

Cellular Pluggable Interface Modules

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Cellular Pluggable Interface Modules

The Cisco 4G LTE-Advanced Configuration chapter has been replaced by a new standalone guide called Cellular Pluggable Interface Module Configuration Guide.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.

Galileo Support on the LTE Pluggable Modules

GPS was the only GNSS constellation supported in earlier releases. The Cisco IOS XE 17.11.1a release introduces support for Galileo constellation.

Note You can enable only one constellation at a time.

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 galileo and gnss options in this CLI configure Galileo and simultaneous GNSS modes, such as GPS and Galileo.

If you disable the GPS configuration, make sure that no constellation is configured. This maintains consistency with GPS mode configuration. For example:

```
config# controller Cellular 0/4/0
(config-controller)# no lte gps constellation gps
```

Show Commands

This example shows the current GNSS constellation as Galileo:

```
config# show cellular 0/4/0 gps detail
GPS Feature =  enabled
GPS Mode Configured =  standalone
Current Constellation Configured =  galileo
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.