



WIRELESS
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Second Quarter 2026 Earnings Conference Call

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Business update

Second Quarter 2026



Ticker: **PRSO** (NASDAQ)
Headquarters: *San Jose, CA*
Founded: 2008

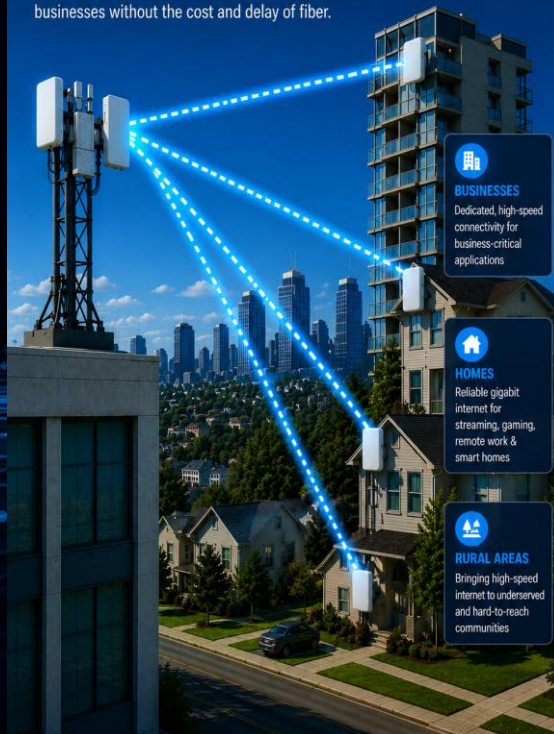
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Primary Target End Markets

60 GHz FIXED WIRELESS ACCESS (FWA)

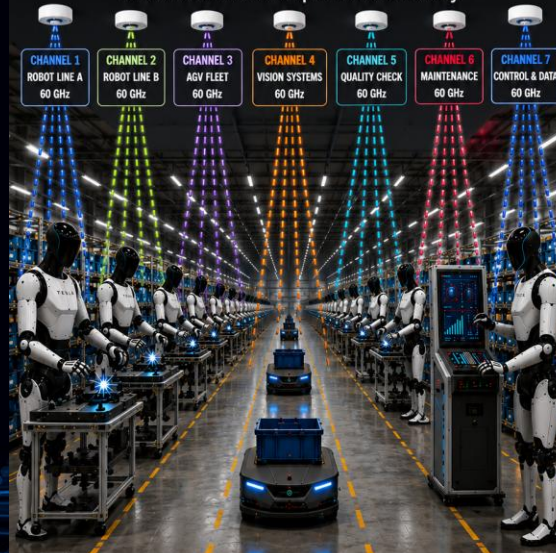
Gigabit Internet. Wireless Freedom.

Deliver blazing-fast broadband to homes and businesses without the cost and delay of fiber.



60 GHz TECHNOLOGY: MULTIPLE NETWORKS. ZERO INTERFERENCE.

Operate many high-speed wireless networks in the same space simultaneously.



MULTIPLE CHANNELS. SAME SPACE. ZERO INTERFERENCE.



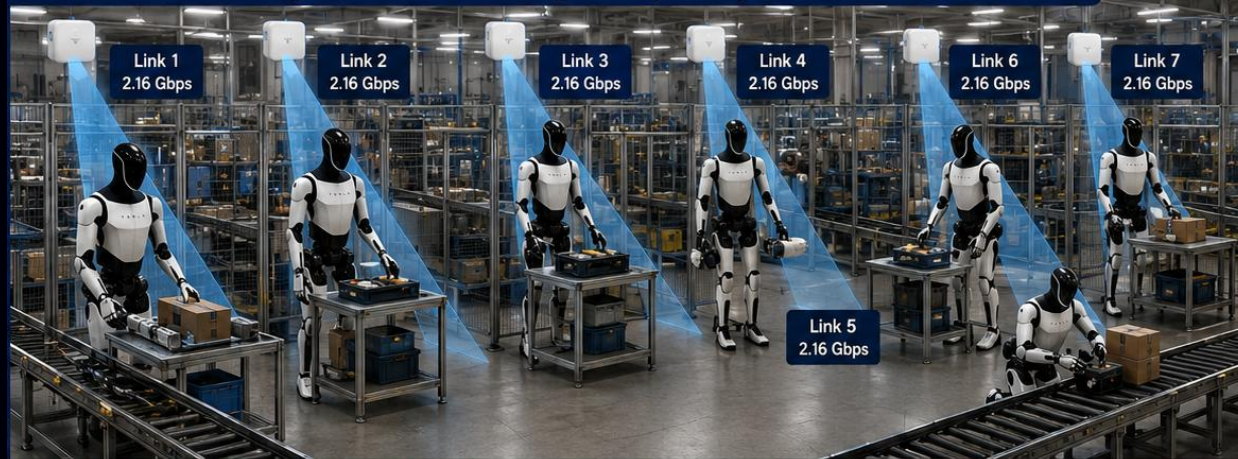
60 GHz LINK: SECURE. JAM-RESISTANT. MISSION CRITICAL.

