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Accelerating telco innovation and impact through 5G and private networks

Caroline Chan (she/her)

VP and GM, 5G infrastructure Division, Network Platform Group
Intel

Sameer Vuyyuru

Director, Head of Worldwide Telecommunications Business
AWS

Alex Gledhill

Global Telco Business Development Director
Intel

Nilay Rathod

Tribe Lead, Technology Automations and Services
Spark New Zealand

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AWS and Intel – 16+ years of collaboration in the cloud



> “Intel is a very deep partner of AWS and will be for a long time. That’s not changing.”

Andy Jassy
President and CEO, Amazon

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Working together in telecommunications

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Building power-efficient networks

Cloudifying radio access networks and core networks – Fully containerized solutions for next-generation networks



Connecting the disconnected

Private networks – Working to accelerate global private 5G deployments

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What Is a private wireless network?

A WIRELESS NETWORK SET UP SPECIFICALLY FOR DEDICATED USE TO DRIVE BETTER COVERAGE & CONTROL

Private

- Spectrum owned by enterprise or CoSP
- Network management flexibility
- Targeted coverage, for example, campuses, arenas, retail
- Versatile deployment options for vertical use cases

Hybrid

- Uses public and private aspects and network slicing to reduce complexity and cost while increasing capabilities

Public

- Communication service provider-owned spectrum
- Provider manages network and scalable services
- Broad coverage across a wide area
- Licensed spectrum, including mmWave

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Private networks & MEC 2.0 market trends



Pull from software-defined transformation underway in Industry 4.0



Coexistence with wired/Wi-Fi required for mission-critical and non-mission-critical



Address enterprise pain-points with integrated “easy button” to simplify network complexity

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Enterprise private networks benefits



Farming

Food security



Mining

Safety



Education

Connecting the digital divide



Ports

Monitoring emission levels



New homes

Managed service



Smart stadiums

Fun, engaging connectivity

51% of companies are planning to deploy a private 5G network will do so within the next **6 to 24 months** to improve security, reliability, and speed

Source: *Business Wire*

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Collaboration to accelerate private 5G deployments









Announcing two global 5G experience centers in Seattle and London with Private Network labs and industry solution demos

aws.amazon.com/private5g

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