

SESSIONS

DAY 1 - CENTRAL TIME ZONE - 22/09/2020

BIG 5G Event

September 22-24, 2020

Virtual

Welcome to the BIG 5G Event

10:00am - 10:10am
The BIG 5G Keynotes

Participants

Phil Harvey - Editor in Chief, Light Reading

5G Americas – State of the 5G industry

10:10am - 10:25am
The BIG 5G Keynotes

Participants

Chris Pearson - President, 5G Americas

Service Provider Keynote – What is the roadmap for the transition to standalone 5G?

10:25am - 10:45am
The BIG 5G Keynotes

- Actionable timelines and milestones to hit
- Challenges to hurdle on the standalone journey
- Balancing speed with cost efficiency
- Optimizing 5G core architecture

Participants

Igal Elbaz - Senior Vice President, Wireless & Access Technology, AT&T

Diamond Keynote – No one killer app: Creating a network to support diverse array of applications

10:45am - 11:05am
The BIG 5G Keynotes

- Cloudifying the network: An end to end overhaul of the network as we know it
- What are the most monetizable opportunities for carriers to drive forward?
- Designing an ever-evolving network to support 5G, 6G and beyond

Participants

Masum Mir - VP, Product Management, Mobility and Automation, Cisco

40 MINUTE NETWORKING BREAK

11:05am - 11:45am
The BIG 5G Keynotes

Use this time to:

- Visit out Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

Keynote panel discussion: A technical survival guide to the 5G rollout

11:45am - 12:25pm
The BIG 5G Keynotes

- Tackling network densification and spectrum management
- Designing and delivering an integrated network wide transformation strategy
- Meeting the high expectations of 5G network slicing from a technical perspective
- Can carriers bake security into the fabric of 5G networks effectively?
- Balancing technical requirements alongside minimizing capital expenditure

Participants

Derek Peterson - CTO, Boingo Wireless

Caroline Chan - Vice President and General Manager, Network Business Incubator Division, Intel

Nivi Thadasina - Vice President of Engineering, Samsung Networks, Samsung Electronics America

Moderator: Jim Hodges - Chief Analyst, Heavy Reading

Service Provider Keynote - Accelerating 5G For All

12:25pm - 12:45pm
The BIG 5G Keynotes

- The importance of a multi-band spectrum strategy
- Momentum in mid-band 5G
- The debut of standalone 5G as a platform for innovation
- Building the 5G ecosystem with new use cases

Participants

Neville Ray - President of Technology, T-Mobile

35 MINUTE NETWORKING BREAK

12:45pm - 1:20pm
The BIG 5G Keynotes

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Service Provider Presentation – What does 5G mean for the next generation of smart cities?

1:20pm - 1:35pm
5G Applications and Next Gen Innovation Track

- 5G uncovers the connected promise of smart cities
- Building a resilient transport network to support the development smart cities and connected initiatives
- Key use cases, including video monitoring and IoT data analysis
- Working in partnership with local authorities

Participants

Michael Zeto - Senior Vice President, Global Strategy and Emerging Businesses, Boingo Wireless

Service Provider Presentation - What does cloud native really mean for a telco?

1:20pm - 1:35pm
Cloud Native and Network Transformation Track

- Agility and operational efficiency benefits
- Why cloud native should be a key objective for carriers
- What are the main obstacles to overcome on the journey to cloud native?
- What can carriers learn from cloud native enterprises?

Participants

Chris Sharp - Chief Technology Officer, Digital Realty

Platinum Presentation – 5G Transport Network Evolution: What's coming next in the 5G Transport Network journey?

1:30pm - 1:50pm
5G Transport Track

5G is a game changer! With new RAN technologies, architectures, and interfaces, 5G brings new, never-seen-before challenges to transport networks. During this keynote presentation, Ericsson's Mika Heikkinen, Global Head of Transport Products, will discuss lessons learned from initial 5G RAN deployments and impact to today's transport networks, how the traditional notion of backhaul must evolve with 5G, and share insights as to how transport networks will have to adapt as 5G RAN matures.

Participants

Mika Heikkinen - Head of Product Line, Transport, Ericsson

Platinum Presentation – The possibilities of a highly verticalized approach to 5G

1:35pm - 1:50pm
5G Applications and Next Gen Innovation Track

- Which industries are set to benefit the most from 5G and why?
- Simplifying network slicing for enterprise adoption
- Balancing innovation with commercialization
- How tailored can a network slice be for a specific customer?