60 GHz technology uses highly directional beams and oxygen absorption to deliver a secure link that cannot be jammed by the enemy.

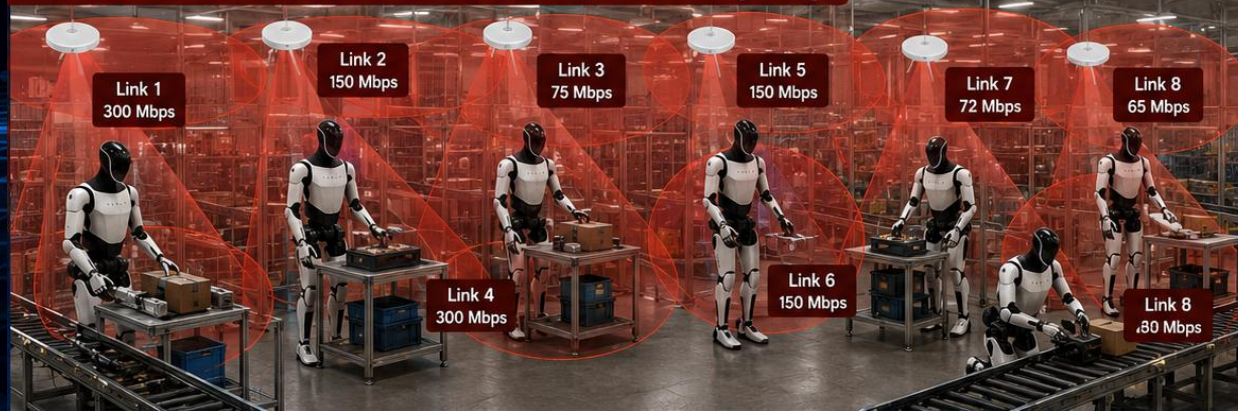


Edge AI – Large AI Models >> Enormous Bandwidth

60 GHz WiGig Network – High Capacity, Low Interference



5 GHz WiFi Network – Interference, Lower Capacity



60 GHz Advantages

- ✓ Robots must be updated with very large AI models (multi-gigabit links required)
- ✓ Directional beams eliminate interference
- ✓ Multiple simultaneous multi-Gigabit links within same area
- ✓ Deterministic, low latency performance

5 GHz Challenges

- ✗ Limited, crowded spectrum
- ✗ Omnidirectional coverage causes co-channel interference
- ✗ Throughput drops as more devices share the channel
- ✗ Higher latency and less predictable performance

➤ Jun. '26 – Peraso and Virewirx Demonstrate 50Gbps Network Cluster Targeting Drone Swarms and Autonomous Systems

Identification Friend-or-Foe (IFF) with 60 GHz

High-Speed • Secure • Low Probability of Intercept • Resistant to Jamming

Using 60 GHz millimeter-wave, IFF provides ultra-fast, secure identification with narrow beams and minimal interference.

HIGH ALTITUDE DRONE
IFF INTERROGATOR



INTERROGATION
60 GHz SIGNAL

SOLDIER
IFF TRANSPONDER (60 GHz)

NARROW BEAM
Highly Directional
Low Probability of Intercept

60 GHz IFF ANTENNA
Compact Phased Array
for Directional Links

REPLY
60 GHz SIGNAL

TRADITIONAL IFF (e.g., 1030 MHz)



- Wider beam, easier to detect
- More susceptible to interception and jamming
- Lower data rate, limited encryption

VS



IFF WITH 60 GHz

- Narrow beam, hard to detect
- Highly secure and jam resistant
- Multi-Gbps data for advanced IFF

WHY 60 GHz FOR IFF?



HIGH SECURITY

Narrow beams and high frequency make interception extremely difficult.



LOW PROBABILITY OF INTERCEPT (LPI)

Small beamwidth and low sidelobes reduce detectability.



HIGH DATA RATE

Supports advanced encryption and rich identification data.



JAM RESISTANT

High frequency and narrow beam provide strong resistance to jamming.

IFF AT 60 GHz



Frequency ~60 GHz band



Bandwidth ~2.16 GHz



Range Up to 10-20 km+ (Line of Sight)



Data Rate Up to Multi-Gbps



Antenna Phased Array (Narrow Beam)

Unmanned Aerial Systems (UAS) Communications

60 GHz LINK: SECURE. JAM-RESISTANT. MISSION CRITICAL.

60 GHz technology uses highly directional beams and oxygen absorption to deliver a secure link that cannot be jammed by the enemy.



