

NAVIGATING PNT FOR CRITICAL INFRASTRUCTURE RESILIENCE & SECURITY

CHALLENGES FOR CRITICAL INFRASTRUCTURE

Do your operations depend on Positioning, Navigation, or Timing (PNT) services?

Without PNT, how long would it take to restore your normal operations?

Do you have a back-up plan?

PNT is a fundamental to the continued operation of critical infrastructure assets in energy, telecommunications, finance and many other industries.

However, many organisations are not fully aware of how deep reliance on PNT may impact critical infrastructure. GNSS systems such as GPS are often relied upon as a sole provider of PNT services, without comprehensive understanding of their vulnerabilities.

Emerging technologies are addressing these vulnerabilities, but are yet to find widespread adoption in critical infrastructure. The potential for disruptions to PNT services should be considered as a material risk under the Security of Critical Infrastructure Act 2018. PNT service reliance should be considered as a risk to cyber security, and addressed accordingly.

HOW WE CAN HELP

FrontierSI's team of experts will work with you to undertake a robust assessment of PNT vulnerabilities.

Our team will provide advice on immediate and future mitigation strategies to suit your operational requirements.

As a nonprofit research organisation, FrontierSI is not aligned with any vendor solutions, giving us the freedom to provide independent and unbiased recommendations and solutions.

We will work with critical infrastructure operators and network managers to better understand PNT disruptions, informing robust compliance and strategic decision-making.

Through collaboration with advisory agencies, we will contribute to delivering more comprehensive risk assessment services.

With cyber security providers, we will raise awareness of how PNT risks constitute cyber risks, and help to strengthen security solutions.

GET IN TOUCH

Reach out today for a no-obligation conversation and learn more about how we can help you.

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