

28 SEP – 21 OCT 2021

WI-FI: POWERING INNOVATION SERIES

Creating new possibilities in a virtual society

Join us for a series of exclusive webinars featuring top executives from the Wi-Fi industry

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5 OCT 2021 – 15:30 CET Wi-Fi Leadership Conference & WBA Industry Awards 2021

Creating new possibilities in a virtual society

WELCOME By Tiago Rodrigues

CEO, Wireless Broadband Alliance

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Thank you to our Sponsors



Wi-Fi Powering Innovation Series

Full Program Agenda

September 28 & 29 – WBA Members Only Working Sessions

September 30 – WBA Members Only Working Sessions: Briefing for Asia-based members

WI-FI POWERING INNOVATION SERIES: 06:30 PT; 09:30 ET; 15:30 CET; 23:30 Singapore				
Tuesday October 5	Thursday October 7	Tuesday October 19	Thursday October 21	
Wi-Fi Leadership Conference and WBA Industry Awards 2021	Wi-Fi: Public and Private Networks and Convergence with 5G	Wi-Fi: Enabling the Smart Connected Enterprise	Innovation for Service Providers, Cities and Venues with Public and Guest Wi-Fi	



Wi-Fi Leadership Conference & WBA Industry Awards 2021

OCTOBER 5, 2021



Tiago Rodrigues Wireless Broadband Alliance



Dr. Derek Peterson

Boingo Wireless



Vijay Nagarajan

Broadcom



Dr. Carlos Cordeiro

Intel

























UNIQUE YEAR IN TERMS OF MEMBERSHIP





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VIBRANT YEAR IN TERMS OF PROGRAMS & PROJECTS





EXCITING YEAR IN TERMS OF MARKETING



10 Press Releases +280 Media articles +750k views

~80% increase in website traffic

~200% increase in Publication Downloads

+20 Media Briefings in 2021

Gartner, Omdia, IDC, Senza Fili, Mobile Experts, Gigaom, Dell 'Oro

Wireless Broadband Alliance (WBA) 5,181 followers 4mo • Edited • 🕲

With #WGCAmericas - the summer's foremost #WiFi event - kicking tomorrow morning, don't miss the presentation from Broadcom Inc.'s Vijay Nagarajan as he discusses the 6 GHz vision for multi-gigabit broadband. Attendees will also hear exclusive presentations and insightful panel discussions from AT&T, Boingo Wireless, Cisco, Intel Corporation, Marriott International and Wi-Fi Alliance - make sure you don't miss a minute! Register now: https://inkd.in/ghNpNTs



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The deployment of **@Huawei**'s Wi-Fi 6 technology in China's Shenzhen University Town (UTSZ) demonstrated the effectiveness that Wi-Fi 6 can have in an educational setting, and paves the way for future deployments around the globe. Learn more here: bit.ly/3q39KLc pic.twitter.com/LG1UKI9wM5



"Samsung Electronics has played a leading role in advancing wireless communication technologies, and we're committed to delivering seamless and secure wireless network connections. We first partnered with Cisco to develop and bring #OpenRoaming to Samsung devices, and now are proud to see WBA adopt OpenRoaming as an industry standard." Learn more about Samsung's adoption of OpenRoaming by watching the video below, and discover the benefits that OpenRoaming can offer here: https://

. . .

openroaming.org/



Samsung Discusses WBA OpenRoaming™ youtube.com

C & Z 73

The Telecom accelerating t workfolde ba

using the wireless network

launched Ope

TIP aims to

ace of

innovation in

the telecom

 \bowtie

accelerate the

OpenWiFi standard

Wi-Fi roaming standard to facilitate what is claimed to be seamless roaming connectivity

Open technology initiative adopts OpenRoaming

ComputerWeekly.com

News Events & Awards Regions People Community Webinars D

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WBA OpenRoaming enabled in

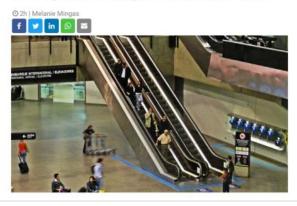
forthcoming Telecom Infra Project

Latam's busiest airport rolls out worldfirst OpenRoaming network over Wifi 6

RSS

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Feiture f У in



GET INVOLVED, JOIN WBA







Diverse, friendly and committed group of experts working together (and having fun) to drive Wi-Fi industry forward

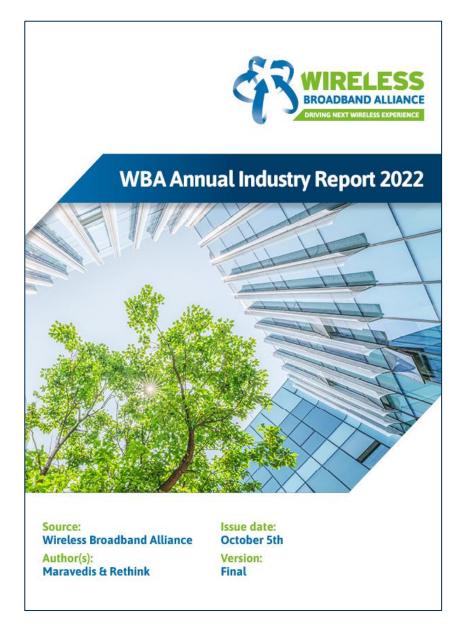


WBA Annual Industry Report 2022 Released today

Available at: <u>wballiance.com/resource/wba-annual-industry-report-2022</u>

... As Wi-Fi's capabilities broaden and come closer to those of cellular, convergence and coexistence between licensed and unlicensed technologies becomes a bigger issue each year. For the first time, the two technologies are targeting a very similar set of use cases, and together, can often support a highly innovative approach ...

Source: editorial team (Adlane Fellah & Caroline Gabriel) of WBA Annual Industry Report 2022





Key takeaways

Market adoption of Wi-Fi 6 6Ghz availability for unlicensed use

OpenRoaming for Wi-Fi Roaming & Offload Wi-Fi Security, Privacy and Identity management Wi-Fi experience becoming more deterministic

Wi-Fi Convergence with other RANs

Wi-Fi Sensing and other innovations (Wi-Fi 7)

OpenWi-Fi & OpenRAN for next gen core networks

Key data points

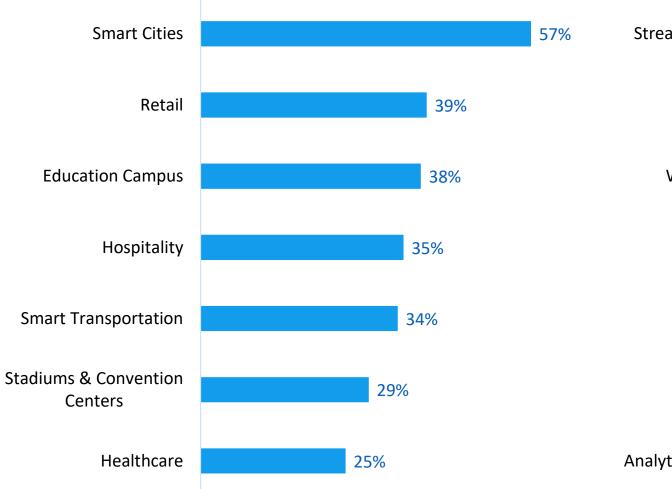
High interest for Wi-Fi 6 & 6E 83% have deployed or planning to do it in 2022 58% said 6 Ghz plays a critical or very important role for their Wi-Fi strategy

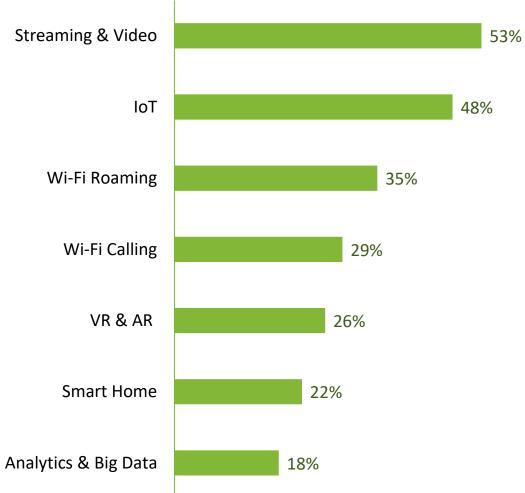
Growth of OpenRoaming & Passpoint 40% already deployed or plan to deploy in 2021 56% are more confident about investing in Wi-Fi in the coming years



