



## Tiami Networks 2024 Year-in-Review

As we bid farewell to 2024, Tiami Networks celebrates a year filled with milestones, innovation, and growth. From groundbreaking technology demonstrations to global partnerships, our achievements this year underscore our commitment to transforming telecommunications and integrated sensing. Here's a look back at the highlights that defined our year:

### A Standout Performance at MWC Vegas with Airspan

In October, Tiami Networks took the stage at Mobile World Congress (MWC) Vegas, delivering a cutting-edge demonstration of our PolyEdge Multifunction Sensor in collaboration with Airspan Networks. By combining our ISAC (Integrated Sensing and Communications) capabilities with Airspan's software-defined radio, we showcased a fully functional 5G network with advanced sensing for occupancy tracking. This demo not only highlighted the transformative potential of our technology but also cemented a growing partnership with Airspan for future innovations.



### Launch of Strategic Proofs of Concept (PoCs)

This year, we launched several impactful Proofs of Concept (PoCs) with key partners, illustrating the versatility of our solutions:

- Mobile Network Operators: Partnering to demonstrate enhanced sensing capabilities for 5G and beyond.
- Municipalities: Collaborating with the cities on traffic and pedestrian detection solutions using the PolyEdge sensor, with plans for future integration into city-wide systems.
- Gerald R. Ford International Airport: Successfully completing a PoC to demonstrate camera-free occupancy tracking and drone detection for aviation safety and passenger flow optimization.

These projects reflect our ability to solve critical challenges across diverse environments.

## Recognition at DT's T-Challenge

Our Generative AI solution earned us the "Most Integrational Potential Award" at the prestigious Deutsche Telekom T-Challenge. This accolade reflects the transformative impact of our AI-powered network analytics on the telecommunications industry, reaffirming our position as an innovation leader.



## Seraphim Space Accelerator

We were honored to join the Seraphim Space Accelerator, focusing on our resilient communications solutions for non-terrestrial networks. This prestigious program connects us with global leaders in aerospace and satellite communications, accelerating our progress in space-related technologies.



## Joining the AI-RAN Alliance

In 2024, we became a proud member of the AI-RAN Alliance, working alongside global leaders to advance artificial intelligence in radio access networks. This collaboration positions Tiami Networks at the forefront of AI-driven innovations for next-generation networks, including 5G and emerging 6G technologies.

## Smart Futures Lab Membership

We joined the Smart Futures Lab, a dynamic innovation hub fostering collaboration among emerging tech companies. This initiative has provided access to resources, mentorship, and networking opportunities, enabling us to refine our solutions and expand our market reach.

## Expanding Our Team and Talent

In 2024, Tiami Networks grew its team with three new hires, including our first-ever non-engineering hires, marking an important step toward diversifying our workforce. Our culture of innovation and flexibility—supporting both remote and in-office work—continues to attract top talent, positioning us for sustainable growth.

## Deepening Industry Collaborations and Partnerships

This year, we strengthened ties with key players in the industry:

- hubraum: Our ongoing collaboration with hubraum has enabled us to refine our technologies and explore new applications in the telecommunications space.
- Intel/Altera: We were honored to participate in Altera Innovators Day 2024 where we shared a



session "See with 5G: Personnel Detection and Location" showing how we use Altera Agilex FPGAs to empower PolyEdge.



## Semi-Finalist Status at U.S.-Singapore Joint Challenge

Our commitment to advancing defense capabilities was recognized as we achieved semi-finalist status in the Defense Innovation Unit (DIU)'s U.S.-Singapore Joint Challenge. This milestone underscores the value of our solutions for national security and defense applications.

## Looking Ahead: 2025 and Beyond

As we move into 2025, Tiami Networks remains focused on advancing our technologies and expanding our impact. Key initiatives include:

- Showcasing the PolyEdge Multifunction Sensor's ISAC capabilities for 6G networks during MWC Barcelona 2025.
- Strengthening partnerships with other industry players to bring innovative solutions to market.
- Continuing to deliver impactful results for municipalities, network operators, and global partners.

We are immensely proud of what we've accomplished this year and are grateful to our team, customers, and partners for their unwavering support. Together, we are redefining what's possible in telecommunications, sensing, and resilient communications. Here's to a bright and successful 2025!



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