Participants

Paul Scanlan - CTO, Carrier Network Business Unit, Huawei Technologies

Gold Presentation – Pushing the limits of network automation to unlock new value and efficiencies

1:35pm - 1:50pm
Cloud Native and Network Transformation Track

- Where are the key priority areas and challenges to overcome when integrating AI into 5G networks?
- How do Radio Access Networks benefit from AI?
- IBM's Edge Computing and Telco Network Cloud Solution.

Participants

Rakshit Mehta - Telco Industry Platform Leader, IBM

Chairperson's opening remarks

1:35pm - 1:45pm
Network Security in a 5G World Workshop

Participants

Jim Hodges - Chief Analyst, Heavy Reading

The service provider perspective: Promoting security by design in the 5G rollout

1:45pm - 2:05pm
Network Security in a 5G World Workshop

- Exploring the key areas of security concern within the network
- What are carriers doing to ensure the network security is priority number one?
- How are carriers ensuring the right 5G security skillsets exist in their teams?

Participants

Sanjay Macwan - CISO & SVP, Engineering & Networks, Vonage

Panel Discussion: Is there an opportunity beyond connectivity for MNOs?

1:50pm - 2:25pm
5G Applications and Next Gen Innovation Track

The cellular mobile industry is rolling out 5G faster than any previous network deployment. This according to the incumbents indicates the industry is in a robust state. However, there is a danger that history may be repeating itself. The industry is focused on the most predominant use case which is enhanced mobile broadband with a business model that they are familiar and comfortable with which is SIM centered sales to consumers.

The growth of IoT has been less than spectacular for many mobile operators because they have found it difficult to address the multiple vertical markets and their diverse needs. In many cases this requires specific domain knowledge. Additionally, each one of the solutions requires a flexibility and adaptability in servicing the ecosystem that is required to deliver the numerous multifaceted and complex solutions. This involves evolved billing solutions, enhanced security and the ability to spin up and scale services rapidly and repeatedly as customer circumstances and application context changes. Questions to be addressed include:

- Will these issues be resolved by the time the MNO's begin to focus on low latency and mission critical enterprise applications?
- Is this just another OTT story where the MNOs lose out to specialized virtual operators / systems integrators?
- What needs to happen to ensure that MNO's make money beyond connectivity
- What are the implications for MNO's and each nation's economy if the networks are financially unsustainable?

Participants

Jim Brisimitzis - Founder and General Partner, 5G Open Innovation Lab

Mohamed Madkour - VP Wireless Networks Marketing & Solutions, Huawei Technologies

T. Sean Obrey - Global Head of Sales for Telco, Family & IoT, Avast

Jacob Reeb - VP of Wireless and Digital Services, Cambridge Consultants

Moderator: Steve Bell - Principal Analyst, Informa Tech Automotive Group

Panel Discussion: Disaggregating the 5G X-haul Network

1:50pm - 2:25pm
5G Transport Track

Disaggregation in telecom networks has been hotly debated for several years, but we are now starting to see real commercial deployments. One of the first and most promising prospects for disaggregation is the X-haul network to support 5G, with operators including AT&T and Telefonica leading the charge. This session provides a deep dive into prospects and opportunities for disaggregation in X-haul, including:

- Why is disaggregation so important in X-haul?
- What is the current status of disaggregated network elements in X-haul networks today?
- Where does disaggregation deliver the strongest benefits: Access? Aggregation? Core? Or all of the above?
- What does the 5G disaggregated network ecosystem look like?
- Does disaggregation necessarily mean white box or will multiple deployment models emerge?
- Most of the attention is on disaggregating the packet layers, but should disaggregation occur in the optical transport layer as well?

Participants

Joe Mocerino - Principal Solutions Architect, Fujitsu

Bob Everson - Senior Director, 5G Architecture, Cisco

Shaji Ravindra Nathan - Vice President, Product Marketing, IP Infusion

Hugh Kelly - Vice President of Marketing, Volta Networks

Moderator: Sterling Perrin - Principal Analyst, Optical Networking & Transport, Heavy Reading

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Panel Discussion: Virtual Machines or Containers – Is there an obvious choice for operators?

