



Tiami Networks February 2025 Newsletter



We've Expanded our Partnership with Airspan

We're pleased to announce the signing of a Memorandum of Understanding (MOU) with our friends at Airspan. This collaboration, following a successful joint demonstration at MWC Vegas, will mark a significant leap forward in advancing next-generation wireless technologies, particularly 5G-Advanced and future 6G networks!

[Read the Press Release](#)

On the Road to Barcelona!

We are headed to MWC Barcelona - starting next week on March 3rd. We still have meeting slots available if you'll be at the show and want to meet. Just reply to this email or click on the button to join us.

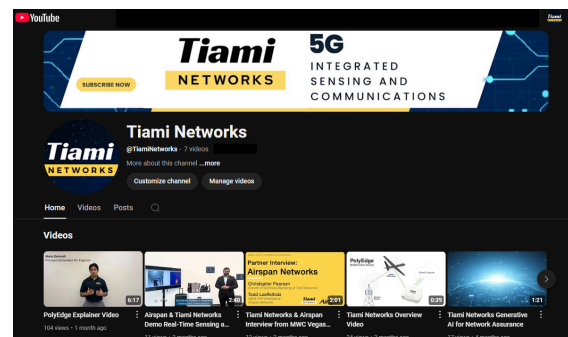
[Book an Appointment](#)



Follow Us on YouTube

All of our videos are now together in one place - on our very own YouTube channel. Check it out, give us a follow, and watch some of our videos to learn more about Tiami Networks and PolyEdge!

[Watch our Videos!](#)



Check out our Case Study with Gerald R Ford Int'l Airport

At Gerald R. Ford International Airport (GRR), we demonstrated how PolyEdge can enhance security by detecting unauthorized drones in restricted airspace, providing real-time low-altitude situational awareness without relying on cameras AND improve operational efficiency with occupancy sensing inside the terminal, helping optimize passenger flow and resource allocation.

[Read the Study](#)

The Results

Passenger Monitoring Success
The PolyEdge system monitored passenger activity at Gate A3 and the business lounge area in Concourse A without blind spots or reliance on cameras, providing actionable insights into passenger flow.

Drone Detection in No-Fly Zones
Near the WMAA, PolyEdge demonstrated reliable drone detection, offering a critical layer of airspace security for GRR.

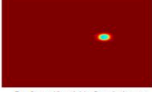
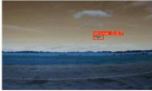
Cost Efficiency
By utilizing existing 5G infrastructure, PolyEdge significantly reduced installation and operational costs compared to traditional camera or radar-based systems.

What They're Saying

Tom Cizauskas, Business Administration Manager at GRR, shared his thoughts: "Tiami Networks' PolyEdge solution has proven to be a viable technological approach to gathering passenger statistics while protecting the privacy of our guests."

Why PolyEdge?

- **Privacy-First:** Unlike cameras, PolyEdge does not capture PII, addressing privacy concerns head-on.
- **Cost-Effective:** By utilizing existing 5G infrastructure, PolyEdge demonstrated its ability to significantly reduce installation and operational costs compared to traditional camera or radar-based systems.
- **Scalable:** PolyEdge is vendor-agnostic, working seamlessly across multiple cellular networks and frequency bands.



Top: Camera view of King Dunes in Airspace
Bottom: Corresponding PolyEdge Output

Conclusion

The successful collaboration between GRR and Tiami Networks highlights the transformative potential of 5G-based sensing technology. By addressing privacy concerns, reducing costs, and delivering reliable performance, PolyEdge sets a new standard for airport operations and safety.

To learn more about how Tiami Networks can support your organization's sensing and communications needs, visit www.tiaminetworks.com.

Say "Hi!" to our new Intern

We'd like to introduce you to our newest teammate Shammi A. Doly! She recently joined us as our Radar Signal Processing Engineer Intern. She's a very welcome addition to our team. Shammi completed her MSEE at the South Dakota School of Mines & Technology and is currently a PhD Candidate at Arizona State University.

[See the Post](#)



We're a Sustainable Cities Semi-Finalist

We're thrilled to announce that we've been selected as one of the semi-finalists in the TMFSustainableCitiesVaranasi Challenge: Innovating Crowd Flow. Over 80 innovators worldwide submitted solutions that aim to make Varanasi, India's historic old city of Kashi, safer and more accessible for all.

We will receive a \$50,000 implementation grant to develop our ISAC solution for crowd size estimation during this stage of the Challenge.



Tiami NETWORKS

SUSTAINABLE CITIES CHALLENGE: VARANASI SEMI-FINALIST

TIAMI NETWORKS INC

Tiami Networks is a B2B and B2G deep-tech startup that develops innovative solutions that addresses complex challenges in dynamic environments. Their solution uses their product PolyEdge™, which leverages signals of opportunity (SoOp), such as 5G and Wi-Fi, to provide real-time detection, tracking, and analytics to monitor and manage large-scale pedestrian and vehicular movements in real time.



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