



**Hewlett Packard
Enterprise**

6GHz Wi-Fi for India

Xin Tang

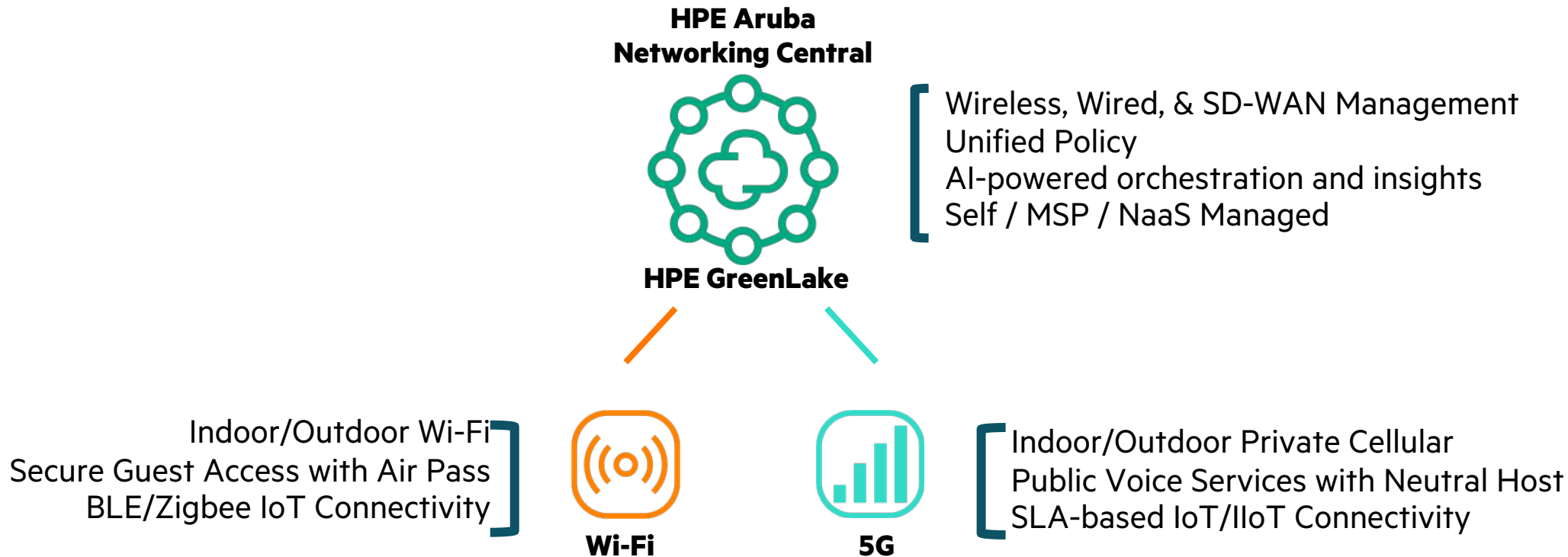
APJ Policy Lead

June 2025

Who we are?

Expert in Enterprise Connectivity

Unified cellular, Wi-Fi, wired technologies for seamless connectivity



2024 Gartner® Magic Quadrant™ for Enterprise Wired and Wireless LAN Infrastructure



HPE (Aruba) has been positioned as a Leader for the 18th consecutive time.

HPE Aruba Networking's 18 years of placement includes HPE (Aruba) in the Magic Quadrant for Wired & Wireless LAN Infrastructure from 2015-2024 (9 years, report not published in 2023), Aruba Networks in the same Magic Quadrant from 2012-2014 (3 years) and in the Magic Quadrant for Wireless LAN Infrastructure from 2006-2011 (5 years, report not published in 2009). Aruba Wireless Networks in the Magic Quadrant for Wireless LAN Infrastructure, 2005: Leaders and Challengers. This graphic was published by Gartner, Inc. as part of a larger research document and should be evaluated in the context of the entire document. The Gartner document is available upon request from HPE.