1:55pm - 2:30pm

Cloud Native and Network Transformation Track

NFV was designed by carriers to lower costs, increase flexibility and avoid vendor lock-in. The transition to a virtualized infrastructure built on virtual machine technology has taken longer and cost more than they expected. Now - the industry appears to have determined that moving to a Cloud Native environment, built on containers, is the only way to reach the goals that carriers set for themselves with NFV. In this panel we weigh the challenges and opportunities that carriers face in moving to a container base environment and we look at the momentum and successes that some have already established.

Participants

James Feger - General Manager - Service Providers, F5

Amy LaFebre - Director of Technology and Commercial Data Systems, Verizon

Kevin McBride - Principal Architect, SDN & NFV Technologies, CenturyLink

Mike Woster - Chief Revenue Officer and Chief Operating Officer, The Linux Foundation

Moderator: Jennifer Pigg Clark - Principal Analyst, Cloud Infrastructure and Edge Computing, Heavy Reading

Understanding the additional complexities of securing 5G

2:05pm - 2:25pm

Network Security in a 5G World Workshop

- What new network vulnerabilities does 5G introduce?
- IoT and 5G: More data and more connected devices means network hacks could prove to be increasingly detrimental
- Ensuring your security solutions are doing their job
- How can vendors and carriers work together to ensure that security is woven into the fabric of the network?

Participants

John Kimmins - Security Strategy Director, Palindrome Technologies

30 MINUTE NETWORKING BREAK

2:25pm - 2:55pm

5G Applications and Next Gen Innovation Track

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30 MINUTE NETWORKING BREAK

2:25pm - 2:55pm

5G Transport Track

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30 MINUTE NETWORKING BREAK

2:25pm - 2:55pm

Network Security in a 5G World Workshop

Use this time to:

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25 MINUTE NETWORKING BREAK

2:30pm - 2:55pm

Cloud Native and Network Transformation Track

Use this time to:

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Gold Presentation – 5G: Built for the Enterprise

2:55pm - 3:10pm

5G Applications and Next Gen Innovation Track

- Current 5G status/offering around the globe
- 5G evolution
- 5G benefits and innovations (what's available with future 5G)
- What can we learn from 5G rollouts across the globe
- How 5G will come to life in the Enterprise (Manufacturing, Smart Farming/Agriculture, Construction, Smart Cities)
- How 5G will transform lives, industries, infrastructures, and make for a safer society
- Samsung's 5G leadership (full end-to-end offering, IPR, ecosystem, tech leadership, etc.)

Participants

Imran Akbar - VP and GM, New Business, Samsung Networks, Samsung Electronics America

Diamond Presentation – The Midas Touch: Transforming your network into an adaptable, monetizable, cloud native asset

2:55pm - 3:10pm

Cloud Native and Network Transformation Track

- Making speed, dynamism and automation key network priorities to unlock new revenue streams
- Thinking creatively about new avenues for the commercialization of the network
- Laying the virtual network foundations to monetize new 5G applications and services

Participants

Bob Everson - Senior Director, 5G Architecture, Cisco

Super Platinum Presentation – Bringing 5G to Life: Beyond the Spectrum

2:55pm - 3:10pm

5G Transport Track

- Simplified and Secure IP Transport – Network Slicing: Segment Routing, EVPN, etc.
- Packetization of Fronthaul (Cloud RAN with virtualized CU/DU)
- Simplify Operations: Convergence of Metro, Edge and Cloud (Telco/Edge), Telemetry, Programmability, Automation
- Scale Access / Aggregation transport (10GE, 25GE, 100GE, 400GE, Advanced Timing, Packet Optical Convergence)
- Scale up / out Edge & Core: fabric topology, use of spine & leaf designs, etc.
- Threat-Aware Infrastructure

Participants

Andrew Vaz - Vice President, Product Line Management, Juniper Networks

Panel discussion: What actions must carriers take to secure 5G?

2:55pm - 3:40pm

Network Security in a 5G World Workshop

- Which parts of the 5G network are most vulnerable?
- Integrating AI led security software into the network
- To what extent is network slicing a double-edged sword when it comes to the security of 5G networks?
- Securing 5G services in public clouds
- How can carriers successfully monitor the effectiveness of their 5G security solutions?
- A look towards enterprises: Will carriers be able to satisfy the security needs of their customers?

