



Alliance for private networks

Insights Newsletter Q1 2025

Latest Updates from the Alliance for Private Networks

As the year has gotten underway, the Alliance for private networks has participated in a number of industry events, sharing the benefits of private networks to address the unique business demands across verticals. Alliance representatives have been meeting with industry representatives interested in the resources and tools we provide to help simplify the private network deployment process. Additionally, we've had several enthusiastic conversations with decision-makers eager to learn more about general private network applications in their environments.

During the "How to Deploy a Private Network for Autonomous Technologies & Robotics" presentation at **XPONENTIAL Europe**, Thomas Eder, Head of Embedded Wireless from **Nokia**, shared best practices for private network deployment and explored the various benefits, including efficiency, reliability, and security enhancements for smart technology and automation systems.

In San Francisco, Alliance representatives met with attendees at the **World Agri-Tech Innovation Summit** to demonstrate the essential benefits of private networks for rural and remote applications. Booth visitors explored the potential of private networks for enhancing coverage, reliability and accessibility - especially for newer agriculture technologies that demand more responsiveness.

Most recently, the Alliance was in Hannover, Germany demonstrating private network applications for manufacturing environments. Alliance representative Rolf Albrecht, Enterprise Head of Private Wireless Europe from **Nokia**, shared how the use of private networks improves coverage, reliability, worker safety and more in bustling manufacturing facilities.

Our work toward enhancing the available **tools** for industry verticals seeking to deploy an optimized and effective 5G private network continues. Currently, Alliance members can access updated tools and white papers which will be made available to the public at a later date.

Follow along and hear about the latest activities the Alliance is undertaking and discover the benefits of private networks across industry verticals, including utilities, mining, manufacturing, ports, agriculture and more, by reading our **blog**.

We hope you will continue to engage with us via social media, including **LinkedIn**, **X**, and

YouTube, where we highlight the latest resources and tools that our organization provides.

Wishing you a pleasant Spring season!

Valuable Resources at your disposal

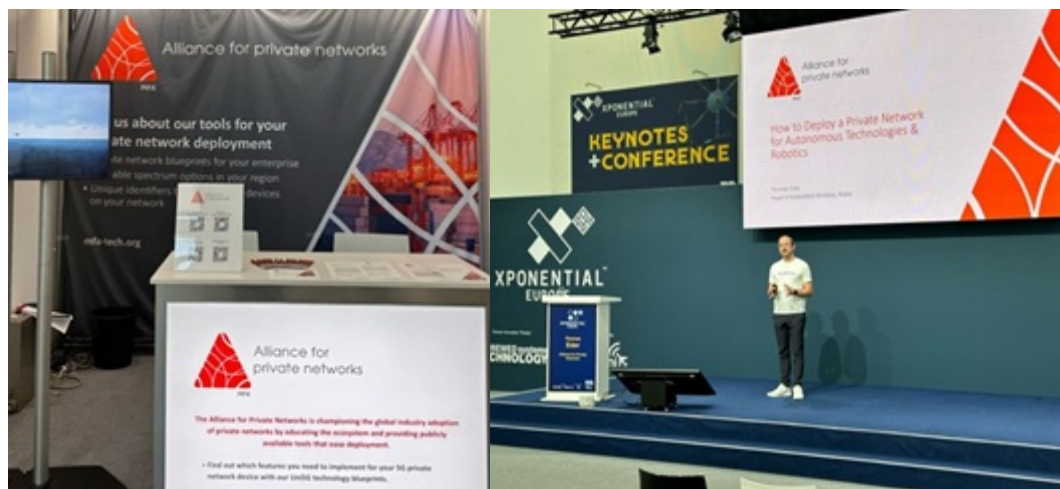


- **Website**
- **Blogs**
- **White Papers**

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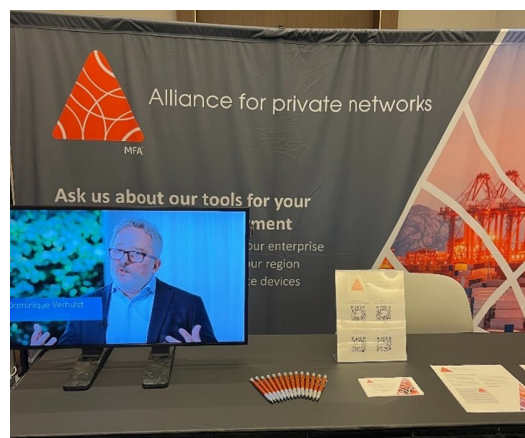


