Reinventing Communications Together

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AWS Telecom Strategic Focus Areas

Orchestrate a secure, scalable software driven network

Networks, cloudified.

Accelerate innovation to monetize 5G, Edge and enterprise transformation

Growth, unlocked.

Transform and automate for the future of business

Operations, simplified.

Customer experience, reimagined.

Ignite your data to predict and personalize every interaction with AI/ML

Accelerating business value.
AWS Edge Cloud Continuum for CSPs

**DELIVERING CLOUD WHERE CUSTOMERS NEED IT**

**AWS REGIONS**

- For most use cases:
  - On premises
    - AWS Outposts
  - Metro centers
    - AWS Local Zones
  - CSP sites with 5G networks
    - AWS Wavelength

- For low-latency, local data processing, data residency:
  - AWS IoT Greengrass and FreeRTOS
  - AWS Snow Family

Ubiquitous cloud programming model | Cloud-native DevOps | NFVI layer/network IT microservice base applications/IaaS/PaaS

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AWS SATCOM Support for CSPs

- **Driving down the cost of innovation**
- **Managing and transforming data on earth and in space**
- **Helping to manage and protect valuable space assets**
- **Providing modernized infrastructure and process**

**Reducing Costs**
- Only pay for what you use

**Data Management and Global Access**
- Low-latency access to global cloud infrastructure

**Asset Protection**
- Apply edge computing, AI, ML, and IoT

**Focus on customer needs**
Direct Connect supporting Telco’s and MNO’s through satellite

SES is the first satellite operator to achieve AWS Direct Connect Partner status.
Kacific Goes All-in on AWS to Scale Broadband Delivery

“Kacific is connecting nations across the Asia Pacific so that people in rural and even the most remote areas have the same access to information and services as the urban population,” said Kacific Chief Executive Officer, Christian Patouraux. “With AWS, we now have added agility to rapidly scale as demand grows.” – Extract PR 20 December 2021
Growth, unlocked.
Accelerate innovation to monetize 5G, Edge, and enterprise transformation

Deploy Public and Private Networks with industry-leading edge compute capabilities to build tomorrow's services.

Consistent developer experience – same APIs, tools, and functionality as in the AWS Cloud.

Be the engine of next-gen transformation for enterprise customers with our cloud infrastructure, expertise and developer community.

Networks, cloudified.
Operations, simplified.
Customer experience, reimagined.

Accelerating business value.
AWS Private 5G
AWS managed service for private cellular networks

Set up a private network faster with preintegrated hardware and software

Scale your network dynamically to add more devices or change throughput capacity

Single pane of management and granular access control for all your connected devices
AWS Private 5G – Value proposition

Bringing the cloud model of consumption to private 5G networks

Hassle-free procurement using the AWS Management Console or APIs

Start as small as you want, validate your business requirement, and then scale up as needed

A pricing model where you pay for the throughput capacity you need and not the number of devices you connect

Integrated with AWS Identity and Access Management (IAM) for operational consistency

Same pace of innovation as in the cloud
AWS Private 5G – Top use cases

**Connected factory**

Connect devices, sensors, machines, or legacy equipment within manufacturing facilities to track assembly line production in real time with reliable data linkage across connected machines.

**Enterprise IoT and AR/VR**

Support real-time IoT data processing, low-latency augmented and virtual reality (AR/VR) applications for design engineering, product maintenance, customer support, and educational functions across multiple industries.

**Reliable campus connectivity**

Provide high-quality, reliable indoor/outdoor connectivity at event venues, college campuses, and enterprise facilities. Support data and high-fidelity video communications, security, logistics, and more.
Summing It All Up

AWS is deeply committed to the Telecom industry through:

AWS is enabling a deep eco-system of partners to enable CSPs and their transformation

AWS is delivering business outcomes for CSPs by accelerating time to market, reducing cost and differentiating their business
Thank you!