Participants

Edward Fox - CTO, MetTel

Srilakshmi Valisammagari - Senior Technical Manager
- Security Products, Verizon

Peter Thermos - CEO, Palindrome Technologies

Michael Dennis - Global Business Development
Leader, Cloud Security, Cisco

Ashley Stephenson - CTO, Corero Network Security

Moderator: Jim Hodges - Chief Analyst, Heavy
Reading

Panel Discussion: Leveraging 5G for Cable Business Services

3:10pm - 3:45pm

5G Applications and Next Gen Innovation Track

With all four major US telcos now rolling out 5G mobile service across the nation, this next-gen wireless technology could significantly impact cable operators and their business customers. Indeed, 5G could play a key role in the overall commercial services market, enabling businesses to tap into much faster mobile broadband speeds and much greater data and video capabilities.

- How will cableco seek to use 5G to deliver commercial services and compete against the telcos?
- What kinds of new business services will 5G technology enable?
- What role will the new Citizens Broadband Radio Service (CBRS) spectrum play in this equation?

Participants

Jennifer Andreoli-Fang - Distinguished Technologist,
CableLabs

Jack Burton - Principal, Broadband Success Partners

Brian Washburn - Practice Leader, Network
Transformation & Cloud, Omdia

Matt Davis - Founder and Principal Analyst,
Independence Research

Moderator: Alan Breznick - Cable/Video Practice
Leader, Light Reading

Panel Discussion: Measuring and Improving Customer Experience in a 5G World

3:10pm - 3:45pm

Cloud Native and Network Transformation Track

5G will drive the need for proactive and predictive CEM models for industrial and consumer use cases. Operators will need new network analytics tools, and real-time service assurance solutions that leverage big data platforms. Multiple parties within an operator play key roles in delivering customer experience from network optimization to tier 1 customer support. But how well integrated are they into the CEM systems of the operator?

- Can artificial intelligence-based analytics help to anticipate problems before customers are aware?
- Will CSPs be able to predict the network performance and its impact on the customer experience?
- How will operators prioritize network performance issues in order to improve customer experience?

Participants

Max Silber - Vice President of Mobility, MetTel

Jeff Clemow - VP Strategic and Channel Sales NA,
Telit

Chris Neisinger - Field CTO, Guavus a Thales Company

Adnan Khan - Senior Manager – Wireless and Wireline
Market Development, Anritsu

Moderator: James Crawshaw - Principal Analyst,
Service Provider Operations and IT, Omdia

Panel Discussion: Strategies and Architectures for 5G Wholesale Providers

3:10pm - 3:45pm

5G Transport Track

Naturally, much of the 5G discussion focuses on the mobile operators that will offer services directly to consumers and businesses. But there is a significant opportunity for alternative access providers to provide wholesale access connectivity for mobile operators to reach macro and small cells. This panel session explores the 5G requirements and opportunities specifically from the wholesale operator perspective. Topics will include:

- Once fiber is run out to small cells, how should it be lit?
- What are the biggest opportunities for alternative access providers in 5G wholesale services: Backhaul/midhaul? Or emerging 5G fronthaul?
- What are the biggest challenges wholesale providers face in building a profitable 5G X-haul business?
- How do network and architecture requirements differ for wholesale providers compared to mobile network operators?
- Beyond fiber, what role will microwave play in wholesale access connectivity? And what is the role for cable coax?

Participants

Mark Gilmour - VP, Mobile Connectivity Solutions, Colt
Technology Services

Jeff Brown - Director, Global Field Marketing, Calix

Yaron Shilo - Strategic Marketing, RAD

Sanjay Bhatia - VP, Solutions Marketing & Strategy,
Ribbon Communications

Moderator: Sterling Perrin - Principal Analyst, Optical
Networking & Transport, Heavy Reading

Topic Led Speed Networking

3:45pm - 4:45pm

To close out Day 1 of the event, we will be hosting a topic led speed networking session. This session is open to all attendees. Participants will be split into small groups for a series of brief informal discussions around an array of topics, including:

- Which existing or potential 5G applications excite you the most?
- Why is Open RAN so crucial to the wide scale rollout of 5G?
- What does the timeline look like for telcos as they transition to cloud native?
- Does 5G need the edge or does the edge need 5G?
- How should telcos be approaching their spectrum strategy?
- What's your key takeaway from the first year or so of 5G?

