

# Military Briefings on GPS and NTS-3 To Be Presented at Military PNT 2020

*Smi reports: Taking place in London on 18th - 19th May 2020, Military PNT will feature two briefings from the US Air Force dedicated to GPS and NTS-3.*

LONDON, UNITED KINGDOM, January 27, 2020 /EINPresswire.com/ -- As the NTS-3 program is scheduled to launch in 2022, it will provide a software defined approach to GNSS - meaning it can be reprogrammed to change its entire mission while in orbit, offering commanders greater flexibility in asset utilisation for mission sets. This technology will provide warfighters with a unique advantage and augment GPS with advanced and persistent capabilities, enhancing the resilience of PNT.

With this in mind, SMi Group are delighted to host the [Military PNT conference](#), where delegates can expect to uncover more about the NTS-3 programme and the future of US PNT. [The conference](#), which will convene in London on the 18th-19th May 2020, will feature two briefings from the US Air Force dedicated to GPS and NTS-3:



## 1) GPS: The Backbone of US PNT Capability

- An introduction to GPS: providing navigational data to the warfighter
- Ensuring passive all-weather operations: work of the 2nd Space Operations Squadron
- Cryptology and secured access: cyber considerations for robust PNT provision
- C2 for mission sets for GPS: improving signal accuracy

Presented by Lieutenant Colonel Stephen Toth, Commander, 2nd Space Operations Squadron, US Air Force

## 2) NTS-3: Pointing the Way to the Next Generation of Satellite Navigation

- Challenges to current space-based PNT: warfighter realities in GPS degraded and denied environments
- Diversifying PNT architecture around GPS to build unbreakable resilience
- How NTS-3 and future iterations can augment GPS with advanced and persistent capabilities
- NTS-3's approach to agility and on-orbit reprogrammability

- How results from the NTS-3 demonstration will transition to future programme developments

Presented by Mr Arlen Biersgreen, Program Manager, Navigation Technology Satellite 3 (NTS-3), AFRL, US Air Force

The conference aims to cover satellite navigation technology in depth, highlighting a diverse range of topics such as PNT resilience, legal frameworks, case study analysis on GNSS outages, warfighter navigation requirements, and more. Not only this, delegates can expect to meet and network with senior military and industry leaders within the field.

The event brochure with the full agenda and speaker line-up is available to download from the website; those interested in attending can register now to claim their £400 early bird discount: <http://www.militarypnt.com/einpr2>

Military PNT Conference  
18th – 19th May 2020  
London, UK  
Gold Sponsor: Lockheed Martin

To sponsor or exhibit at the conference, please contact Alia Malick on +44 (0) 207 827 6748 or [amalick@smi-online.co.uk](mailto:amalick@smi-online.co.uk)  
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#### About SMi Group:

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