



Cellular Pluggable Interface Module Configuration Guide

The Cisco 4G LTE-Advanced Configuration chapter has been replaced by a new standalone guide called [Cellular Pluggable Interface Module Configuration Guide](#). This guide contains updated information on all aspects of using the Cisco Cellular PIM.



Important The Pluggable Module is not hot swappable. The router must be reloaded after a new module is installed.

- [Support for the P-5GS6-GL Pluggable Module on the ESR6300, on page 1](#)
- [Galileo Support on the LTE Pluggable Modules, on page 1](#)

Support for the P-5GS6-GL Pluggable Module on the ESR6300

Support for the P-5GS6-GL Pluggable Module works the same on the ESR6300 as it does on the other IoT Routers. For details, see [5G Sub-6 GHz Pluggable Interface Module](#) and [Cellular Pluggable Interface Module Configuration Guide](#).

Galileo Support on the LTE Pluggable Modules

With Cisco IOS XE 17.11.1a and earlier, the only GNSS constellation supported was GPS. This release introduces support for Galileo.



Note Only ONE constellation can be enabled at a time.

There are new CLI options available to support the new constellation:

Configuration Commands

```
config# controller cellular <slot/port>
(config-controller)# <no> lte gps constellation <gps | galileo | gnss >
```

Example:

```
(config-controller)#lte gps constellation ?
galileo  select Galileo as active constellation
gps      select GPS as active constellation
gnss     select multiple GNSS as active constellation
```



Note The default setting is gps mode.

The new galileo and gnss options in the above CLI are used to configure Galileo and Multiple/Simultaneous GNSS (GPS + Galileo etc) respectively.

If you disable the GPS configuration, ensure there is no constellation configured, consistent with GPS mode configuration. For example:

```
config# controller Cellular 0/1/0
(config-controller)# no lte gps constellation gps
```

Show Commands

The following example shows the current GNSS constellation as Galileo:

```
#show cellular 0/1/0 gps detail
GPS Feature = enabled
GPS Mode Configured = standalone
Current Constellation Configured = galileo | gps | gnss
GPS Port Selected = Dedicated GPS port
GPS Status = GPS acquiring
```

Any changes made to the configuration will require the router to be rebooted.

More information is available in the [Cellular Pluggable Interface Module Configuration Guide](#).