Close of Conference Day One

4:45pm - 5:45pm

SCHEDULE

DAY 1 - CENTRAL TIME ZONE - 22/09/2020

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TIME	5G APPLICATIONS AND NEXT GEN INNOVATION TRACK	5G TRANSPORT TRACK	CLOUD NATIVE AND NETWORK TRANSFORMATION TRACK	NETWORK SECURITY IN A 5G WORLD WORKSHOP	THE BIG 5G KEYNOTES
10:00AM					<p>10:00am - Welcome to the BIG 5G Event</p> <p>10:10am - 5G Americas – State of the 5G industry</p> <p>10:25am - Service Provider Keynote – What is the roadmap for the transition to standalone 5G?</p> <p>10:45am - Diamond Keynote – No one killer app: Creating a network to support diverse array of applications</p>
11:00AM					<p>11:05am - *40 MINUTE NETWORKING BREAK*</p> <p>11:45am - Keynote panel discussion: A technical survival guide to the 5G rollout</p>
12:00PM					<p>12:25pm - Service Provider Keynote - Accelerating 5G For All</p> <p>12:45pm - *35 MINUTE NETWORKING BREAK*</p>
1:00PM	<p>1:20pm - Service Provider Presentation – What does 5G mean for the next generation of smart cities?</p> <p>1:35pm - Platinum Presentation – The possibilities of a highly verticalized approach to 5G</p> <p>1:50pm - Panel Discussion: Is there an opportunity beyond connectivity for MNOs?</p>	<p>1:30pm - Platinum Presentation – 5G Transport Network Evolution: What's coming next in the 5G Transport Network journey?</p> <p>1:50pm - Panel Discussion: Disaggregating the 5G X-haul Network</p>	<p>1:20pm - Service Provider Presentation - What does cloud native really mean for a telco?</p> <p>1:35pm - Gold Presentation – Pushing the limits of network automation to unlock new value and efficiencies</p> <p>1:55pm - Panel Discussion: Virtual Machines or Containers – Is there an obvious choice for operators?</p>	<p>1:35pm - Chairperson's opening remarks</p> <p>1:45pm - The service provider perspective: Promoting security by design in the 5G rollout</p>	

SCHEDULE

DAY 1 - CENTRAL TIME ZONE - 22/09/2020

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TIME	5G APPLICATIONS AND NEXT GEN INNOVATION TRACK	5G TRANSPORT TRACK	CLOUD NATIVE AND NETWORK TRANSFORMATION TRACK	NETWORK SECURITY IN A 5G WORLD WORKSHOP	THE BIG 5G KEYNOTES
2:00PM	<p>2:25pm - *30 MINUTE NETWORKING BREAK*</p> <p>2:55pm - Gold Presentation – 5G: Built for the Enterprise</p>	<p>2:25pm - *30 MINUTE NETWORKING BREAK*</p> <p>2:55pm - Super Platinum Presentation – Bringing 5G to Life: Beyond the Spectrum</p>	<p>2:30pm - *25 MINUTE NETWORKING BREAK*</p> <p>2:55pm - Diamond Presentation – The Midas Touch: Transforming your network into an adaptable, monetizable, cloud native asset</p>	<p>2:05pm - Understanding the additional complexities of securing 5G</p> <p>2:25pm - *30 MINUTE NETWORKING BREAK*</p> <p>2:55pm - Panel discussion: What actions must carriers take to secure 5G?</p>	
3:00PM	<p>3:10pm - Panel Discussion: Leveraging 5G for Cable Business Services</p> <p>3:45pm - Topic Led Speed Networking</p>	<p>3:10pm - Panel Discussion: Strategies and Architectures for 5G Wholesale Providers</p> <p>3:45pm - Topic Led Speed Networking</p>	<p>3:10pm - Panel Discussion: Measuring and Improving Customer Experience in a 5G World</p> <p>3:45pm - Topic Led Speed Networking</p>	<p>3:45pm - Topic Led Speed Networking</p>	<p>3:45pm - Topic Led Speed Networking</p>
4:00PM	<p>4:45pm - Close of Conference Day One</p>	<p>4:45pm - Close of Conference Day One</p>	<p>4:45pm - Close of Conference Day One</p>	<p>4:45pm - Close of Conference Day One</p>	<p>4:45pm - Close of Conference Day One</p>

Beyond infrastructure: Applications and skills

9:00am - 10:00am

Breakfast Briefing: Beyond infrastructure: applications and skills

Why don't more people who can get online get online? GSMA research found that 43 percent of people who have broadband access don't use it. Huawei research unearthed some clear reasons why – high smartphone costs, lack of smartphone or internet skills, even lack of interest.