Top Vertical Markets to Grow Investments in Guest-Wi-Fi

Top Wi-Fi Applications for Traffic Growth

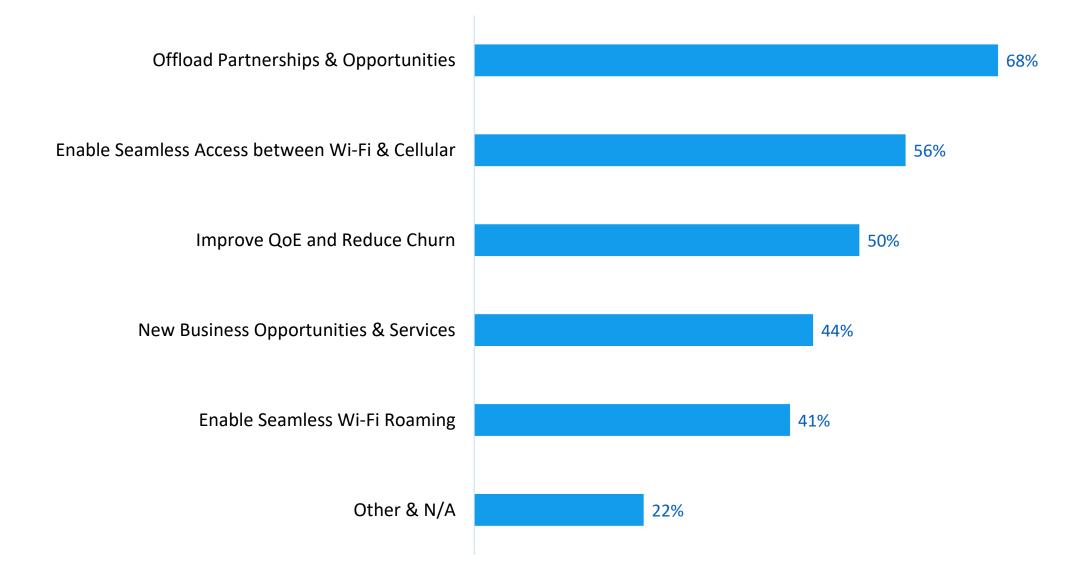




Source: WBA Annual Industry Report 2022

DRIVERS TO INVEST IN OPENROAMING[™] & PASSPOINT[™]

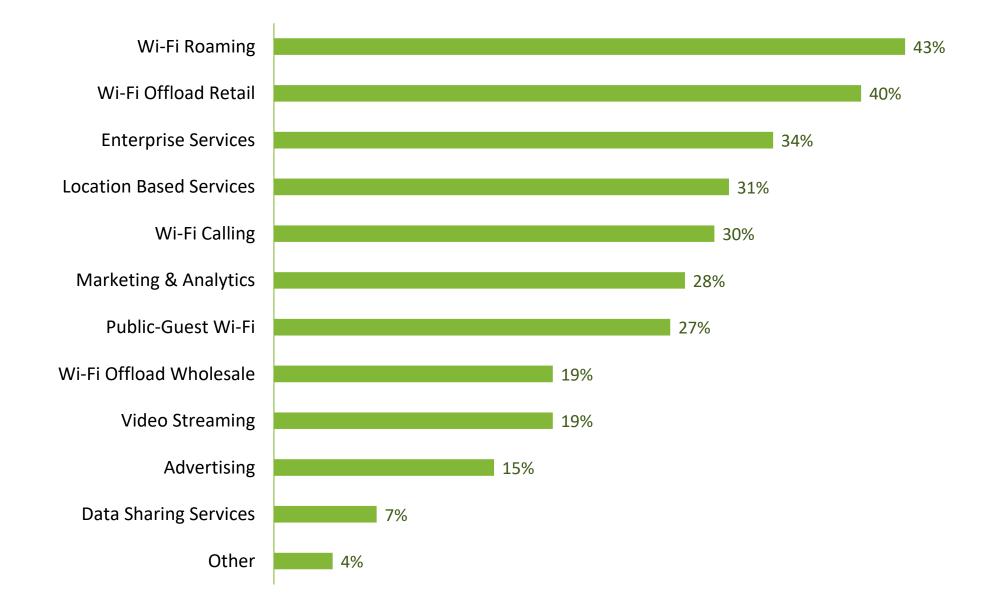




Source: WBA Annual Industry Report 2022

PUBLIC-GUEST WI-FI MONETIZATION STRATEGIES





Source: WBA Annual Industry Report 2022

WBA Annual Industry Report 2022 Released today

Available at: wballiance.com/resources/industry-reports/

... As Wi-Fi's capabilities broaden and come closer to those of cellular, convergence and coexistence between licensed and unlicensed technologies becomes a bigger issue each year. For the first time, the two technologies are targeting a very similar set of use cases, and together, can often support a highly innovative approach ...

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Are we seeing Wi-Fi at the best moment ever since its creation, with Wi-Fi 6/6E/7/OpenRoaming/Passpoint?

Is now the moment to see service providers massively embracing a Wi-Fi 6/6E & 5G strategy?

WBA Leadership Conference & WBA Industry Awards

Time (CET)	Speaker Name	Company	Presentation title
15:30	Tiago Rodrigues	Wireless Broadband Alliance	Welcome & Congress Kick off
15:45	Matt MacPherson	Cisco	Future Wireless Now! Enterprise Everywhere
16:05	Dr. Derek Peterson	Boingo Wireless	The Wi-Fi Opportunity Ahead
16:25		WBA Annual Industry Awards Best Wi-Fi Network Operator Best Wi-Fi Network Technology Best Enterprise Wi-Fi Network	
16:45	Vijay Nagarajan	Broadcom Inc	What's next for 6 GHz Wi-Fi?
17:05	Dr. Carlos Cordeiro	Intel Corp	Future Wi-Fi Innovations 2022-2025
17:25		WBA Annual Industry Awards Best Wi-Fi In Home Network Best Wi-Fi Innovation Best Wi-Fi Social Impact CTO of the Year Award	
17:45	Tiago Rodrigues	Wireless Broadband Alliance	Closing Remarks



Future Wireless Now! Enterprise Everywhere

MATT MACPHERSON

CTO WIRELESS Cisco

··|···|·· cisco

Future Wireless Now!

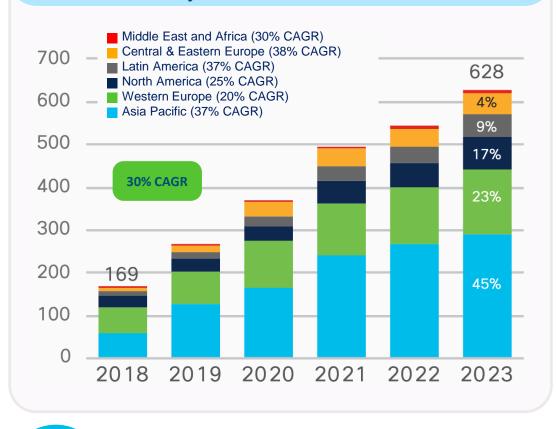
Enterprise Everywhere

Network Experiences Wireless CTO Group Matt MacPherson, Wireless CTO September 2021



Access Network Investment ... leveraging all access for NG Experience!

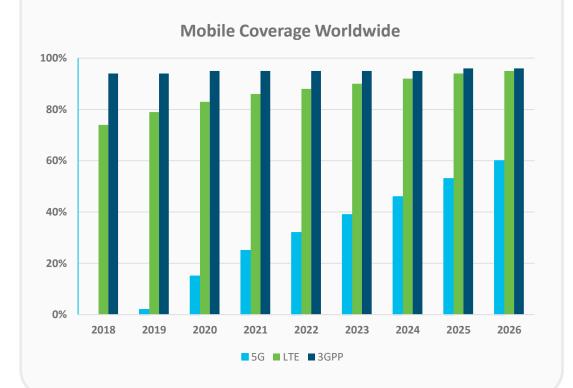
Globally 2018 had169M public Wi-Fi hotspots Projection for 2023 is 628M



