



ELECTRONICS & DEFENSE

DEFENSE OVERVIEW

 **SAFRAN**

Safran Defense Overview

About us

Safran Assured Positioning, Navigation and Timing (PNT) solutions for the world's most critical defense and security applications – even in GPS denied environments.

End-to-End Assured PNT Defense Platform

Safran supplies Resilient Position, Navigation and Timing (PNT) solutions across multiple mission critical programs for defense and federal government. As a global leader in PNT technologies, we understand the need to maintain continuous operations in harsh and contested environments, and we are committed to ensuring that military forces have precise, reliable and rugged PNT solutions.

Assured PNT: Mitigate the Threat

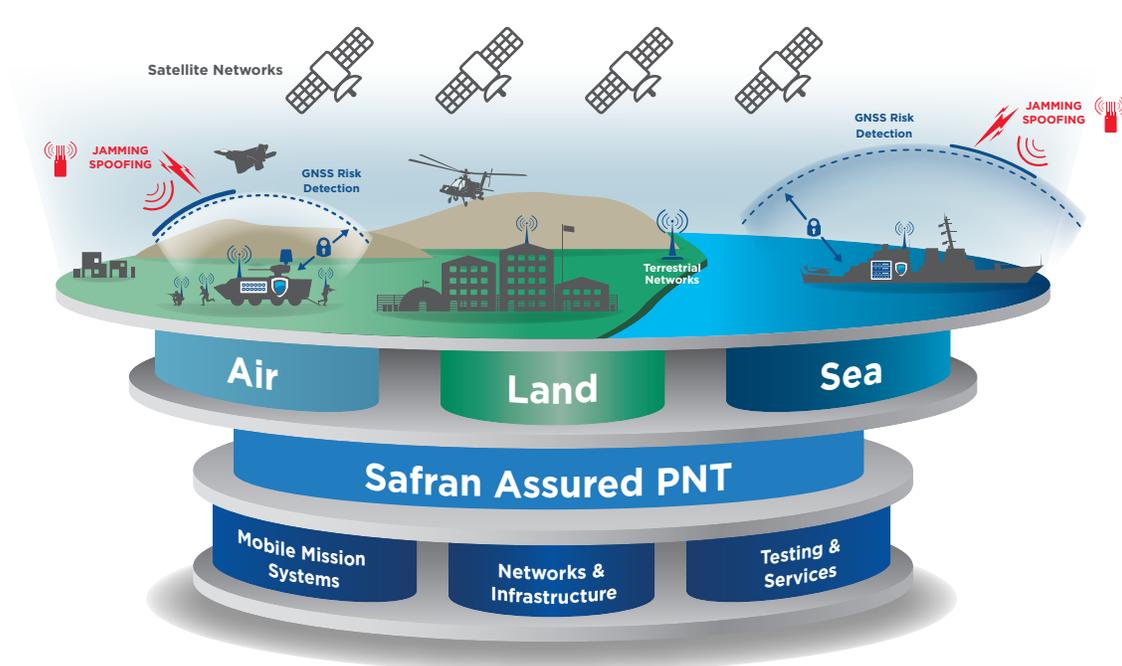
Today's military forces rely on continuous and accurate Positioning, Navigation and Timing (PNT) signals to provide leaders with actionable information to make timely and effective decisions, even in GPS denied environments. As GPS and other GNSS signals become ubiquitous in defense operations, threats to the availability and integrity of these signals are growing.

Threats to GPS affect numerous military defense systems, all of which rely on trusted GPS for PNT. Whether from unintentional interference, or intentional jamming and spoofing, the need for continuous, trusted PNT data has prompted military forces to detect and mitigate these battlefield threats.

The Safran PNT

From dismounted warfighters to vehicles, military systems and command and control centers, Safran's PNT technology ensures armed forces have the situational awareness data needed for rapid, informed decision making in all conditions. Our elite team of former military leaders, technology innovators and renowned engineers continues to lead the way forward for defense readiness and resiliency in the face of growing threats to GNSS signals. PNT is the core of what we do at Safran, with a comprehensive end-to-end suite of Assured PNT solutions trusted for continuity of operations, even in GPS denied environments. Our proven history of Assured PNT has ensured mission success and saved lives in over 100 countries for over 70 years.

Advantage Scalable, Modular, Cost-Effective PNT for Every Mission Requirement



Safety, Security and Reliability for Rugged Military Operations

Safran offers an affordable, bolt-on approach to Assured PNT with a flexible, open architecture that can integrate easily with any legacy system. Our layered platform increases security on a flexible scale to meet specific requirements without over-engineering a solution that is complex, expensive and difficult to maintain. Protect your military operations in GPS denied environments with the most comprehensive solution available today from the global experts in PNT technologies.

Mission areas

Mobile Mission Systems

Rugged, mounted timing, frequency and position systems with dismounted wearable devices to provide virtually failsafe PNT data.



