



Support Bulletin

Trimble RTX Upgrade Relief

Trimble Navigation and Triangle Ag-Services appreciate that upgrading firmware in your display to use the newer, better RTX signals may be an inconvenience. In recognition of the extra effort, users who upgrade their firmware and have a current RangePoint RTX or CenterPoint RTX subscription will receive a coupon for a 10% discount on new Trimble hardware products ordered from Triangle Ag-Services by June 19, 2019.



Contact Triangle Ag-Services for upgrade details and to receive your discount coupon.
406-622-3887

ENCRYPTION AND BEAM CHANGE FOR TRIMBLE RTX CORRECTION SERVICES - FIRMWARE UPDATE REQUIRED ON ALL TRIMBLE XFILL AND TRIMBLE RTX DEVICES IN NORTH AMERICA, EUROPE, MIDDLE EAST AND AFRICA (AGRICULTURE)

Data integrity and authenticity are critical to ensure that our correction services are reliable and trustworthy. We take data security extremely seriously and leverage the most advanced technology available to protect our correction data streams. To this end, Trimble Advanced Positioning® will be updating Trimble RTX™ real-time correction streams to AES Encryption, providing further peace of mind for our users. Additionally, Trimble will be changing satellite beams that will accommodate RTX technology enhancements and network coverage expansion for years to come. The net result is even better service reliability and greater access to Trimble's ever-expanding CenterPoint® RTX Fast network. These changes will provide the end-user with increased reliability and access to faster convergence times in more areas.

All Trimble xFill® and Trimble RTX compatible devices must be updated to versions of firmware supporting the encrypted streams, as well as configured for the new satellite beams, to continue to use Trimble xFill and Trimble RTX correction services.

The newly encrypted correction streams will be deployed on new satellite beams, and the old satellite beams will be left on for several months to allow a smooth transition before they are disabled (see table below). It is very important that all users update their equipment firmware, and then configure the devices to use the new beam during the period of overlap.

When and where is this happening?

Refer to the following table for the schedule of beam changes. Note that the existing 3 beams in North America will be replaced by a single beam covering the same areas.

	New Beam (AES Encrypted) <i>*compatible firmware required*</i>				Old Beam		
Region	Beam Name	Frequency (MHz)	Baud Rate	Turn on Date	Beam Name	Frequency (MHz)	Turn off Date
North America (Canada & USA)	RTXNA	1555.8080	2400	February 14, 2019	RTXWN RTXCN RTXEN	1557.8615 1557.8150 1557.8590	July 1, 2019

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How can I work through this change?

To minimize any disruption from this change, it will be necessary to:

1. Update your device firmware to the minimum version listed in the table below
2. Configure your device to use the new beam

Firmware can be updated at any time before switching to the new beam. All firmware will continue to work with the old beams, allowing customers to upgrade firmware at the first available opportunity.

The beam configuration should be completed during the overlap period:

- For users in North America, configure the use of the RTXNA beam ASAP after February 14, 2019 and before July 1, 2019.

What firmware version do I need?

Required firmware versions for all devices are listed below. While the minimum firmware version is listed, please use the latest firmware available at the time of installation.

Device	Minimum Firmware Version
NAV-900 / GFX-750	1.01
TMX-2050	4.2.1
AG-372	8.20
CFX-750	7.75
FmX	10.01