Globally, Wi-Fi 6 hotspots will grow 13-fold from 2020-2023

Multi-Access Resiliency/Reliability

5G Cellular Coverage Worldwide

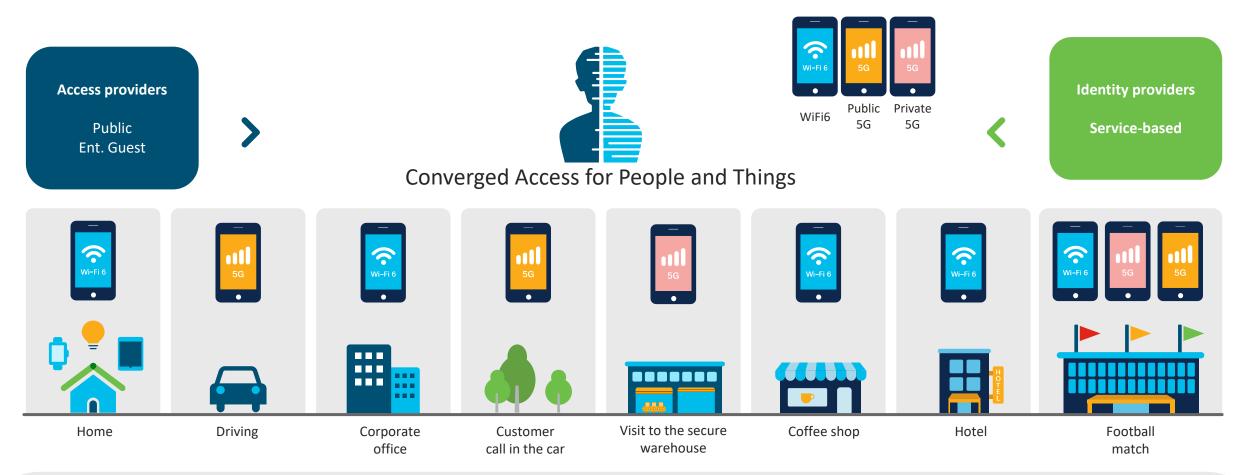


Global private 5G market size USD 1,224.3 million in 2020 USD 14,284.96 million by 2028 39.7% CAGR

Total 5G Market USD 80B 2028

Intelligent Access as a Service

Smart Convergence – Seamless roaming across enterprise and service provider based on context and policy



To use all stacks better, we need...

Frictionless Onboarding

OpenRoaming for all stacks (assure access to all available paths)

Seamless Interworking

Policy-based path selection for Loosely coupled Access Networks

Seamless Handover

Roaming between Wi-Fi (private) and cellular (public)

Cloud Driven Mega-trends The Enterprise dilemma

Enterprise apps migrating to Multi-Cloud environment

How does Zero-Trust Impact Enterprise Policy?

Workforce going Mobile



Multi-Cloud

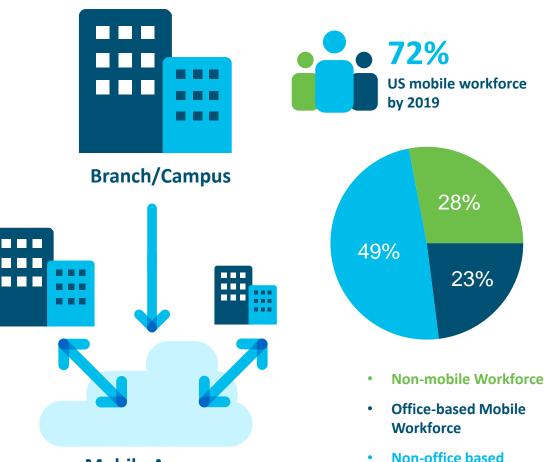
N=260 Enterprises worldwide

83% of survey respondents say that cloud is very or extremely important to their organizations' future strategy and growth.



69% say that 60% or more of their organizations' infrastructure and applications will be in the cloud in two years.

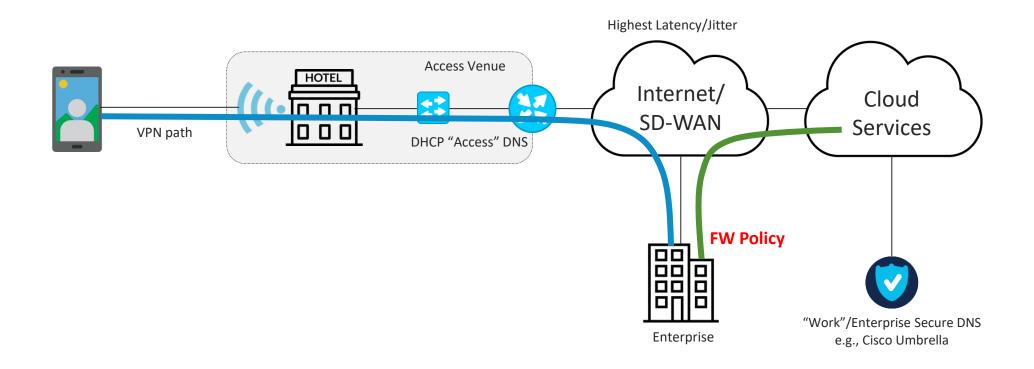
Source Harvard Business Review: The State of Cloud-Driven Transformation Sponsored by Splunk



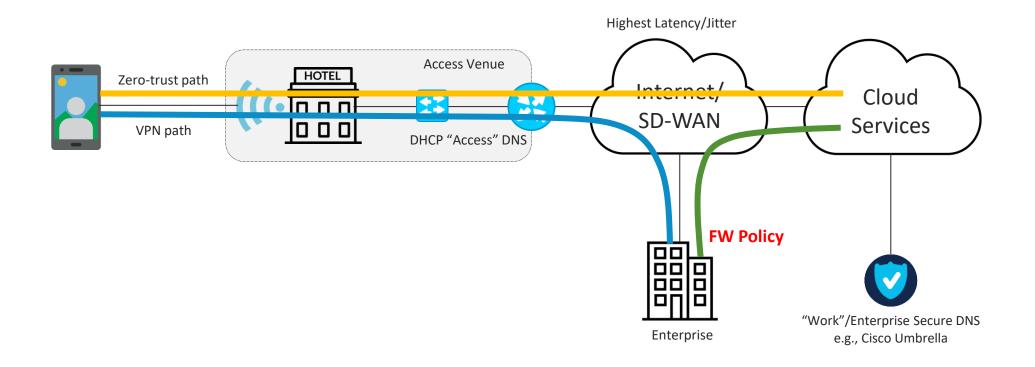
Mobile Workforce

Mobile Access

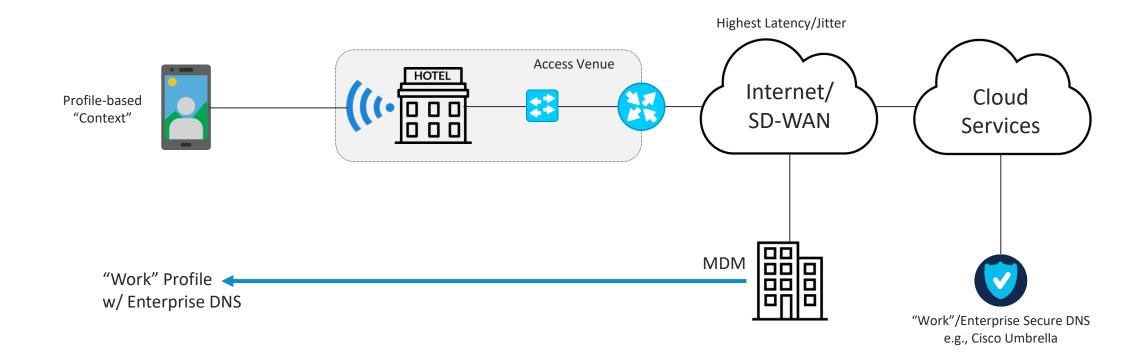
VPN inserts you into enterprise policy from anywhere ... but hairpins you through corporate



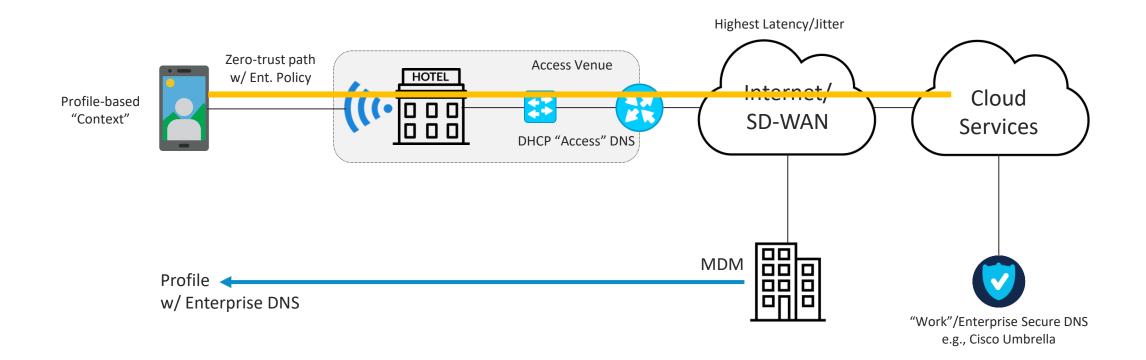
Zero-Trust for better experience ... but Enterprise Policy Lost



