



Army approves first “Assured PNT” requirement

Huntsville, AL – The Assured Positioning, Navigation and Timing Cross-Functional Team (APNT CFT) announced the approval of the Mounted Assured PNT System (MAPS) Capability Development Document (CDD) today – the Army’s first ever PNT requirement. This will lead the way for the establishment of an Army Program of Record (PoR) to develop and field an enduring advanced PNT capability to the warfighter.

MAPS simplifies the Army’s mounted PNT capability by distributing PNT data to multiple systems, eliminating the need for multiple global positioning system (GPS) devices on a single platform, while allowing multiple users to access an assured GPS signal, and other sources of PNT, from one central point.

This new PNT capability is paired with an anti-jam antenna system, allowing Soldiers to operate in GPS contested environments, giving warfighters better anti-spoof and anti-jam capabilities than ever before.

“Getting this requirement written and approved was truly a team effort,” said Mr. Willie Nelson, Director for the APNT CFT. “Throughout the requirement approval process, our priority was to ensure that our Soldiers get the capabilities and systems they need to operate successfully on the battlefield. Our ability to streamline and expedite the requirement process is a success story for the Army’s Modernization Strategy, getting advanced, modernized technologies to our Soldiers rapidly.” He further emphasized that this is “A big deal for the DoD PNT community.”

The APNT CFT coordinated with organizations across the modernization enterprise including Army Futures Command (AFC), the Assistant Secretary of the Army for Acquisition, Logistics, and Technology (ASA(ALT)), Army Training and Doctrine Command (TRADOC), G3/5/7, G8, and the Program Executive Office Intelligence Electronic Warfare & Sensors (PEO IEW&S). Two organizations that were heavily involved and played a significant role in developing and finalizing the MAPS CDD were the Army Capability Manager for Tactical Radio and the Project Manager for Positioning, Navigation and Timing (PM PNT).

“I’m convinced that the Army Futures Command structure and vision for Soldier Centered Design will lead to the U.S. Army’s continued dominance on the modern battlefield,” exclaimed Col. Nick Kioutas, the Project Manager for PNT. “The level of collaboration my team experienced over the past two years in bringing this capability to the Soldier is unprecedented.” Kioutas added, “Reducing the level of bureaucracy and layers of process has proven to be effective and results focused.”

In 2019, the Army equipped 60+ Stryker vehicles with MAPS Generation I in U.S. Army Europe (USAREUR). Soldiers with the 2nd Cavalry Division were trained on how to use the new capability and continue to provide PM PNT feedback on the equipment for further enhancement.

PM PNT is currently testing vendor prototypes and will select the next generation device for final development and production. MAPS is expected to continue fielding through 2028 and will take place in USAREUR and U.S. Army Pacific (USARPAC). The APNT CFT Military-Code (M-Mode) Task Force is also working to rapidly field M-Code to a significant number of platforms across the Army land domain.

For more information, go to <https://www.army.mil/futures>, <https://armyfuturescommand.com/apnt/>, <https://www.pmpnt.army.mil> or <https://www.army.mil/futures#org-about>.

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