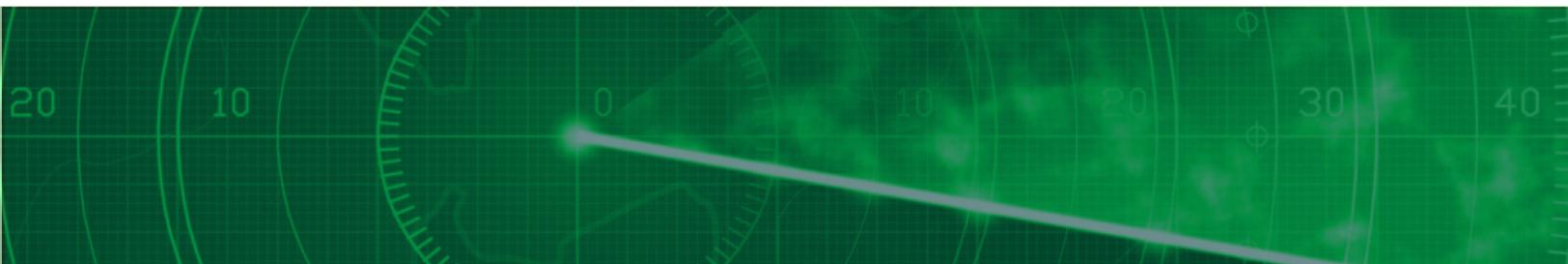
Networks and Infrastructure

High precision time servers and anti-jamming/spoofing detection software to synchronize critical networks and infrastructure operations while protecting system integrity.



Testing and Services

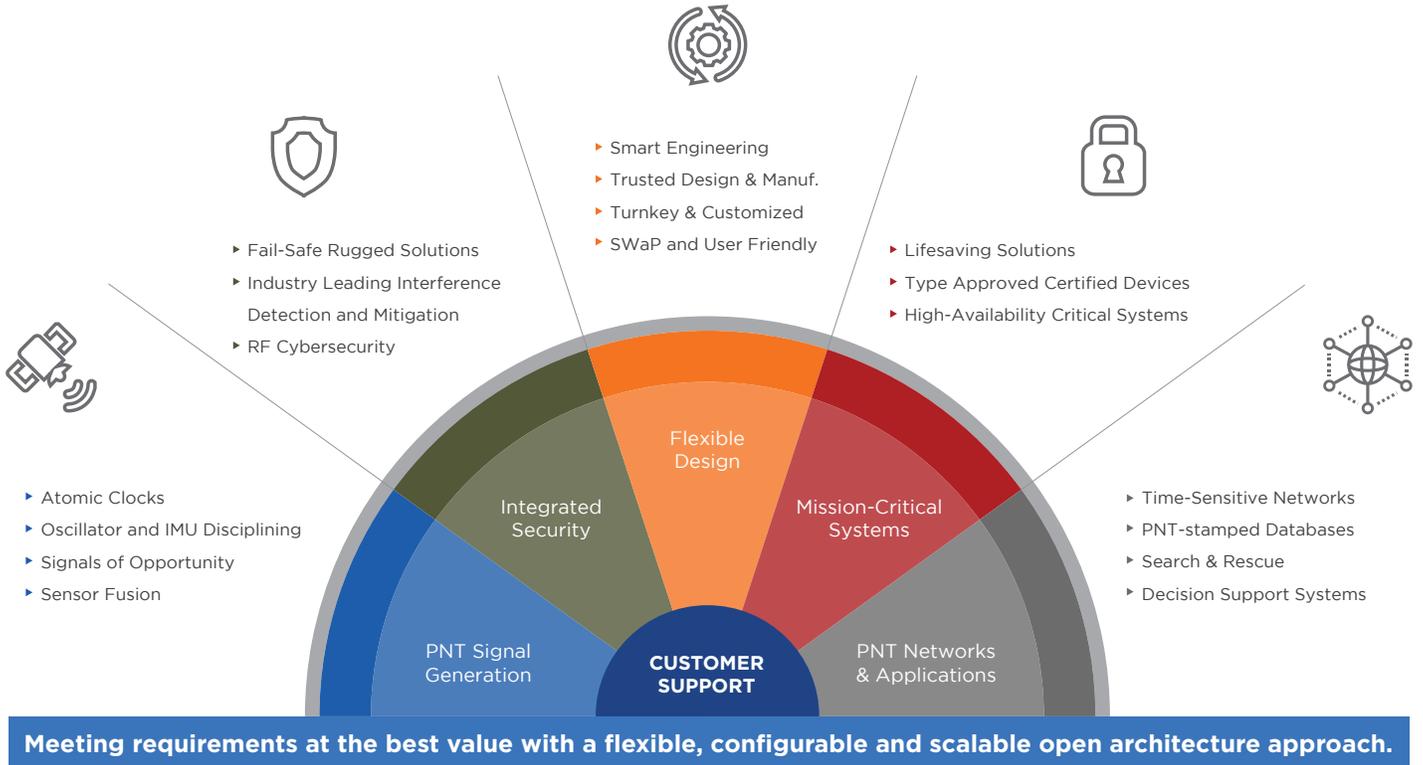
GNSS vulnerability testing and sophisticated multi-constellation simulation solutions for the confident deployment of battlefield systems.



About Safran

Safran is the world leader in resilient positioning, navigation and timing (PNT) solutions that improve the reliability, performance and safety of critical, remote or high-risk operations, even in GPS denied environments. With locations in more than 100 countries, Safran provides virtually failsafe GPS/GNSS and PNT solutions to support military and commercial applications worldwide. Safran is proud to be a trusted partner to NATO and allied forces.

Safran PNT Capabilities



Proven Performance

The world's most PNT-reliant systems trust Safran



safran-navigation-timing.com