This session will discuss why true digital inclusion must go beyond secure, affordable connectivity, to include access to skills and beneficial, compelling applications and services. It will also highlight successful examples of collaborations among activists, experts, local organizations, and technology providers that are bringing skills and applications to communities around the world.

Participants

Paul Scanlan - CTO, Carrier Network Business Unit, Huawei Technologies

Mohamed Madkour - VP Wireless Networks Marketing & Solutions, Huawei Technologies

Will Townsend - Senior Analyst, Networking Practice, Moor Insights & Strategy

Moderator: Jim Hodges - Chief Analyst, Heavy Reading

Welcome Back to the BIG 5G Event

10:00am - 10:05am

The BIG 5G Keynotes

Participants

Mike Dano - Editorial Director, 5G & Mobile Strategies, Light Reading

Service Provider Fireside Chat – Answering the BIG 5G Questions! What are the top takeaways from 'year 1' of the launch of 5G?

10:05am - 10:25am

The BIG 5G Keynotes

- Let's start with success! What have been the BIG 5G wins to date?
- On a slightly less buoyant note, what were the BIG 5G mistakes made and what have we learnt from this?
- And cutting through the hype, what are the next most exciting BIG 5G developments to look out for?

Participants

Nicola Palmer - Chief Product Development Officer, Verizon

Moderator: Sean McDevitt - Partner, Arthur D. Little

Super Platinum Keynote – Building agile 5G networks for scalability and tailored end user services

10:25am - 10:45am

The BIG 5G Keynotes

- Why carriers must adopt a customer driven approach in order to compete
- Tailoring network slices and architecture to the features and requirements of various 5G enabled applications
- How crucial will open source be to empowering network agility?

Participants

Raj Yavatkar - Senior Vice President, Chief Technology Officer, Juniper Networks

Service Provider Keynote – What do enterprises want from 5G?

10:45am - 11:05am

The BIG 5G Keynotes

- Are expectations aligned with reality?
- Establishing partnerships with carriers
- Short term and longer term 5G enterprise planning

40 MINUTE NETWORKING BREAK

11:05am - 11:45am

The BIG 5G Keynotes

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Keynote panel discussion: The multibillion-dollar question – How will carriers monetize 5G?

11:45am - 12:20pm

The BIG 5G Keynotes

- Keeping it simple: Where are the most immediate 5G wins?
- Are consumer value propositions for 5G services failing to resonate?
- Will carriers really leverage 5G to become strategic suppliers to enterprise?
- Are smaller enterprises being overlooked? How can these companies capitalize on the 5G opportunity?
- Who will win more – SIs, industry specialists, telecoms equipment vendors, or carriers?
- Avoiding revenue erosion, or building new streams? Pricing models for 5G services

Participants

Mishka Dehghan - Vice President, Strategy, Product, & Solutions Engineering, T-Mobile

Masum Mir - VP, Product Management, Mobility and Automation, Cisco

Peter Linder - Head of 5G Marketing, North America, Ericsson

Moderator: Evan Kirchheimer - Vice President, Service Provider and Communications, Omdia

Super Platinum Keynote – 5G & AI: The Ingredients Fueling Tomorrow's Technology Innovations

12:20pm - 12:40pm

The BIG 5G Keynotes

5G and AI are two of the most disruptive technologies the world has seen in decades. While each is individually revolutionizing industries and enabling new experiences, the combination of both 5G and AI is going to be truly transformative. Applying AI not only to the 5G network but also the device will lead to more efficient wireless communications, longer battery life and enhanced user experiences. The low latency and high capacity of 5G will also allow AI processing to be distributed amongst the device, edge cloud and central cloud, enabling flexible system solutions for a variety of use cases.

Participants

John Smee - Vice President, Engineering, Qualcomm

Service Provider Fireside Chat – What does 5G mean for cablecos?

