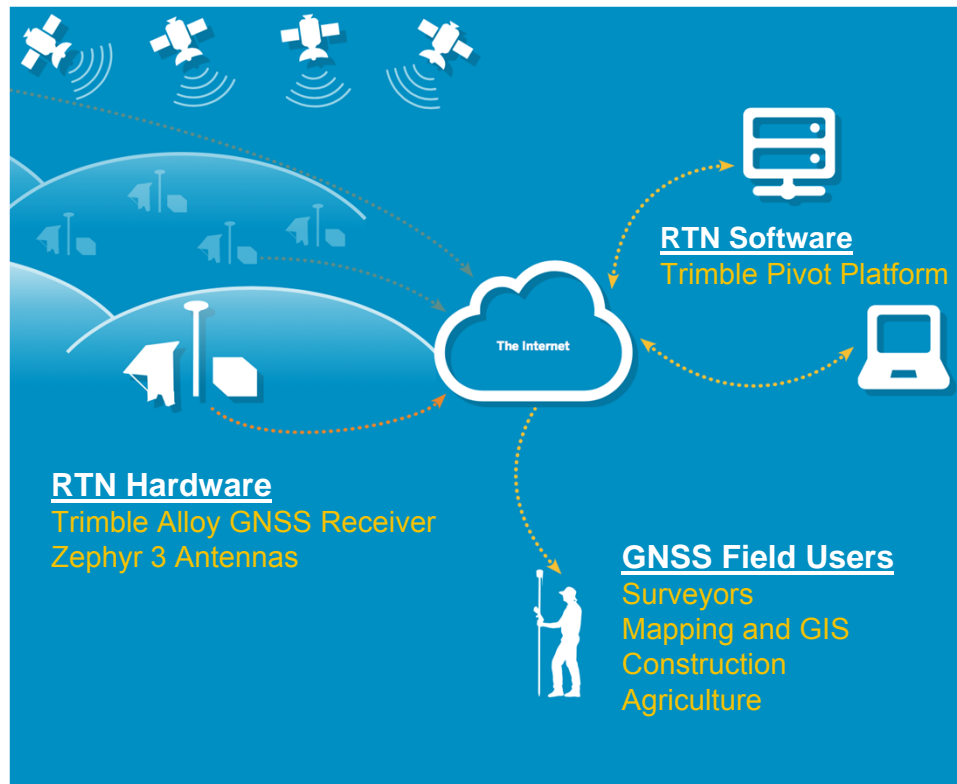


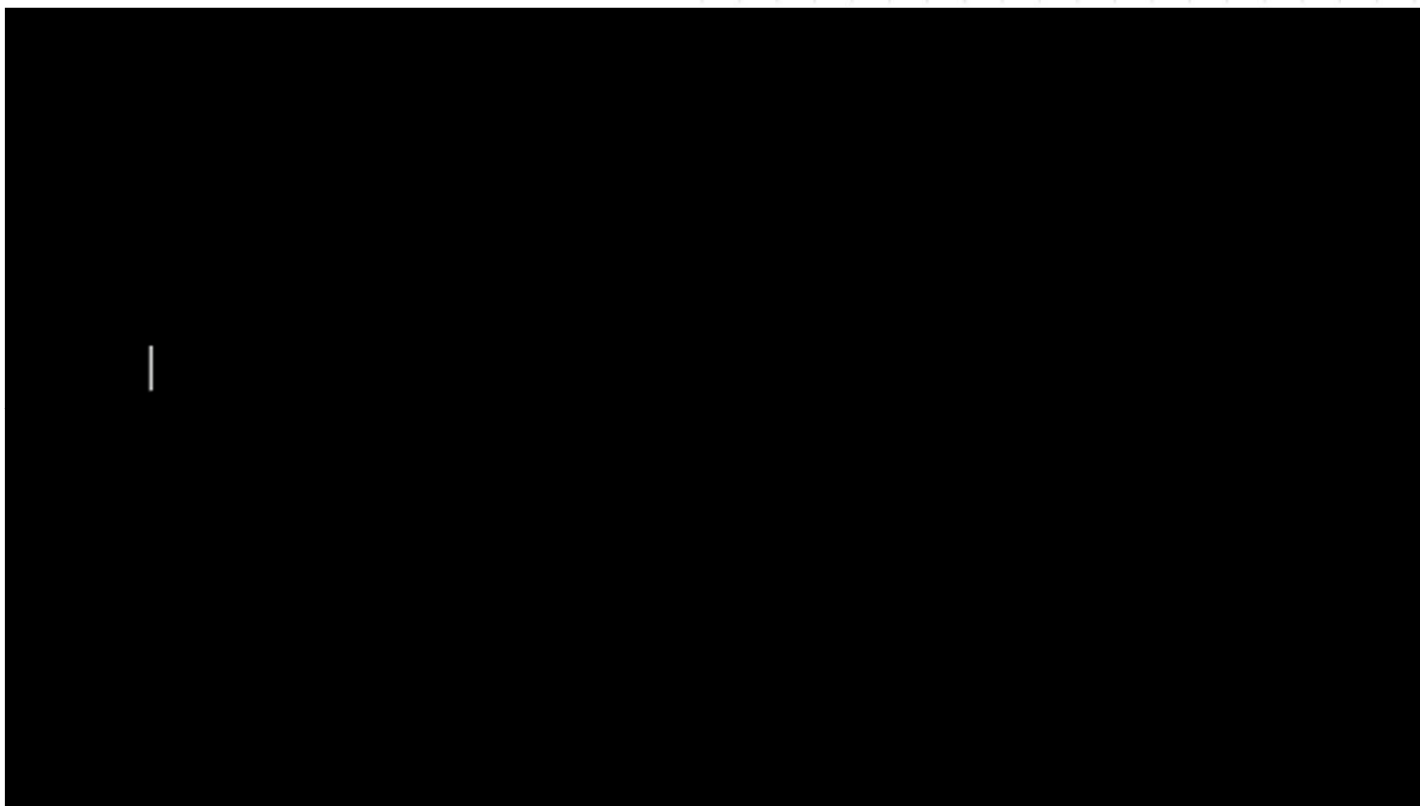


2018 IGNSS Conference | Michael