



Insights Newsletter Q2 2024

Welcome to the Insights Newsletter!

Reporting in after a particularly active quarter during which the Alliance attended the **Smart Factory Expo**, part of Smart Manufacturing and Engineering Week in Birmingham, UK. Sentiments from the well-attended event included a strong focus on modern manufacturing equipment and AI applications in the factory. We were well-positioned to highlight the resources our organization provides for 5G private network deployments in factory applications as well as the importance of 5G private networks for enabling modern manufacturing equipment to meet the needs and address use cases in manufacturing facilities. Booth visitors learned about the capabilities of private networks to support smart factory applications, including AR / VR technology and automated manufacturing technology. Attendees were also inquiring about key use cases such as worker safety and equipment connectivity benefits resulting from private wireless network deployment. We were pleased to have Carlijn Williams – Global Head of Marketing Enterprise Campus Edge from member company **Nokia** – present the Alliance's goal of championing the global industry adoption of private networks, showcasing several use cases and customer references.

During **Hannover Messe 2024**, Alliance representatives once again participated in the 5G Arena, sharing the free resources and tools the Alliance has developed. Event attendees visited our kiosk to discuss the unique challenges that private networks help address in manufacturing applications, including worker safety and connectivity as well as automation enhancements, such as connected manufacturing robots and AGVs. Many attendees also noted the importance of 5G private networks for other industries, including ports and mining applications, where network reliability and connectivity are essential. Asimakis Kokkos, Alliance Technical Specification Group Chair and Head of Technology Ecosystems at Nokia, presented specific enterprise use cases during the event. You can view his presentation recording on the Hannover Messe **website**.

On-demand webinar available

The Alliance, in partnership with **RCR Wireless**, hosted the “**Why should your enterprise deploy a private network?**” webinar to highlight the advantages of private networks, including improved capacity, control, security, and coverage, for enterprise applications. We invite you to watch the webinar on-demand on the RCR Wireless **website**.

Next up, we look forward to connecting with port industry members at the **Smart Digital Ports of the Future Conference 2024**, taking place in Rotterdam, Netherlands on September 24 & 25. Attendees are invited to visit the Alliance kiosk to better understand the benefits of a private network in port environments. Alliance representatives will be on-site to explain private network enablement for automated processes, improved security features, and a variety of other port examples. If you are planning to attend the event, we

encourage you to [schedule a meeting with Alliance representatives](#).

We continue to develop and enhance our [resources](#) and tools that help industry verticals efficiently deploy an optimized and effective 5G private network capable of addressing their needs, including our Uni5G technology blueprints and Network Identifier Program. Additionally, we continue to update our spectrum map – available on the Alliance [website](#) – to help industry verticals discover available spectrum in their region. Our organization is hard at work, developing additional implementation and educational materials that will enable an expanded set of use cases so stay tuned for coming updates.

Hoping you enjoy the remainder of the summer season!

Valuable Resources at Your Disposal



- [Website](#)
- [Blogs](#)
- [White Papers](#)

Stay Connected with the Alliance



RECENT EVENTS



[Hannover Messe](#) - April 22 – 26, 2024 - Hannover, Germany

- In April, the Alliance spoke with event attendees in the 5G and Industrial Wireless arena during Hannover Messe about the benefits of private networks and the use cases for the manufacturing industry. View our [“Best practices to deploy a 5G private network”](#) presentation on-demand to learn about the tools and resources our organization provides for private network deployments.

[“Why should your enterprise deploy a private network”](#) – RCR Wireless webinar

- The Alliance for private networks was pleased to participate in an [RCR Wireless](#) hosted webinar to demonstrate the key benefits of deploying private networks across industry verticals. Watch the [webinar recording](#) to explore how our members are supporting their customer’s enterprise applications via private networks.



Smart Manufacturing & Engineering Week – June 5 – 6, 2024 – Birmingham UK

- In our booth at the Smart Factory Expo of the Smart Manufacturing & Engineering Week event, Alliance representatives shared engaging use case examples with event attendees and how the Alliance is enabling industry verticals to efficiently deploy their own optimized, reliable, and secure private network.

UPCOMING EVENTS



Smart Digital Ports of the Future – September 24 – 25, 2024 – Rotterdam, The Netherlands

- The Alliance for private networks will participate in the Smart Digital Ports of the Future conference to showcase the resources our organization provides for smart port applications. **Meet with Alliance representatives** at the event to learn more about how our deployment tools help enhance existing network capabilities with private networks.

RESOURCES

Blogs & Papers

- **RCR Wireless Webinar Recap Blog** – Blog
- **Top 3 benefits of private network deployment for the Mining Industry** – Blog
- **Demonstrating the Benefits of 5G Private Networks at Hannover Messe 2024** – Blog
- **Private Networks: A Hot Topic at MWC'24** – Blog
- **The Alliance For Private Networks: Easing The Private Cellular Networking Journey - Moor Insights & Strategy** – White Paper



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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