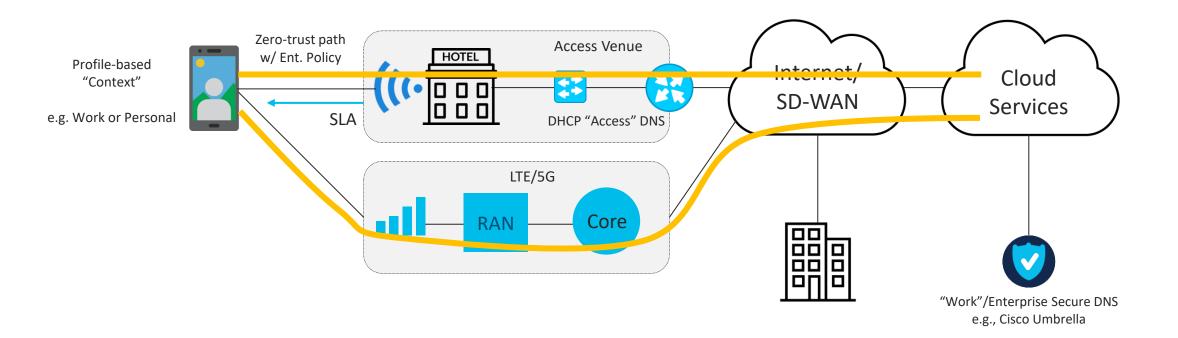
"Work" context profile to the rescue



Enterprise policy using zero-trust path



Enterprise policy for any access using zero-trust path ... with intelligent SLA-based path selection ... Experience as a Service (\$)

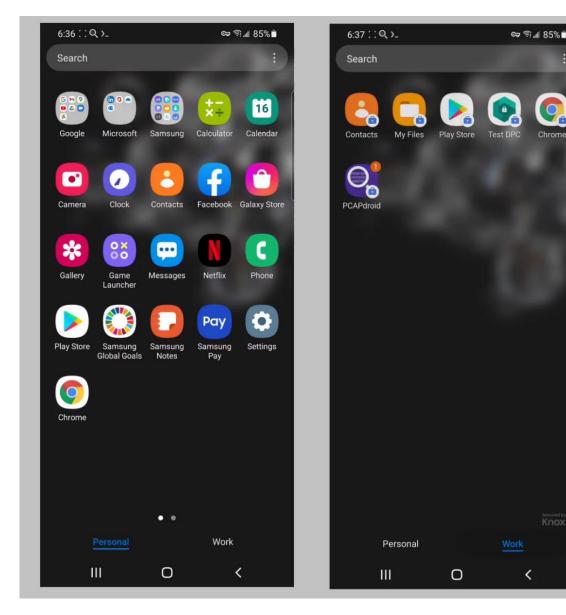


Enterprise Everywhere Secured Service

In the office or on the road: A corporate internal server is only accessible from the work profile

Vision:

- In the office, a work/perso flag is received by the network
 - Used to direct traffic to corporate or guest segments
- On the road, work traffic is directed with Umbrella / optionally VPN
 - Other traffic is local



Personal



Enterprise Everywhere Secured Internet

In the office or on the road: Corporate/Umbrella DNS only applies to work traffic

Vision:

- In the office and on the road, client uses Umbrella and corporate DNS for work traffic
- personal traffic uses general DNS



Personal



Enterprise Everywhere "Enterprise Class" QoS

In the office or on the road: Optimized QoS applies to work (Enterprise Class) traffic

Vision:

- In the office, work traffic gets QoS treatment, personal traffic is best effort
- On the road, enterprise may select premium access (\$) for work traffic

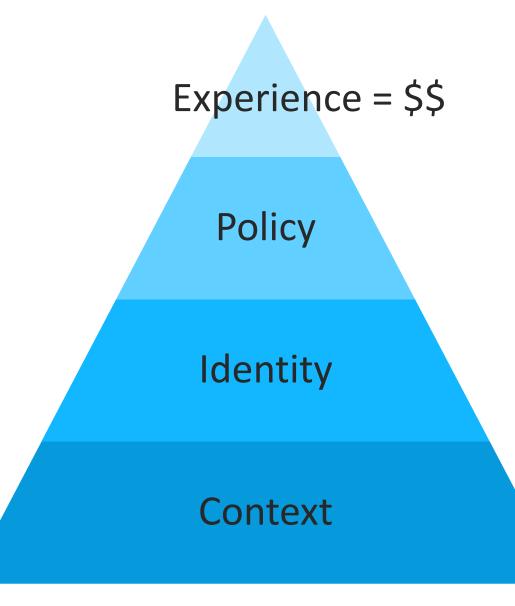


Personal



Conclusion –

- Context determines Identity
- Identity determines Policy
 - Security
 - Privacy
 - Quality of Service
- Policy determines Experience
- Experience is monetized





"Where Networking Happens!"



The Wi-Fi Opportunity Ahead

DR. DEREK PETERSON

CTO Boingo Wireless





THE WI-FI OPPORTUNITY

WBA WIRELESS GLOBAL CONGRESS EMEA | OCTOBER 5, 2021 Dr. Derek Peterson, CTO, Boingo

WORLD CLASS WIRELESS FOR THE **WORLD'S PREMIER PROPERTIES & ENTERPRISES**

Boingo delivers unparalleled wireless solutions at iconic venues serving more than





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Boingo's Leadership in the 5G Era



Deploying 5G, Wi-Fi 6 and Private Networks over CBRS



Convergence strategy powers connectivity with fast speeds and low latency using licensed, unlicensed and shared spectrum



Uniquely positioned as neutral host provider to manage the challenge of multiple 5G technologies in the same venue



Helping write 5G era standards through leadership positions with WBA, OnGo, CTA and more



Contends of the second second



High Demands, High Pressure

COVID-19 has challenged the global business ecosystem, putting more pressure and demand on wireless networks.



Of CEOs stated that the pandemic has accelerated their digital transformation plans





Pace at which companies have accelerated digitization



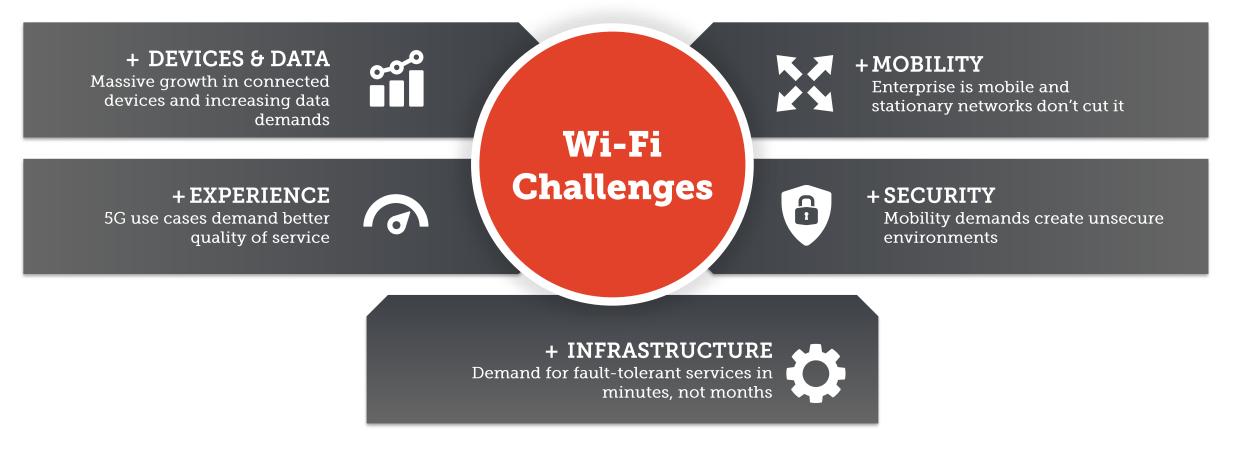
The forecasted 2021 value of the digital payments industry, a 40% jump in two years **60**%

Of airlines are focused on investing in biometric selfboarding gates



Wireless Future Comes with Challenges

To realize a new connected generation, there are key Wi-Fi challenges to overcome.