60 GHz LINK (JAM-RESISTANT)



2.4 / 5 GHz LINK (JAMMABLE)



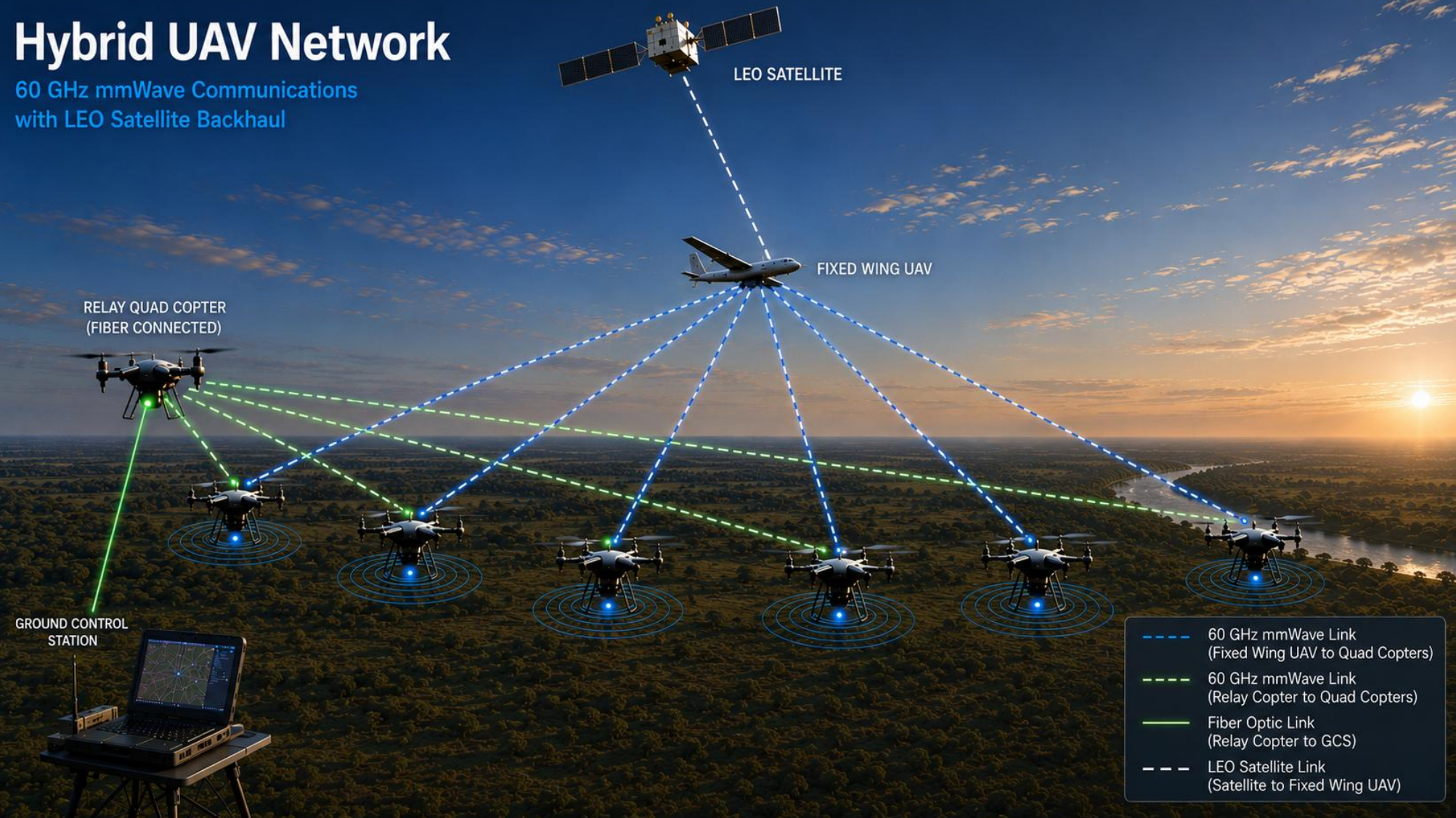
Why Peraso 60GHz Wins

- Traditional wireless communication susceptible to enemy detection
- Narrow 60 GHz RF beam is virtually impossible to detect
- 60 GHz signal virtually impossible to jam
- Beam is highly directional so difficult for jammer to align
- Oxygen attenuates jamming signal
- 60GHz band is license free thus avoiding interference with licensed bands

Next-Generation Hybrid Networks with 60GHz Links

Hybrid UAV Network

60 GHz mmWave Communications
with LEO Satellite Backhaul





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Financial Update

Second Quarter 2026

The PERASO logo is displayed in a bold, blue, sans-serif font. The background of the slide features a dark blue, futuristic design with a glowing blue grid pattern that recedes into the distance, creating a sense of depth. Several vertical columns of small, glowing blue dots rise from the grid, resembling data streams or signal towers.

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Questions

The background features a dark blue gradient with a glowing blue grid pattern that recedes into the distance. Several vertical trails of small, bright blue particles or data points rise from the grid, creating a sense of depth and movement.

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Thank You

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