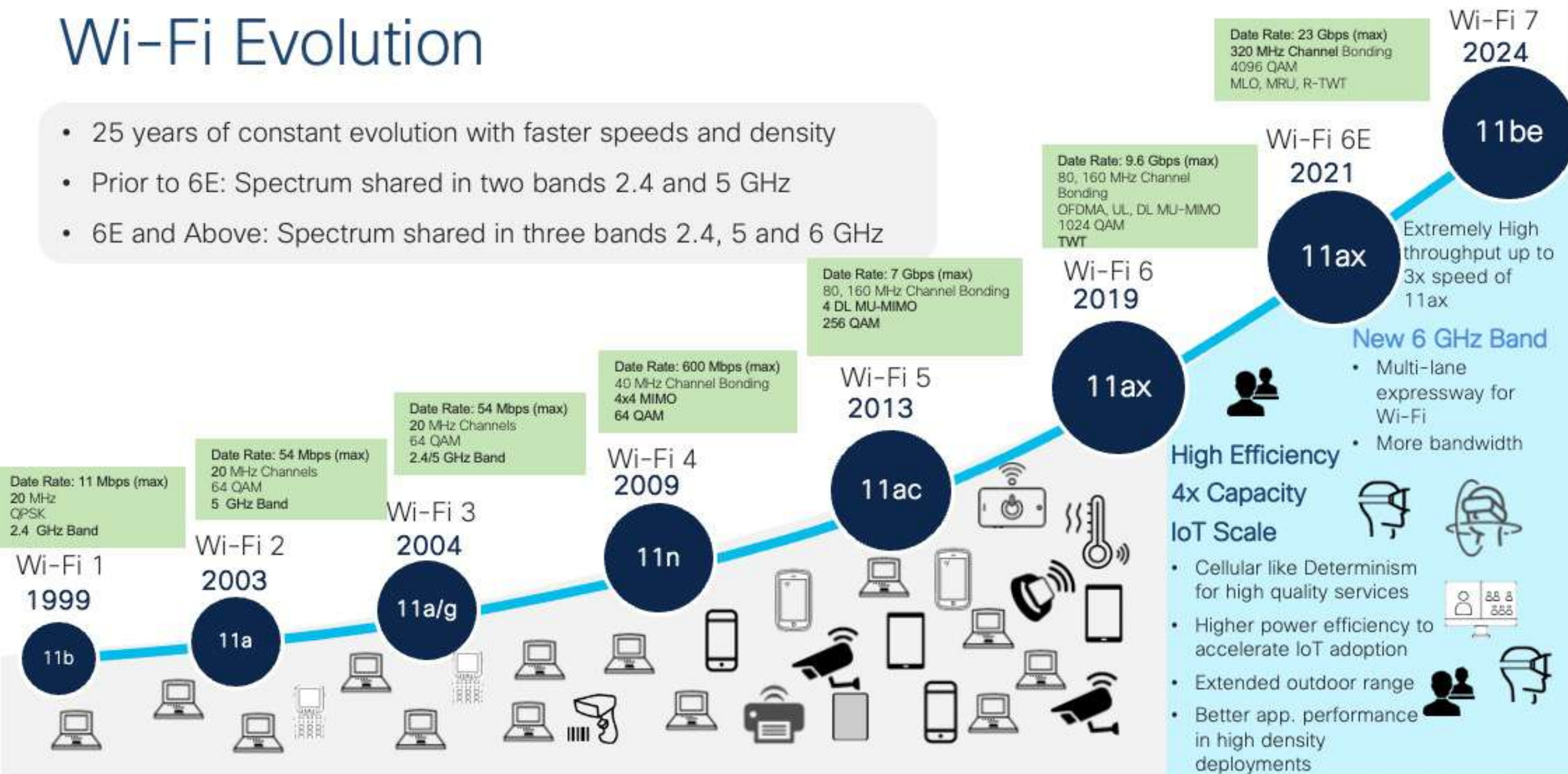
Gartner, Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure, Tim Zimmerman, Christian Canales, Nauman Raja, Mike Leibovitz, March 6, 2024. GARTNER is a registered trademark and service mark of Gartner and Magic Quadrant is a registered trademark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and are used herein with permission. All rights reserved. Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

We often joke Wi-Fi as...