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Every Challenge Is an Opportunity



Opportunity: Wi-Fi 6/6E

+ DEVICES & DATA Massive growth in connected devices and increasing data demands

ENHANCED

Efficiency

Speed

Capacity

Performance



SUPPORT GROWING MOBILE TRAFFIC

ACCOMMODATE FUTURE USE CASES





São Paulo/Guarulhos International Airport

1st airport-wide Wi-Fi 6 network

Q2 Stadium

Wi-Fi 6 powers Austin FC stadium connectivity

Large Commercial Install 22 acres of Wi-Fi 6 in NYC + MOBILITY Enterprise is mobile and stationary networks don't cut it

Opportunity: OpenRoaming

OPENROAMING

- More networks for seamless and secure connectivity anywhere, globally
- Opens the door for all wireless players to power new opportunities in 5G era
- Quality standards from Boingo influenced the framework of OpenRoaming, as OpenRoaming adds a quality classification measure to bring carrier-grade Wi-Fi service more places

	TIER ONE	TIER TWO	TIER THREE
Availability			
Speed			
Low latency			
Mobility/ AP to AP handoff	×	×	
Reporting	×		

+ EXPERIENCE 5G use cases demand better quality of service

Opportunity: Better QoS

- Recognizing one size does not fit all
- Quality needs
 - Empower the ability to negotiate service quality
 - Higher/Lower data rates, Ultra Reliability Low Latency Connections (URLLC), Massive Machine Type Connections (mMTC)
 - Support multiple QoSs for a variety of services as opposed to current networks that are purpose built for limited set of QoSs
- The realization of the network slice as a combination of all resources, functions and assets required to deliver the service

+ SECURITY Mobility demands create unsecure environments

Opportunity: Borderless

- SASE (Secure Access Service Edge)
 - Combination of NaaS and SaaS solutions to provide secure access for any edge device (PC, Server, IoT Sensor, Mobile etc.) across any network to access services available anywhere



+ INFRASTRUCTURE Demand for fault-tolerant services in minutes, not months

Opportunity: Resiliency

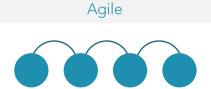
DEVELOPMENT PROCESS

Introduce new services and upgrade exiting services in minutes rather than in months



CLOUD-NATIVE

LEGACY

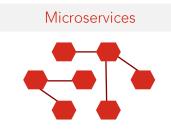


Waterfall



APPLICATION ARCHITECTURE

Resilient and fault-tolerant, deploy and redeploy without compromising the service



N-Tier



Monolithic



DEPLOYMENT AND PACKAGING

Lightweight and portable, allows scaling resources at 0.1% of CPU granularity

Containers



Virtual Servers



Physical Servers



INFRASTRUCTURE

High-speed, low-latency multi-cloud interconnection, leverage best-inclass capabilities

Multi-Cloud



Hosted



Data Center



Convergence Trobles



Call for Convergence

OPEN ECOSYSTEM

Interdependent

Individual modular components working together

Standardized

Open platform, moving away from proprietary solutions

Interoperable Separating RU/DU/CU for increased variation



MORE CUSTOMIZATION

INCREASED INNOVATION





A SEAMLESSLY CONNECTED SOCIETY. NEW ENVIRONMENTS THAT DRIVE Social and economic development. Smart cities, smart homes, smart bodies. A vast world of possibilities yet to be imagined.

Since 2001, Boingo has been a pioneer in wireless connectivity, driving innovation in both licensed and unlicensed spectrum. Today, as we survey the everevolving wireless landscape, it is clear that we are at a tipping point. The physical and digital worlds are coming together at a pace that requires new thinking, new paths forward, and a new way of working together. We have the opportunity to leap into the next decade of innovation. But it will require all of us, as a wireless industry, to work in concert. And it will begin with a deep commitment to convergence at every level.





Realizing the Vision

Powering intelligent communities of the future requires convergence at every level.



HEALTHCARE

- Remote diagnosis and treatment
- Home healthcare for disabled populations
- Support aging in place
- Secure data management

PUBLIC WORKS

waste

Weather

stations

- Environmental monitoring
- Smart metering Advanced Water and
- security cameras Increased management
- speeds monitoring
 - Seamless easeof-use for

travelers

TRANSIT HUBS

• Touchless

journey

passenger

connectivity

• Logistics and

MANUFACTURING

• Integrated safety management

- Equipment asset tracking
- Connected utilities
 - supply chain management

PUBLIC SAFETY

Smart outdoor emergence

Detect overcrowding

OUTDOOR

SPACES

lights

• Mobile Wi-Fi

hotspots

• Food trucks

Tenant services

- Drone patrol
- Intelligent cameras
- Traffic management
- Digital signage

STADIUM

- Touchless experience
- Mobile apps
- Wagers/betting
- In-seat ordering
- AR/VR
- Queueing
- Rideshare



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- OFFICE
 - **BUILDING** • Touchless Real-time experience
 - response Smart building
 - solutions • BYOD
 - Predictive

Energy

savings

- maintenance
- monitoring and

THANK YOU

Dr. Derek Peterson

CTO, Boingo Wireless dpeterson@boingo.com





WBA INDUSTRY AWARDS



What's next for 6 GHz Wi-Fi?

VIJAY NAGARAJAN

VICE PRESIDENT, WIRELESS COMMUNICATIONS & CONNECTIVITY DIVISION

Broadcom





October 2021

بالبابانين السال



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Fast facts on 6 GHz band Wi-Fi



1,200 MHz of spectrum available



Worldwide availability would provide **\$512 billion** in global economic benefit **by 2025****



