New Time Services Available from Orolia

The Global Leader in Resilient PNT

Providing the world's most critical applications real-time, accurate, reliable positioning, navigation, and timing data.

Safety, Security and Reliability

MISSION CRITICAL APPLICATIONS

Orolia delivers Resilient PNT with a broad suite of solutions for every operating environment.

Aerospace

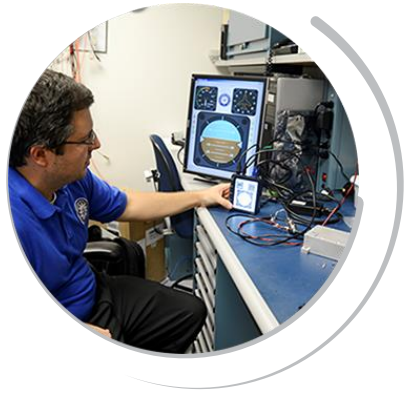
Defense

Critical Infrastructure

Data Centers & Financial

Maritime

Broadcast & Telecom



Test & Measurement

Emergency Services

PROFESSIONAL SERVICES

- Timing Network Design & Deployment Planning
- Application Engineering Hours
- Product Training
- Technology Training
- Onsite Turn-Up and Configuration
- Interference Testing
- Vulnerability Testing & Security Assessment

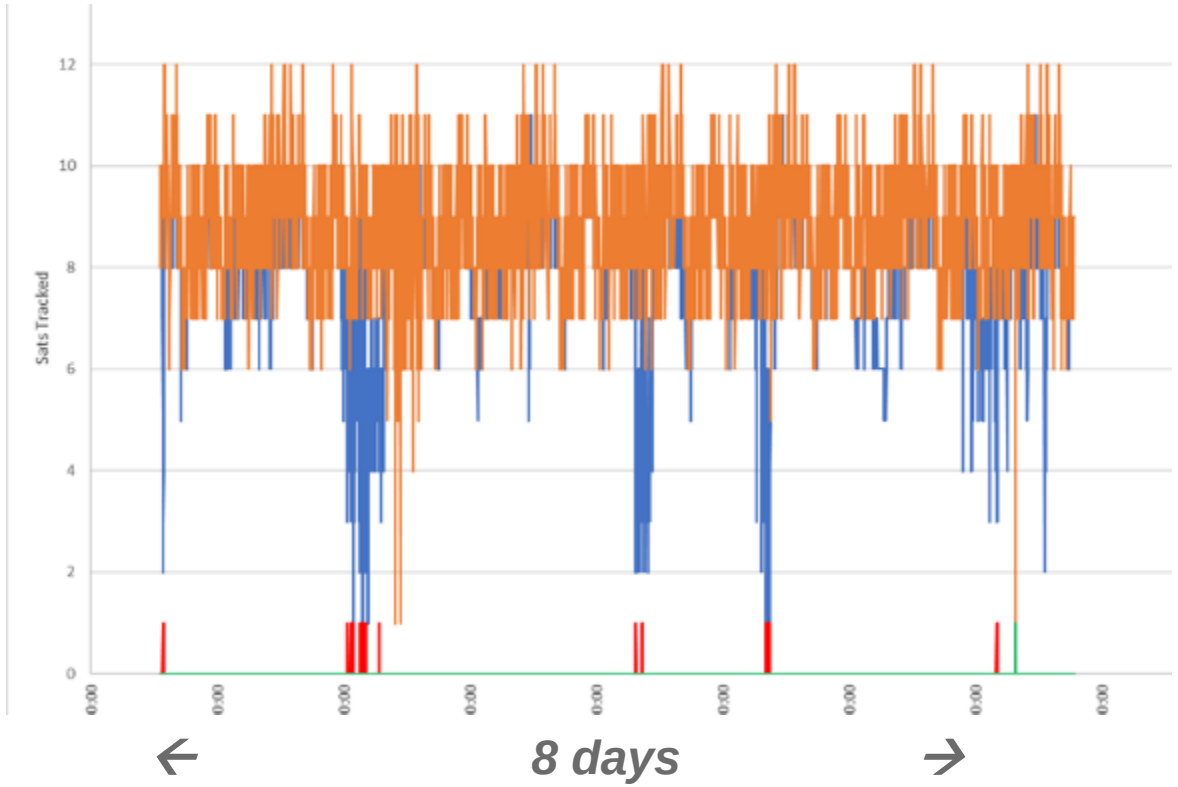
JAMMING/SPOOFING IN THE REAL WORLD

Two GNSS Time Servers with internal Rb Holdover oscillators: Side by side, one with Standard Antenna; the other with AJ Antenna

Experiencing suspected “Privacy Jammer” interference – next to a trucking company

AJ Antenna drastically reduced GNSS dropout (Holdover Events) over a one-week period

	Standard Antenna	AJ Conical Antenna
Holdover events	40	4
Total time in Holdover	1 hour 32 minutes	41 seconds
Longest holdover event	14 minutes 26 seconds	17 seconds
Average holdover event	2 minutes 18 seconds	10 seconds
Satellite alarms	31	2



Not STAC Benchmarks

THREATBLOCKER

- Small SWaP-C (Size, Weight, Power and Cost)
- Suppresses jamming signals
- Cuts downstream RF when spoofing is detected
- Fits in-line with legacy and modernized systems
- Enables operations in GPS degraded and denied environments

GPS Jamming and Spoofing Protection Device

TIME AS A SERVICE

Partnership between NexGen Networks and Orolia

- Full UTC traceability to meet regulations
- PTP, NTP, 1PPS (more coming soon)
- Protected by industry leading anti-jamming and spoofing technologies
- All primary US venues
- APAC coming soon – let us know where you need it

NexGen™ NETWORKS

orolia

www.orolia.com