Wi-Fi Evolution

- 25 years of constant evolution with faster speeds and density
- Prior to 6E: Spectrum shared in two bands 2.4 and 5 GHz
- 6E and Above: Spectrum shared in three bands 2.4, 5 and 6 GHz



6 GHz is the new Innovation Band



Wider Channels



Greater Channel Diversity



Higher Throughput



Lower Latency



Higher Peak Data Rates



New Technologies to Maximize Full Use of the Spectrum (e.g., MLO, 4K-QAM)

A huge device ecosystem is available today



**Hewlett Packard
Enterprise**



amazon

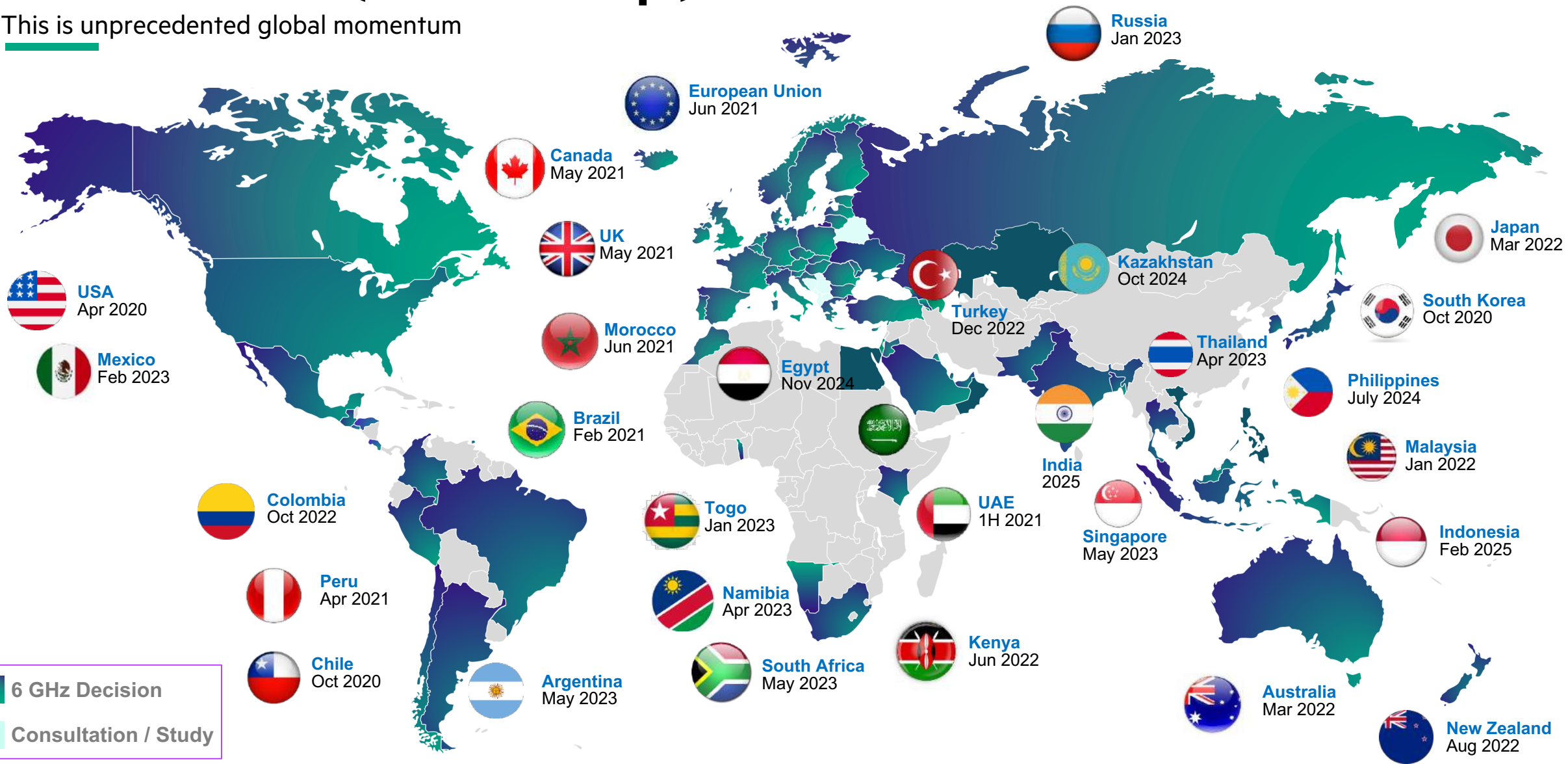


Qualcomm



6 GHz Unlicensed (License-Exempt) Decisions

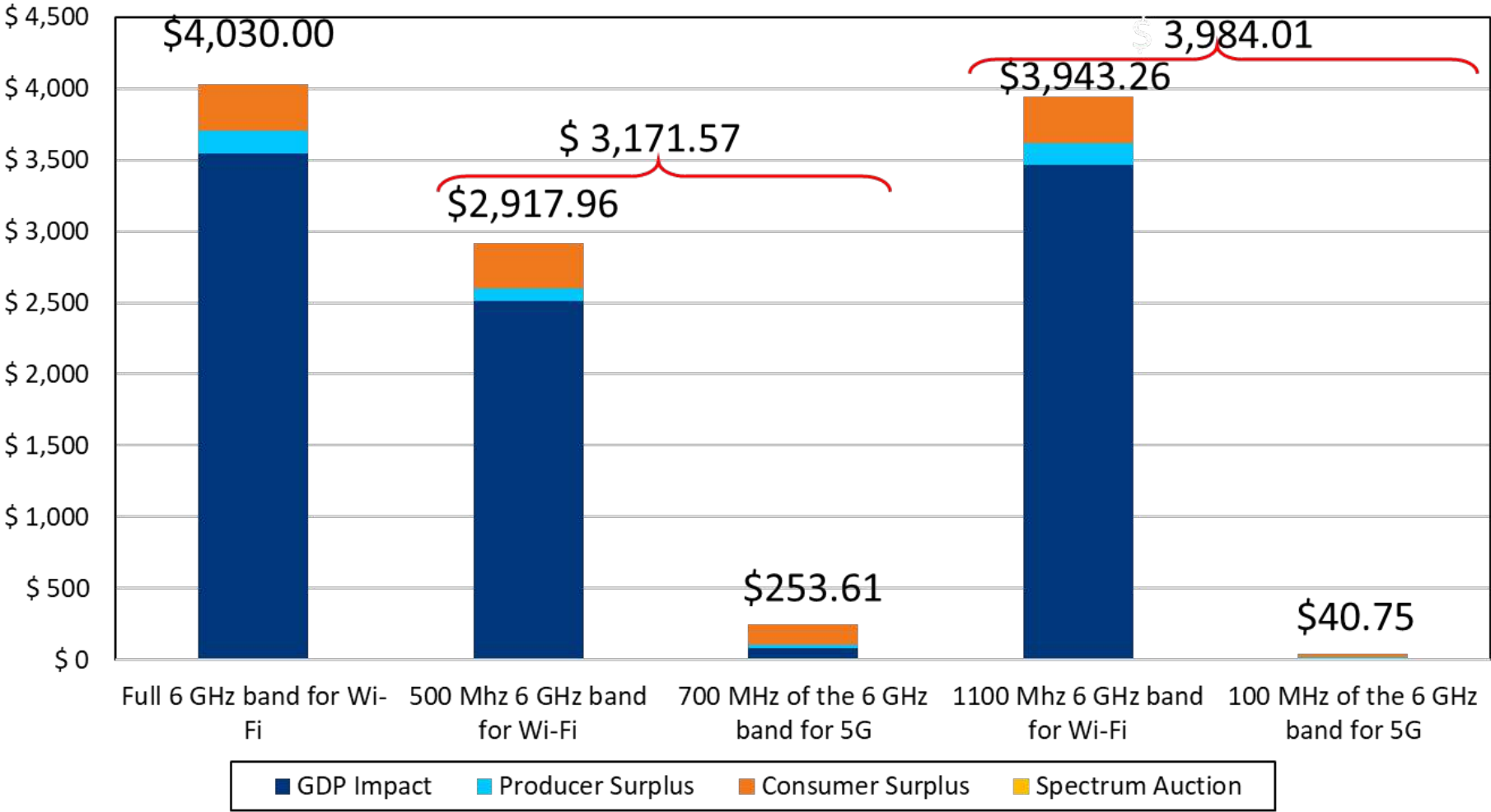
This is unprecedented global momentum



78 Countries
As of June 2025

