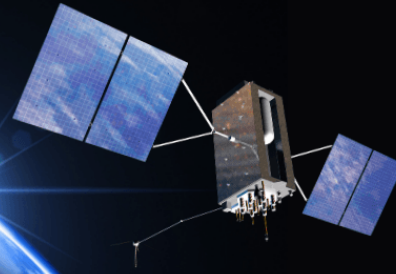


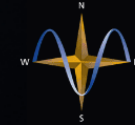
PNT LEADERSHIP SUMMIT 2026

National Core PNT: What, Who & How?

Monday, September 14 | 8:15 AM – 1:30 PM
Hyatt Regency Grand Cypress Resort | Orlando, FL USA



Hosted By:



RESILIENT
NAVIGATION
and TIMING
FOUNDATION



CORE-PNT

Coordinated Operational Resilient Essential – Positioning, Navigation, and Timing
"Resilient by Design. Trusted by the Nation."

A Collaborative Public – Private Effort

Last Updated: 22 July 2026

THE CHALLENGE

America's critical infrastructure — power grids, financial networks, telecommunications, transportation, and emergency services — relies on GPS-based Positioning, Navigation, and Timing (PNT) services for synchronization, navigation, and operational coordination. GPS signals, however, are low-power, open source, and increasingly vulnerable to jamming, spoofing, and other accidental and adversarial interference. A disruption to GPS can cascade across all sixteen critical infrastructure sectors simultaneously, threatening trillions of dollars in daily economic activity and national security.

THE SOLUTION — CORE-PNT

CORE-PNT is a coordinated national program establishing resilient, multi-source PNT capabilities to support U.S. critical infrastructure and mission-essential functions. CORE-PNT unifies federal and private leadership, industry standards, conformance frameworks, and

technology investment into a coherent national resilience architecture — ensuring that when GPS is degraded or denied, critical operations continue without interruption.

POLICY FOUNDATION

1. **Directed and Authorized by P.L. 115-282 December 4, 2018; Sec. 514** - *“National Timing Resilience and Security Act of 2018”*
 - a. ***Directs*** - “Secretary of Transportation shall provide for the establishment, sustainment, and operation of a land based, resilient, and reliable alternative timing system...”
 - b. ***Authorizes*** - “The Secretary of Transportation may enter into a cooperative agreement (as that term is described in section 6305 of title 31) with an entity upon such terms and conditions as the Secretary of Transportation determines will fulfill the purpose and requirements of this section and be in the public interest.”
2. **Authorized under Executive Order 13905, 12 Feb 2020** — *“Strengthening National Resilience Through Responsible Use of Positioning, Navigation, and Timing Services”* — CORE-PNT operationalizes the national mandate for resilient PNT across civil infrastructure, aligned with **DHS, DOT, CISA, and DOD** priorities.
3. **Instructed by Space Policy Directive 7, 15 Jan 2021** – *“The United States Space-Based Positioning, Navigation, and Timing Policy”* CORE-PNT implements “appropriate alternatives sources of PNT for critical infrastructure, key resources, and mission-essential functions.”

KEY CAPABILITIES

- **Vulnerability Assessment:** Systematic identification of GPS dependency gaps across all sixteen critical infrastructure sectors, and essential mission providing risk profiles and remediation roadmaps.
- **Multi-Source PNT Architecture:** Deployment and integration of complementary PNT technologies — terrestrial, inertial, and alternative GNSS — layered with GPS to eliminate single-point-of-failure risk.
- **Conformance Framework:** Nationally recognized standards and test vectors enabling vendor equipment and integration to meet resilient PNT performance thresholds as needed.

- **Public-Private Coordination and Cooperation:** Empowered government lead agent ensuring a unified federal effort and coordinating with industry and other non-government stakeholders to translate policy mandates into operational implementation.

MESSAGING PILLARS

1. **National Security & Safety** — PNT resilience is a national security imperative, not a technical nicety.
2. **Critical Infrastructure Protection** — All sixteen sectors depend on reliable PNT; CORE-PNT closes their vulnerabilities.
3. **Multi-Source Architecture** — No single signal should be a single point of failure for national infrastructure or commercial mission essential functions.
4. **Federal Leadership & Coordination** — Empowered lead agent speaks with one coordinated voice across the federal PNT enterprise.
5. **Industry Partnership** — Resilience scales through industry adoption of conformance standards and complementary technologies.