



# Wi-Fi Alliance Liaison May 2025 Update

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# Highlights

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# 5 years of 6 GHz Wi-Fi

## 6 GHz Wi-Fi fuels next generation connectivity and innovation



### Efficacy

Wi-Fi in 6 GHz supports advanced and immersive use cases



### Innovation

Advancements will continue to emerge thanks to the uncongested channels of unlicensed spectrum



### Scalability

Supports future technology advancements and allows enterprises to maintain a cutting-edge



### Confidence

6 GHz Wi-Fi provides reliable connectivity - essential for widespread adoption of new technology



### Consistent access

Full access to 6 GHz delivers the best Wi-Fi experience for all users

# 1.2bn

6 GHz Wi-Fi shipments expected in 2025

*Source: IDC*

# 60+

countries have access to at least part of the 6 GHz band

<https://www.wi-fi.org/regulations-enabling-6-ghz-wi-fi>

# 2000+

6 GHz Wi-Fi products have been Wi-Fi CERTIFIED

<https://www.wi-fi.org/product-finder>



# 6 GHz Wi-Fi: transforming the future of healthcare

- Wi-Fi Alliance and Ramathibodi Hospital completed a seven-month trial of 6 GHz Wi-Fi in Thailand
- The trial illustrated that advanced medical training and devices demand superior performance
- Successfully showcased 6 GHz Wi-Fi's ability to support medical training and education
- Confirmed that full band 6 GHz is needed for optimal performance and gigabit connectivity in dense environments

**2X**

Increase in network data throughput during the trial

**5X**

Reduction in network latency during the trial

**3X**

Increase in user experience satisfaction during the trial



# Wi-Fi CERTIFIED HaLow™ co-marketing

**May 1 – December 31, 2025**

Wi-Fi Alliance® is excited to announce a new opportunity for members to certify their W-Fi HaLow portfolio of products and take advantage of co-marketing benefits:

- Waived certification fee
- Wi-Fi Alliance-led LinkedIn campaigns spotlighting participating companies and milestones
- Event co-marketing opportunities
- Featured content in The Beacon blog posts and The Signal podcast episodes
- Joint webinars targeting key audiences
- Support for additional Wi-Fi Alliance and member-led marketing initiatives

Reach out to [Marty McGinley](#) for more information



# Updates

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# 2024 updates to Wi-Fi CERTIFIED™

- Wi-Fi CERTIFIED 6® – 6 GHz protocol testing extension for compatibility among various regulatory equipment classes
- Forward compatibility testing – to minimize future interoperability issues that prevent new devices from connecting to older devices, or preventing appropriate security settings from being used
- Wi-Fi test simplification – updates to the following Wi-Fi Alliance certifications to reduce the test bed complexity and test time by more than 50%
  - Wi-Fi CERTIFIED 6
  - WPA3
  - WPA2
  - Protected Management Frames
  - Wi-Fi Enhanced Open
  - Wi-Fi Agile Multiband



# 2025 updates to Wi-Fi CERTIFIED – work-in-progress

- Wi-Fi 8 – task group formation for the development of certification for next generation of Wi-Fi technology
- Wi-Fi CERTIFIED 7™ – additional capabilities are being added, including support for 20 MH-only STA profile and 6 GHz device class compatibility
- Wi-Fi CERTIFIED 6 – updates to support features required for the XR market
- Forward compatibility testing – expanding Generational Wi-Fi MAC/PHY coverage
- Wi-Fi QoS Management – updates include adding support for analytics reporting
- Additional ongoing maintenance work items include Wi-Fi test simplification, Wi-Fi EasyMesh, and Wi-Fi Easy Connect



# Recent publications

- Press Releases
  - [Wi-Fi Alliance Welcomes Introduction of Budget Reconciliation Text](#)
  - [Wi-Fi Alliance® commemorates landmark 6 GHz decision](#)
- Interoperability Insights (*available to members only*)
  - [April 2025](#)
- The Beacon Blog
  - [Unlocking the power of collaboration: Interoperability Event highlights from Tokyo](#)
  - [Wi-Fi Alliance® celebrates 2024 Wi-Fi CERTIFIED® leaders](#)
- The Signal Podcast
  - [Episode 80: The ISP evolution and prioritizing more efficient Wi-Fi® with Metin Taskin of Airties](#)
  - [Episode 79: 5 years of 6 GHz: celebrating a Wi-Fi® milestone with Alex Roytblat of Wi-Fi Alliance®](#)
  - [Episode 78: Wi-Fi 7 powers the future of smart homes and smarter enterprises with Raja Shanmugam of Tata Consultancy Services](#)
  - [Episode 77: Wi-Fi 7 unlocks speed and sustainability with Quentin Lebeau of SoftAtHome](#)
  - [Episode 76: FTTH and 5G FWA drive demand for Wi-Fi® with Rahul Patel of Qualcomm](#)



# Upcoming Wi-Fi Alliance events in 2025

## Wi-Fi Alliance Member Meetings

<u><a href="#">Wi-Fi Alliance Member Meeting - Buenos Aires</a></u>	June 10 - 12, 2025	Buenos Aires, Argentina
<u><a href="#">Wi-Fi Alliance Member Meeting - Amsterdam</a></u>	October 21 - 23, 2025	Amsterdam, Netherlands

## Wi-Fi Alliance Interoperability Events

<u><a href="#">Wi-Fi 6 and Wi-Fi 7</a></u>	September 8 - 12, 2025	California, Taipei, Shenzhen City
<u><a href="#">Wi Fi Location IE#12</a></u>	November 3 - 7, 2025	California