Unlocks unlicensed innovation for the next 25 years



Wi-Fi 6E brings **2 Gbps**; Wi-Fi 7 will bring **5 Gbps**







Designed for **digitally immersive experiences**



Supports 5G performance

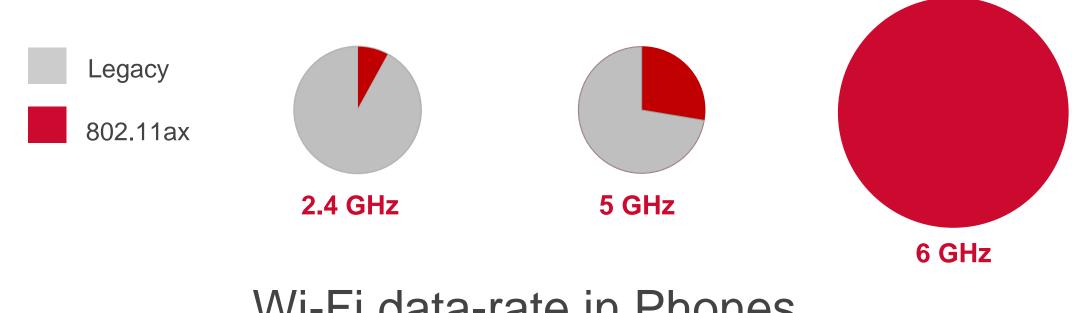


Enables telemedicine and education

** Economic Value of Wi-Fi: A Global View (2021-2025)

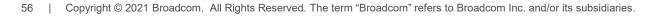


Wi-Fi that's exclusive **and** efficient



Wi-Fi data-rate in Phones

2.4 GHz (20 MHz)	5 GHz (80 MHz)	6 GHz (160 MHz)
237 Mbps	1.2 Gbps	2.4 Gbps



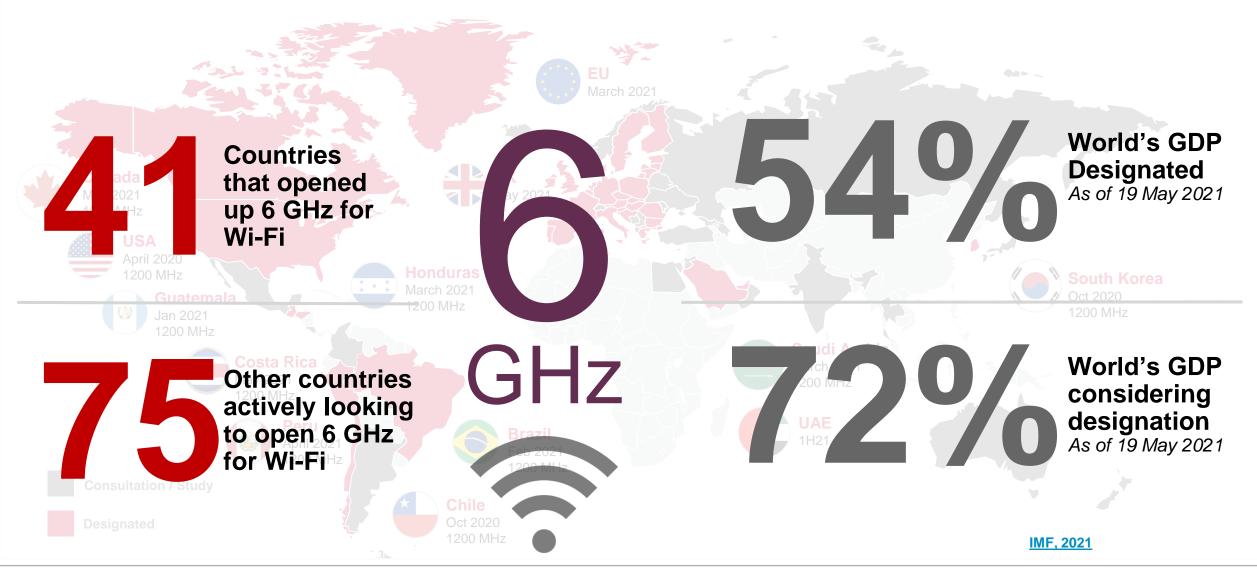


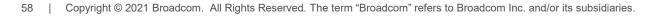
6 GHz Wi-Fi today



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Regulatory Momentum







Wi-Fi that enables robust Low Power indoor use cases



6 GHz delivers whole home Gigabit+ throughput

- Homes
- Apartments
- Offices
- Indoor public venues

Industrial IoT



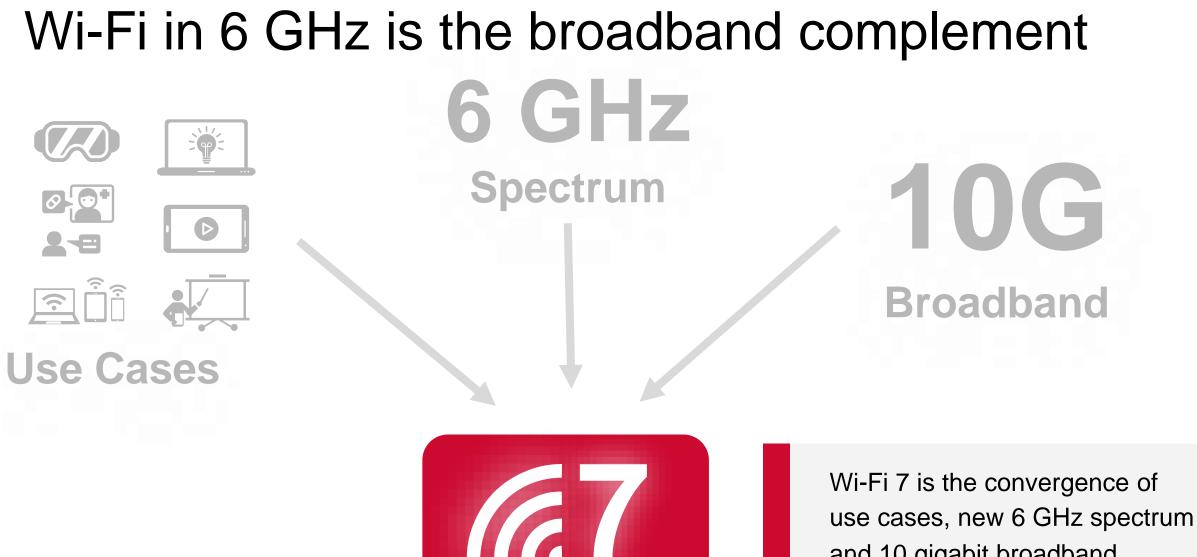
The 6 GHz future



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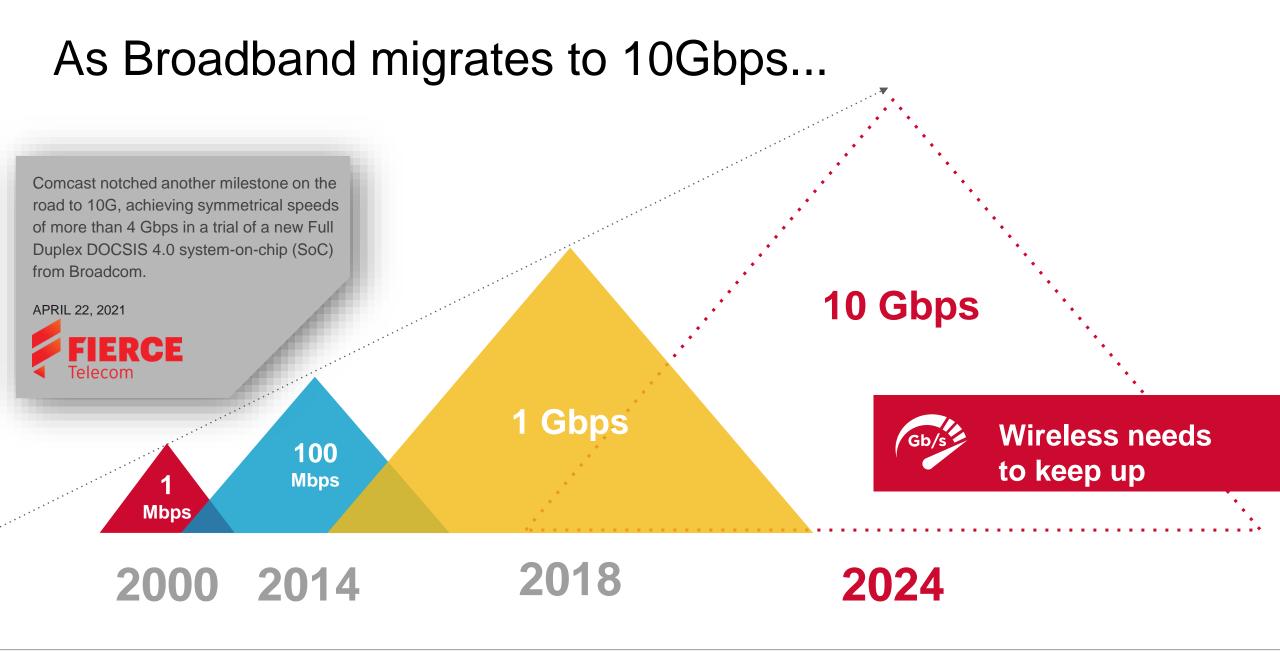
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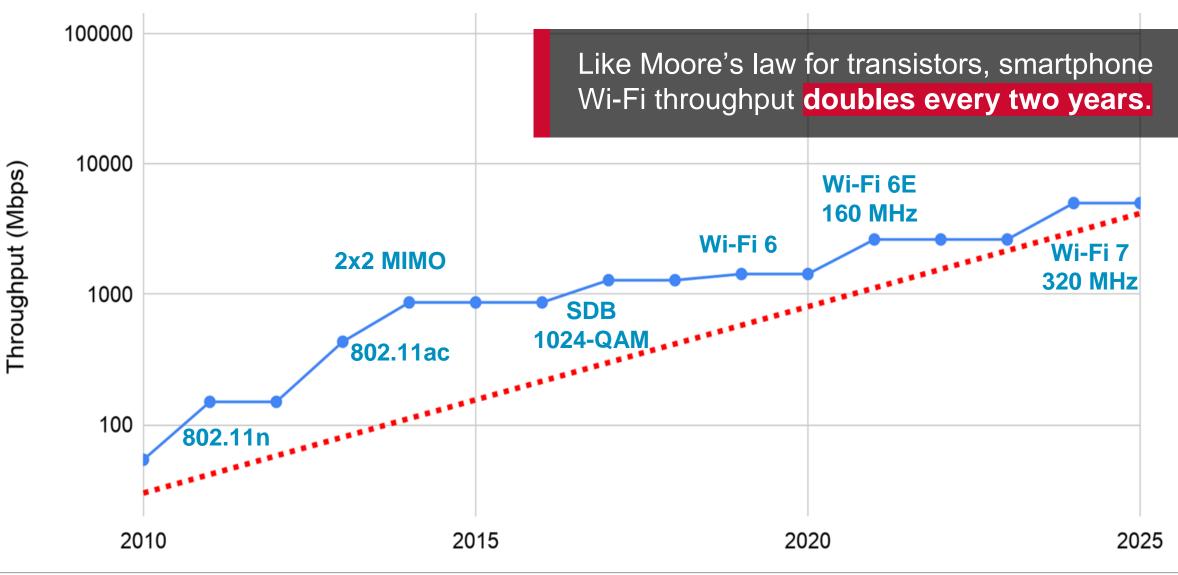
and 10 gigabit broadband.