Bruno | Trimble Inc

Alloy Intro

Trimble RTN Overview





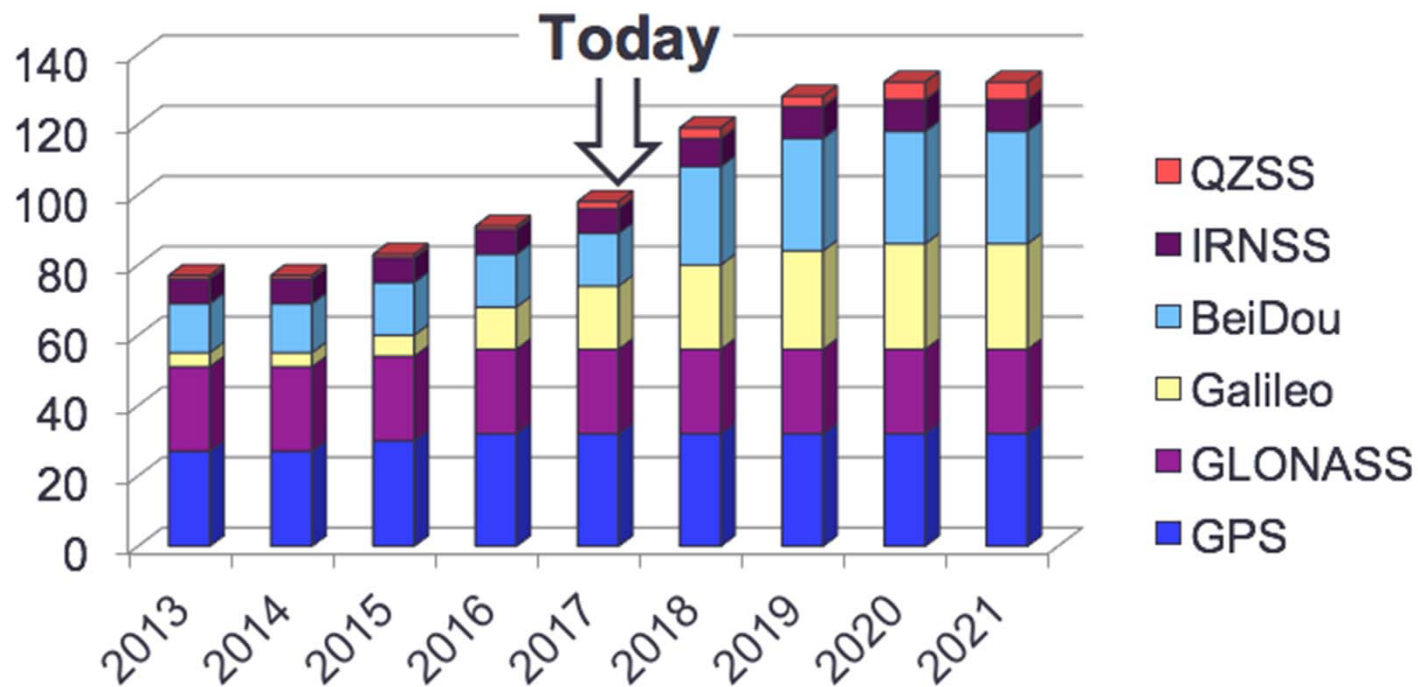
Why did we do it?

