one, or override the phone number if the one provisioned in the SIM is incorrect.

The correct modem interface and its matching criteria must be specified when assigning a phone number, as this is the number the device will report to aView. Subsequently, it will be used by aView to send SMS commands. If the phone number does not match the modem interface that is specified in the matching criteria, then the SMS commands sent from aView will not reach the device as expected.

Sample

In this configuration example, two SIMs are plugged into a CM pluggable cellular module. SIM 1, which is in slot 1, has an IMSI of *505013420384878*, and a phone number of *555-0122*, and it is not provisioned into the SIM card. And this number will be set in the device configuration for use in aView.

Sample Configuration

Open the configuration profile and make the following changes.

1. Navigate to *Network -> Interface -> Modem*, or create a new modem interface by specifying an interface name next to the *Add Interface* field, and click *Add*.
2. Ensure the modem *Enabled*
3. *Match SIM by:* Ensure the correct SIM slot is chosen or other SIM attributes (e.g. ICCID, IMSI etc.) is correct for which the phone number should match. This example will match the SIM by *IMSI*
4. *Match IMSI: 505013420384878.*
5. *Phone number:* Insert the appropriate phone number that applies to the IMSI - *555-0122*. Note that a country code will be required if the phone number is non-US.
6. Click *Save*.

⊟ Network ▾

⊟ Interfaces ▾

⊟ Modem ▾

Enable	▾ ☑	
Interface type	▾	Modem ▾
Zone	▾	External ▾
Device	▾	Modem ▾
Match SIM by	▾	IMSI ▾
Match IMSI	▾	505013420384878
PIN	▾	
Phone Number	▾	5550122
Use DNS	▾	When primary default route ▾
SIM failover	▾ ☑	
Connection attempts before SIM failover	▾	5
SIM failover alternative	▾	None ▾
APN list only	▾ ☐	

⊞ APN list ▾

⊞ Passthrough ▾

⊞ Custom gateway ▾

⊞ IPv4 ▾

⊞ IPv6 ▾

⊟ Interfaces ▾