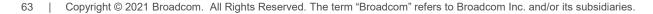






6 GHz Wi-Fi speeds will match up to it







And coverage and range today can be a challenge



- 6 GHz Wi-Fi devices today can only operate indoors and only at low-power
- To increase power, incumbent presence needs to be assessed and protected

Low power indoor Wi-Fi 6E



But all that is about to change with AFC



Low power indoor Wi-Fi 6E



Standard power Wi-Fi 7 everywhere

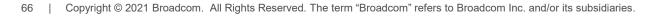


But all that is about to change with AFC and Wi-Fi 7



Standard power Wi-Fi 7 everywhere

- Standard power 6 GHz Wi-Fi networks will use AFC to protect incumbent operations
- In an unoccupied 6 GHz channel, AFC helps Wi-Fi devices communicate at standard power akin to 5 GHz
- It also opens the door for outdoor Wi-Fi in 6 GHz band
- AFC enables more pervasive, blazing fast Wi-Fi 7









AFC and Wi-Fi 7 will fulfil the promise of 6 GHz

- Up to **20 gigabit per second** outdoor coverage (e.g., parks, stadiums, LinkNYC)
- Provides multigigabit point-to-multipoint rural connectivity
- Can deliver low-latency Wi-Fi calls, and next-gen fan experiences with AR/VR

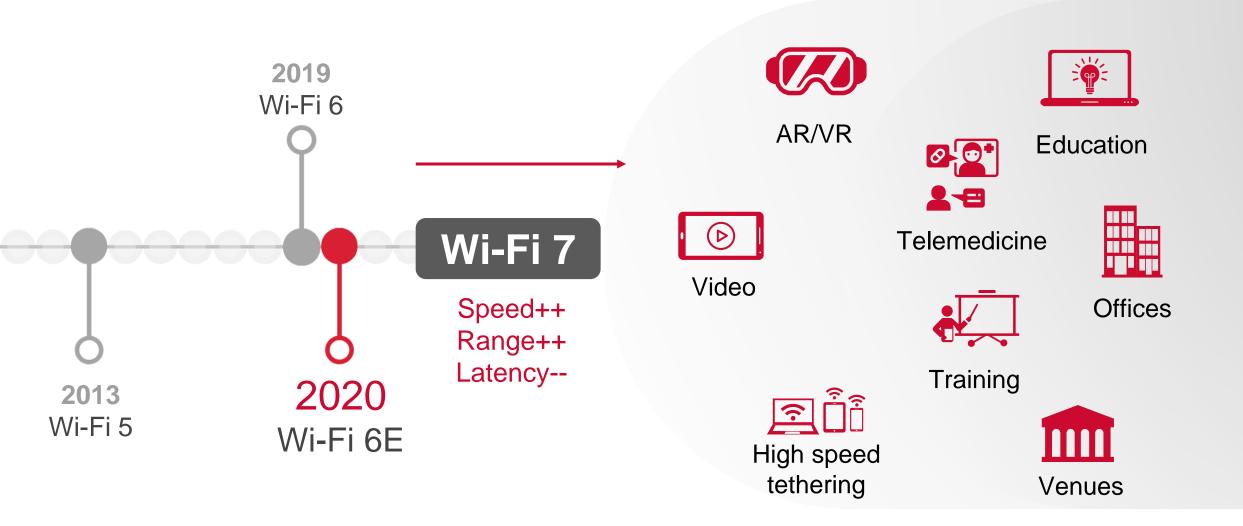


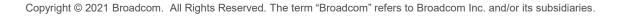
Wi-Fi 7 provides whole home multi-gigabit broadband





Wi-Fi 7 delivers value for the next decade









Open AFC: catalyst for standard power Wi-Fi 7

- Spearheaded by Broadcom, Cisco and Facebook to catalyze AFC operation in 6 GHz
- Open source software group for design, development and testing of AFC software that

 Provides available channel list for standard power Wi-Fi operation
- Accelerates ecosystem readiness to support active FCC efforts to authorize AFC operators
- You can join Open AFC via the Telecom Infrastructure Project
 - Contribute and get access to AFC software
 - $\circ~$ Be on the inside track for 6 GHz Wi-Fi



- Unmistakable regulatory and product momentum for 6 GHz Wi-Fi in 2021
- Wi-Fi 7 together with AFC will fulfil the promise of 6 GHz
- 6 GHz Wi-Fi complements multi-gigabit broadband for whole home coverage
- If you are interested in AFC for 6 GHz Wi-Fi, join the Open AFC effort



BROADCOM[®] connecting everything ®

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Future Wi-Fi Innovations 2022 - 2025

DR. CARLOS CORDEIRO

WIRELESS CTO Intel Corporation



October 05, 2021

Future Wi-Fi Innovations (2022-2025)

Carlos Cordeiro Wireless CTO



Many Wi-Fi Innovations Expected (2022-2025)



