

# PNT

## Positioning, Navigation, and Timing

LinQuest has more than 60 experienced engineers, analysts, and software developers supporting key military and civil GPS acquisition, integration, test, and operations programs, providing unbiased and objective PNT expertise across multiple domains.

### GPS Directorate Systems Engineering & Integration

- Space Segment: GPS Block II/IIF/III
- Ground Segment: OCS, AEP, OCX
- Requirements, specifications, and ICDs
- Test planning and integration
- System protection
- Global Navigation Satellite System (GNSS) Modeling, Simulation, and Analysis (MS&A)
- Transition to operations

### GPS Operations Center

- 24/7/365 operations support to military/civil communities
- System performance monitoring, analysis, and reporting
- EMI/RFI monitoring and mitigation
- Accuracy prediction and post-assessment
- Mission planning and anomaly resolution
- Mission performance and effectiveness analysis

### Air Force Research Laboratory

- PNT/sensor reference system MS&A
- C4ISR/networked sensors mission analysis
- Atmospheric effects analysis
- Advanced GNSS user equipment concepts analysis
- GPS virtual flight test RF environment

### SPAWAR PMW/A-170

- Requirements, specifications, and ICDs
- Test planning
- Integration
- Logistics
- Risk management

LinQuest combines our OCI-free PNT domain expertise with our MS&A tools and process discipline to support warfighter and civil user needs through the GPS enterprise life-cycle.

