



Wi-Fi Alliance Liaison May 2025 Update

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Highlights



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



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

Wi-Fi Alliance Interoperability Events

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