Consumer / IOT / Enterprise Usages



Wearables



AR/VR





Ultra-Low Latency

Automotive



intel

Industry 4.0 Usages



AGV/AMR



Robotics



Smart Manufacturing



Contextual Usages: Sensing, Ranging, & Location

Health/Activity Monitoring



Find My Device

Proximity Lock/Wake

Facial Recognition



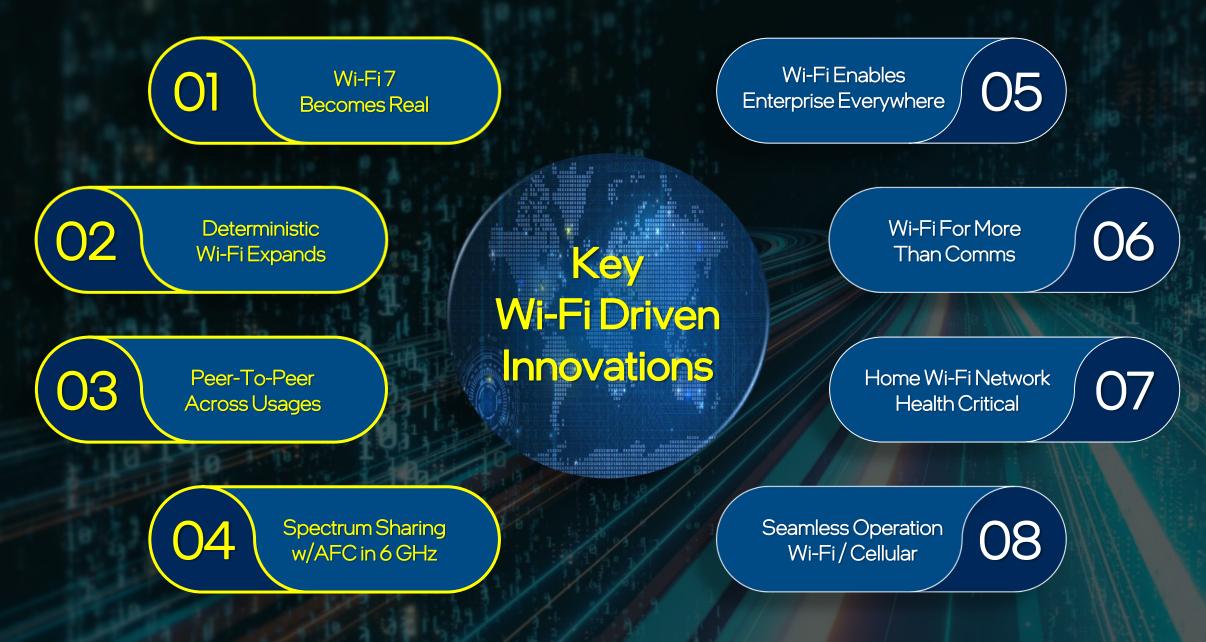
Space

Utilization/Control

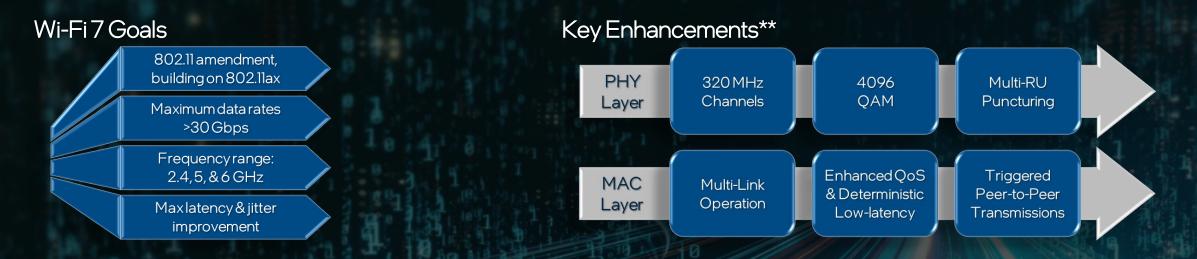
Asset Tracking

Gesture Recognition

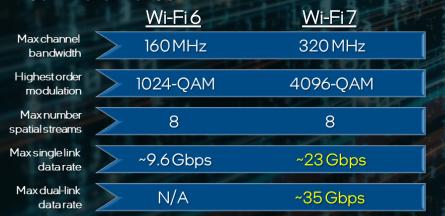
intel



Wi-Fi7: ~3.6x Faster vs. Wi-Fi6*



Peak Data Rates

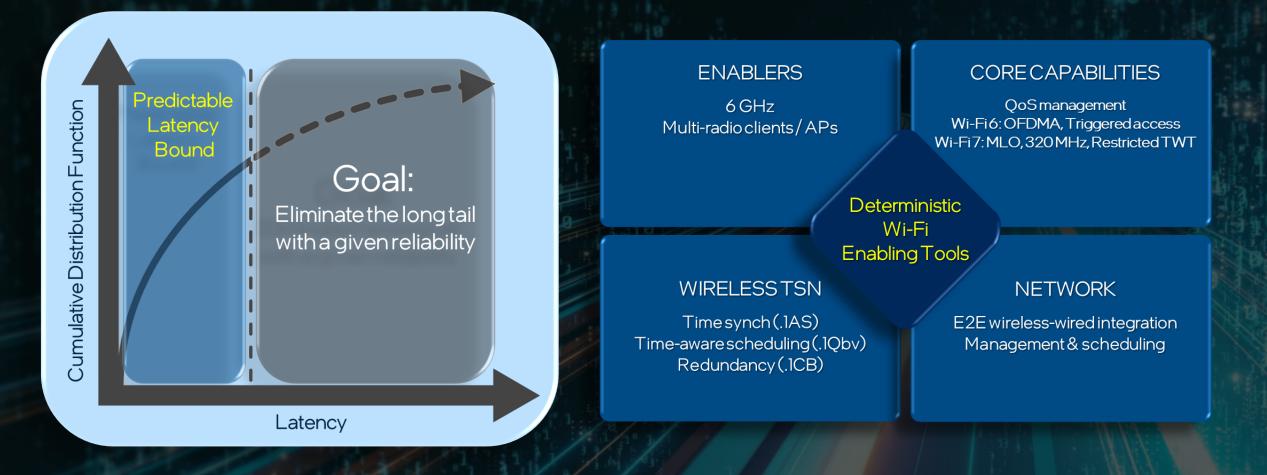


Practical (2-Stream) Data Rates



* Assumes aggregate capacity from max PHY data rate increase and multi-link operation (a 5 GHz and a 6 GHz link). ** Feature set accurate as of July 2021, Draft 1.1. Feature set and their specification are subject to change.

Deterministic Operation Will Expand Wi-Fi to New Applications



Expanded Peer-to-Peer Experiences & Technologies

Device Sharing Experiences

Resources (e.g., compute, screen, hotspot), Data, notifications, etc...

Display Expansion (Wireless display connection)



Inking/Stylus (Companion inking device)



Wireless Capabilities Required

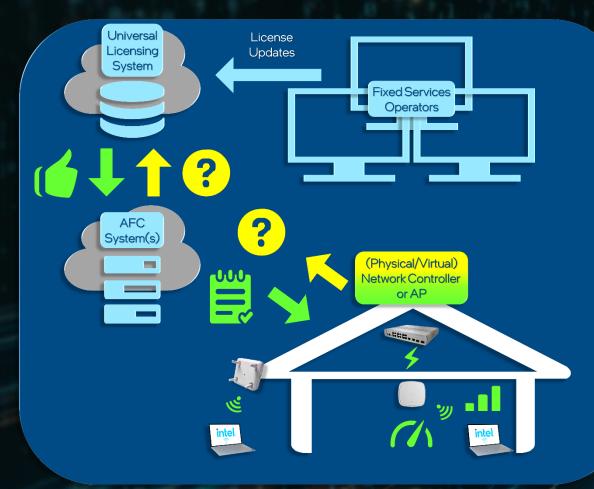
Secure pairing, Low-latency, Dual / Concurrent connectivity, Ranging, and others...



Camera (Multi-camera/platform) PC – Phone Collaboration (Seamless, cross-device app usage)

inte

6 GHz AFC (Automated Frequency Coordination) Can Enable Outdoor & Improved Indoor Connectivity



Incumbent channel frequencies documented & protected

Channel availability & permissible TX power communicated to 6 GHz Wi-Fi network inquiries

6 GHz outdoor Wi-Fi enabled

Indoor 6 GHz Wi-Fi performance improved

intel. ¹⁰

Many Wi-Fi Innovations Expected (2022-2025)

Wi-Fi Usage Expansion

Augmented / Virtual Realities

- Consumer / Industrial IOT
- Contextual Applications

Wi-Fi Technical Advances

- Wi-Fi7
- Expanded Peer to Peer Capabilities
- Improved Performance w/6 GHz AFC

Deterministic Wi-Fi

- Combination of New Capabilities
- Predictable Wi-Fi Performance
- Improved Reliability & QoS





Questions?

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Results have been estimated or simulated.

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THANK YOU to all participants of the

to all participants of the WBA Annual Industry Awards



Final Remarks and Close

TIAGO RODRIGUES

CEO

Wireless Broadband Alliance



Wi-Fi Powering Innovation Series

Tuesday October 5th

WBA Leadership Conference & WBA Industry Awards

This autumn's premier Wi-Fi event ' celebration of all things Wi-Fi developments we can look for day WBA Industry Awards will h the excellence from the best Industry. We'll also be ong at stro of W. Fi on the globr or omy in 20, new interstions in cology and b for Wi-r to 2025; and highlights c WBA Annual Ir including the contract of the contract of the second and the second of the second of the second the second of the second of the second of the second the second of the s

emier Wi-Fi event ' s off with a all things Wi-Fi . the exciting e can look fo d to in 2022. The ards will the the innovation and the be in the best in the Wi-Fi so be ing at strategic impacts obviously in 2022 and beyond; .ology and business models . to 2025; and featuring the . WBA Annual Industry Report, .ent leading market trends and .trivers on Wi-Fi

Thursday October 7th

Wi-Fi: Public and Private Networks and Convergence with 5G

What does the future hold for public and private networks, and what role will 5G convergence play? In this session, hear the very latest on Wi-Fi 6, including ongoing use cases, case studies and a deep dive on operational benefits. We'll also be looking at the new opportunities and developing use cases for Wi-Fi 6E and taking a snapshot of the global rollout of the 6 GHz spectrum; the role of emerging technologies such as Wi-Fi 7, FWA, 802.11bf and beyond; and much more!

Tuesday October 19th

Wi-Fi: Enabling the Smart Connected Enterprise

When it comes to enterprises looking to get 'smart' and offer outstanding connectivity for employees and consumers, the role of Wi-Fi can't be understated. Hear how companies can secure their IoT infrastructure with Wi-Fi; how smart Wi-Fi can support customers and operations for verticals such as retail, transportation, healthcare, and the carpeted enterprise; the impacts that the 'bring your own device' (BYOD) era can have on security, privacy, and data integrity; and how Wi-Fi is creating emerging opportunities for Industry 4.0 in the 5G era.

Thursday October 21st

Innovation for Service Providers, Cities and Venues with Public and Guest Wi-Fi

How can Wi-Fi address the emerging needs of enterprise to innovate and adapt in a post-COVID-19 world? This session will explore the latest on emerging opportunities for Industry 4.0 and IoT deployments in the discuss the game changers for the connected retailer and automotive industry; and examine how train operator are stepping up to offer outstanding Wi-Fi connectivity for passengers leading up to 2030.

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THANKS FOR ATTENDING

Next Time:

7 October 2021

Wi-Fi: Public and Private Networks and Convergence with 5G

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