Break the mold of the NetRX Series, change the paradigm



Reset the standard in a CORS Receiver

Growth in Constellations



Problems we set out to solve

- The growing and evolving GNSS constellation
- Efficiently logging all the available GNSS data
- CORS installation, configuration, and maintenance Issues





New Dual Maxwell™ 7 GNSS Chipset

- Capable of tracking all current signals, and designed to be compatible with what the future may bring
 - GPS: L1 C/A, L2E (L2P), L2C, L5
 - GLONASS: L1 C/A2 and unencrypted P code, L2 C/A and unencrypted P code, L3 CDMA
 - Galileo: L1 CBOC, E5A, E5B & E5AltBOC, E6
 - BeiDou: B1, B2, B3
 - QZSS: L1 C/A, L1C, L1 SAIF, L1S3 , L2C, L5, LEX/L64
 - IRNSS: L5, S-Band
 - SBAS: L1 C/A (EGNOS/MSAS), L1 C/A and L5 (WAAS)
 - L-Band: OmniSTAR VBS, HP and XP

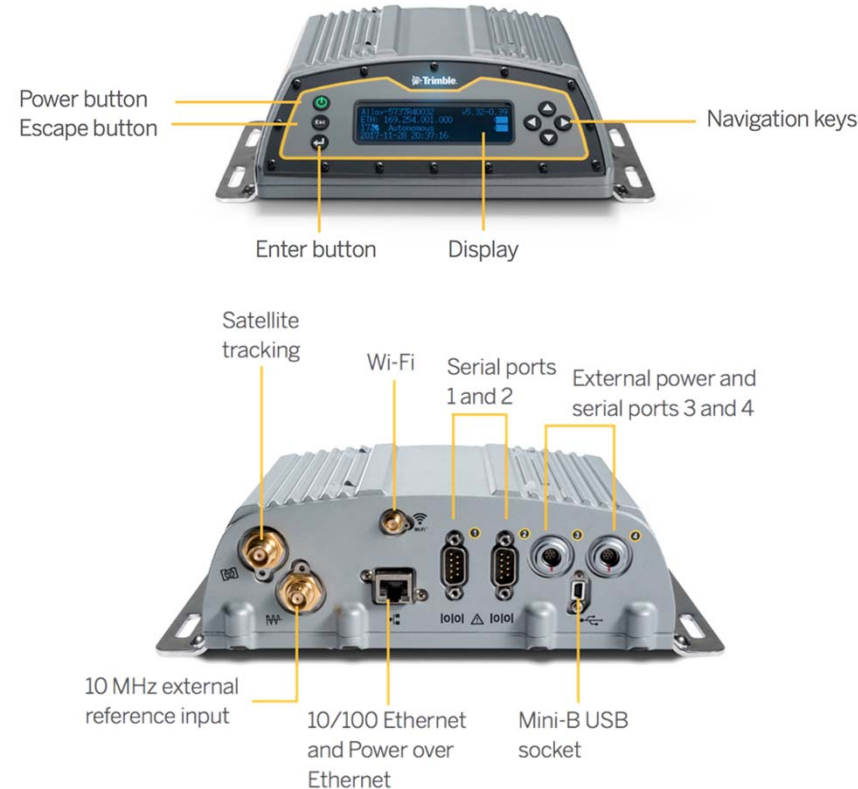
Next Generation Processing Power

- Log data at up to 100hz
- 12 concurrent sessions
- Max combined sessions data rate +180hz
- Up to 24GB internal memory
- 1TB external memory



Intelligent Design

- Tilted 4 line OLED display
- Multiple power input options
- Dual hot swappable batteries
- Flexible I/O connections
- Trimble Sentry w/ Trimble RTX





Conclusion



- All new, improved design - most versatile, ergonomic CORS receiver on the market
- Industry leading GNSS tracking with dual Maxwell 7 chipsets
- Powerful processor enables high data rates
- Trimble RTX capable