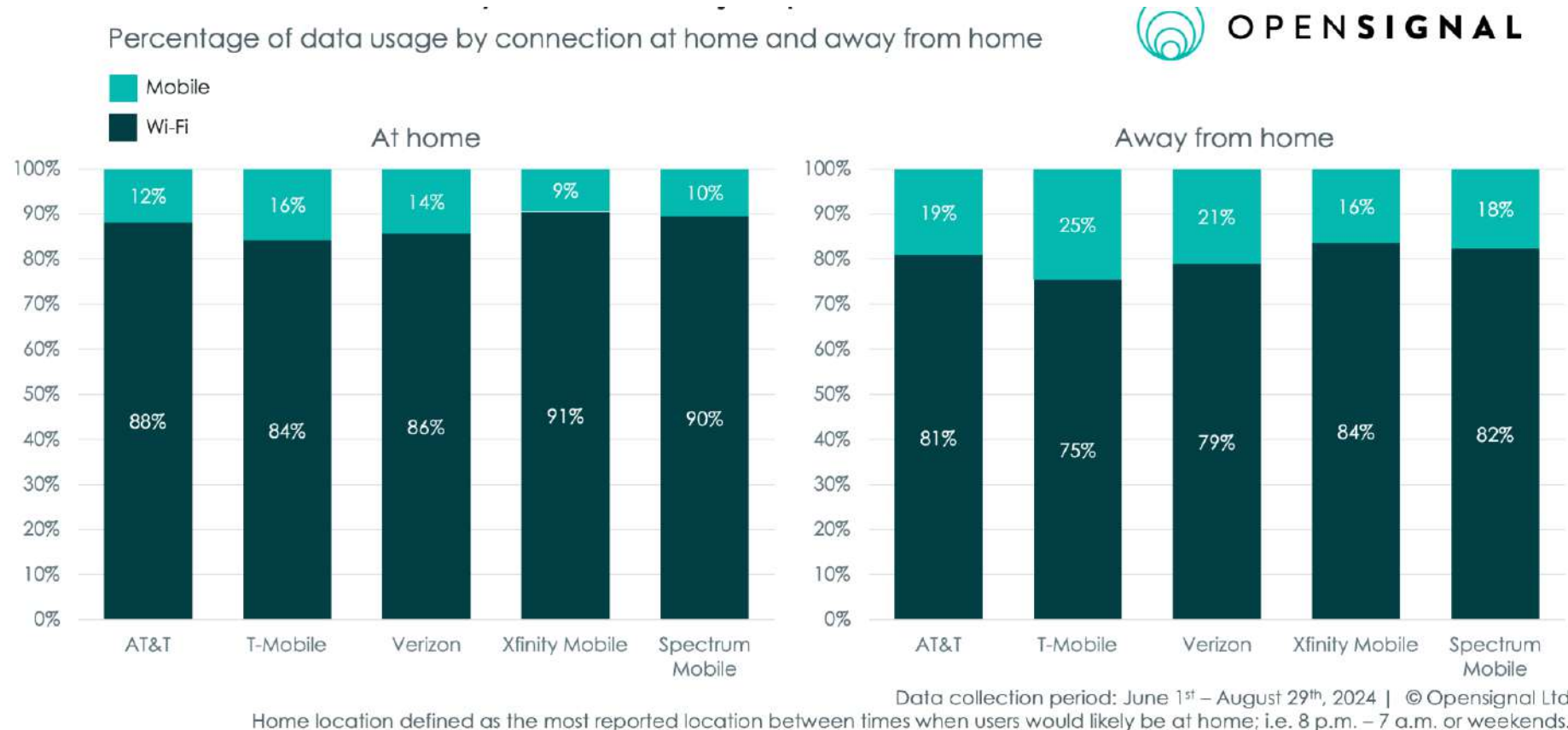
5.7B Citizens **80%+** of global GDP

6GHz Wi-Fi will bring huge economic value for India



Wi-Fi is the most used Internet access technology

- Research found in US mobile device data consumption occurs over Wi-Fi, around 90% across all operators.
- Even outside the home, users continue to rely heavily on Wi-Fi for data usage.

