

**Attn:**

To whom it may concern

March 1<sup>st</sup>, 2019

**Subject:** 2019 GPS Week Number Rollover Update

Dear Telit Partner,  
the present communication explains the potential impact on devices when 2019 Global positioning system (GPS) week number rollover occurs.

GPS has its date and time scale for expressing satellite positions, based on counting weeks, and seconds within a week. The GPS week number is a ten-bit count in the range 0-1023, repeating every 1024 weeks. Week 0 started at 00:00:00 UTC on Sunday, 6 January 1980, causing the first week number rollover from 1023 to 0 to occur at 23:59:47 UTC on Saturday, 21 August 1999. The next GPS week rollover occurs at 23:59:42 UTC on Saturday, 6 April 2019

Telit, being the manufacturer, hereby declares that the modules belonging to the product series:

LE910C1  
LE910C4  
ME910C1  
ML865C1  
GE910-GNSS  
GE310-GNSS  
LN940/LN941  
LM940  
LM960

are embedding GPS functionality, but are not impacted by this change.

With regards to product series

HE910  
DE910  
LE910

Telit simulations confirms that HE910 modules will output a date in the past or in the wrong format, instead of the current date, when the GPS week rollover occurs.

DE910 and LE910 modules will also output a date in the past but this behavior will appear at later date (November 2, 2019)

We would like to inform you that Telit Application Engineering team can support you with a workaround, documented in a dedicated Application note.

For any additional question regarding this notification please contact your Regional Sales Director/Account Manager.

Best Regards,

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