RECENT EVENTS



XPONENTIAL Europe, February 18 – 20, 2025, Dusseldorf, Germany

- During XPONENTIAL Europe, the Alliance demonstrated the benefits of private networks for autonomous systems, autonomous mobility, and robotics, sharing how cutting-edge technologies in autonomous mobility, robotics, and AI can benefit. Our expert representative Thomas Eder, Head of Embedded Wireless at Nokia, is seen here presenting methods for deploying a private network.



World Agri-Tech Innovation Summit, March 11 – 12, San Francisco, CA

- At the World Agri-Tech Innovation Summit, the Alliance shared the benefits of private networks in agricultural and rural environments, meeting with senior decision-makers

across the agri-food industry to highlight how private networks can support much-needed reliable connectivity in remote locations.



Hannover Messe, March 31 – April 4, 2025, Hannover, Germany

- The Alliance exhibited and presented at Hannover Messe in the 5G and Industrial Wireless Arena promoting the benefits of private networks for manufacturing facilities and highlighting deployment examples.

UPCOMING EVENTS

ConnectX, May 12 – 14, 2025, Chicago, IL

- ConnectX will showcase the leaders in 5G infrastructure, highlighting innovative technology that enables ubiquitous communications between people, devices, machines and tools. Stay tuned for more information on the Alliance's activities at the event.



XPONENTIAL Houston, May 19 – 22, Houston, TX

- The Alliance is looking forward to highlighting the benefits of private networks for autonomous systems, autonomous mobility, and robotics. Meet with us in booth 4104 to discover the key benefits of private networks for cutting-edge technologies in autonomous mobility, robotics, and AI.

**Schedule a
Meeting**

Smart Manufacturing & Engineering Week, June 4 – 5, 2025, Birmingham, UK

- The Smart Manufacturing Week event will feature a series of digital and live events demonstrating end-to-end manufacturing & engineering solutions. The Alliance is excited to showcase how private networks can benefit the manufacturing vertical. Stay tuned for an update on our event activities.

RESOURCES

Blogs & Papers

- [Top 3 Benefits of Private Networks for the Port Industry](#) – Blog
- [Highlighting the Benefits of Private Networks for Industry Verticals](#) – Blog
- [Exploring private networks in autonomous technologies & robotics at XPONENTIAL Europe 2025](#) - Blog
- [The Alliance For Private Networks: Easing The Private Cellular Networking Journey - Moor Insights & Strategy](#) – White Paper



Uni5G™

Visit our website to
download the Uni5G
technology blueprints

Uni5G Technology Blueprints

- The Uni5G technology blueprints leverage 3GPP 5G standards to define profiling and classification requirements for private network deployments, helping industry verticals easily deploy an optimized, reliable, and secure 5G private network in any spectrum. Visit our [website](#) to download the blueprints.

Spectrum Map

- Visit the Alliance [website](#) to find our Spectrum map, which highlights global licensed and unlicensed spectrum options capable of addressing use cases across industry verticals.

Shared PLMN-ID: The Ideal Solution for Your Private Network Deployment

- The Alliance's shared Public Land Mobile Network ID (PLMN-ID) enables enterprises and small businesses to plan and deploy a secure and efficient 5G private network in locally licensed spectrum capable of addressing business needs. Download the [PLMN-ID white paper](#) on our website.

Download the PLMN-ID

Read the Blog

GSA's Private Mobile Networks: Quarterly Report Highlights

- The **Private Mobile Networks: Quarterly Report Highlights**, developed by liaison partner **GSA**, explores the private network market including recent market trends and applications across industry verticals, such as manufacturing, distribution & logistics, oil & gas, mining and more. Visit our website to read the report and learn about the capacity and coverage advantages across industry verticals with a reliable private network.

[Download the Report](#)

Follow the Alliance on Social Media

- The Alliance for private networks regularly posts updates on our **LinkedIn** and **X** channels. Make sure to follow us to receive the latest private network deployment content and for news about our upcoming events and announcements.



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