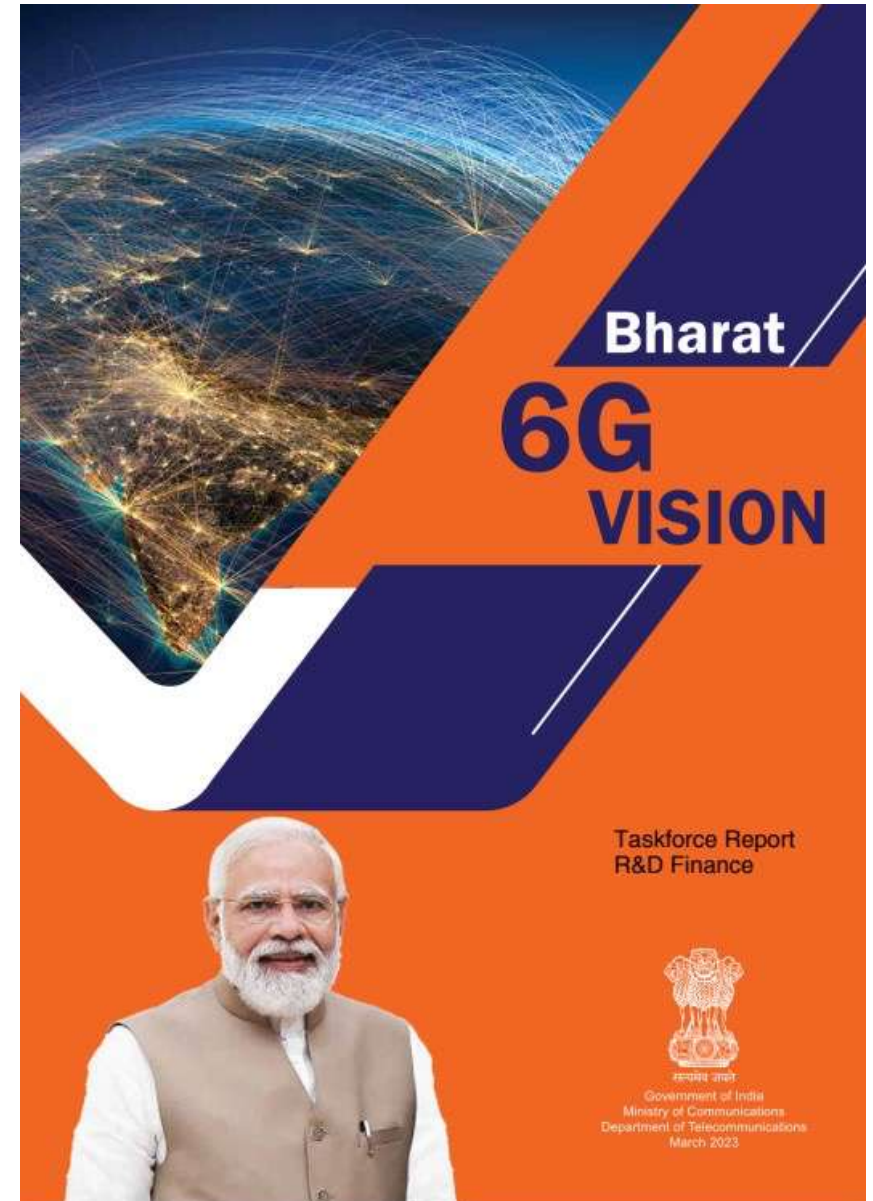


6GHz Wi-Fi underpins Bharat 6G vision

Digital India 2030 Mobile and Broadband Policy Objectives

90% household has access to high-speed broadband

50 Million public Wi-Fi Hotspots



HPE is ready to support India to achieve its 6G vision

Wi-Fi 7
Indoor



AOS 10
BASED

730 Series

Wi-Fi 6E Indoor



610 Series 630 Series 650 Series

Hospitality Remote



AOS 10
BASED

600H Series 600R Series

Wi-Fi 6 Indoor



500 Series 510 Series 530 Series 550 Series

Wi-Fi 6 Hospitality Remote



AOS 10
BASED

500H Series 500R Series

Wi-Fi 6E Outdoor & Hazardous



670 and 670EX Series

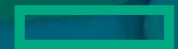
Wi-Fi 6 Outdoor & Hazardous Loc.



518 Series 560 Series 570 Series



560EX Series 570EX Series 580/580EX Series



**Hewlett Packard
Enterprise**

Enjoy the event and Happy world Wi-Fi day