



# Technical Bulletin

March 2019

## GPS WEEK ROLLOVER

### All Applanix Position and Orientation Systems

At the end of the GPS day on April 6th, 2019, a scheduled GPS Week Rollover will occur. At that time, the GPS Week number, used to determine the absolute date, will increase from 2047 to 2048. However, the actual week number broadcast by the GPS system will rollover from 1023 to 0, as a result of limitations in the length of message broadcast.

All BD9XX receivers with firmware greater than or equal to 2.32 will handle this rollover without issue.

Extensive testing of Trimble GNSS receivers used in Applanix POS systems confirms that all messages and outputs will continue uninterrupted during and following the rollover, and thus we expect no problems to occur.

For further details on the GPS Week Rollover, please see the following link:

<https://ics-cert.us-cert.gov/Memorandum-US-Owners-and-Operators-Using-GPS-Obtain-UTC-Time>

### For more information

For more information contact, please contact [techsupport@applanix.com](mailto:techsupport@applanix.com)