12:40pm - 1:00pm
The BIG 5G Keynotes

- The ongoing debate: Friend or foe?
- To what extent are 10G and 5G complimentary technologies?
- How do cablecos fit into the wider 5G ecosystem?
- Scrutinizing the best options for 5G backhaul for cablecos

Participants

Chris Bastian - CTO and SVP of Engineering, SCTE/ISBE

Tom Williams - CTO, Schurz Communications

Moderator: Alan Breznick - Cable/Video Practice Leader, Light Reading

40 MINUTE NETWORKING BREAK

1:00pm - 1:40pm
The BIG 5G Keynotes

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Platinum Presentation – 5G Early Deployments: Lessons learnt and what's next?

1:40pm - 2:00pm
5G Applications and Next Gen Innovation Track

- 5G Deployments Overview
- Areas for improvement
- Building ORAN Compliant 5G Systems

Participants

Harpinder Matharu - Senior Director, Wired and Wireless Group, Xilinx

Service Provider Presentation – Boingo's virtualized and converged core strategy

1:40pm - 2:00pm
Cloud Native and Network Transformation Track

- Increased network versatility forms the backbone for future deployments of WiFi 6, CBRS and 5G
- Enabling seamless and scalable roaming
- Virtualization of the core will prove essential to meet the demands of repaid network expansion

Participants

Derek Peterson - CTO, Boingo Wireless

Platinum Presentation – Overcoming the key challenges carriers are facing with when deploying next gen RAN

1:40pm - 2:00pm
RAN Evolution Track

- Encountering network densification
- Integrating 5G alongside existing LTE networks
- Enabling massive MIMO
- A solution focused O-RAN approach

Participants

John Baker - Senior Vice President, Business Development, Mavenir

Panel Discussion: Using industry-tailored edge applications to monetize network investments

2:00pm - 2:35pm
5G Applications and Next Gen Innovation Track

Edge computing is not a single technology, but an emerging ecosystem of use cases, applications and resources to help businesses participate in the next generation of digital transformation. Service providers face the challenge of monetizing their investment in Mobile Edge Computing – and other 5G technologies – by exploiting opportunities that aren't fully revealed yet. Before service providers can tap into the new value being created at the edge, they must identify and understand vertical use cases and related applications most likely to gain market traction.

Participants

Stephen Mellor - CTO, Industrial Internet Consortium

Nirjay Kundu - Distinguished Engineer, Verizon

Tymoteusz Wrona - Head of Telecommunications, Presales & Product Management, Comarch

Shubh Agarwal - SVP, Strategic Marketing, Metaswitch

Moderator: Berge Ayvazian - Senior Analyst and Consultant, Wireless 20/20

Panel Discussion: Modernizing OSS/BSS to Support 5G Applications & Services

2:00pm - 2:35pm
Cloud Native and Network Transformation Track

OSS must be transformed to provide more closely coupled network planning and optimization. Service provisioning and fulfilment need to become more dynamic and low touch. Service assurance should support closed loop automation and preventative maintenance.

As physical network elements are increasingly virtualized, the OSS must monitor capacity across both the physical and virtualized domains of a hybrid network.

Participants

Shawn Draper - Vice President of Network Service Fulfillment, Engineering and Field Services, CenturyLink

Ahmad Ali - Senior Technology Alliances Consultant, Blue Prism

Chris Neisinger - Field CTO, Guavus a Thales Company

Val Vaduva - CTO, Enghouse Networks

Moderator: James Crawshaw - Principal Analyst, Service Provider Operations and IT, Omdia

Panel Discussion: The Migration to 5G Standalone

2:00pm - 2:35pm
RAN Evolution Track

Advanced operators will introduce 5G SA (standalone), alongside non-standalone (NSA), in 2020. The first commercial terminals, and support from RAN and core equipment, is expected from mid-year, with progressively greater availability thereafter. The intent of SA is to offer new service types that are either impractical or hard to scale in NSA mode. This session will investigate the service advantages of SA and discuss the critical aspects of the NSA to SA migration. Among the topics to be discussed are:

- RAN strategy and extending 5G coverage to support SA mode
- 5G core deployment options and migration from 4G EPC
- Service implications of SA such as network slicing and URLLC

Participants

Miguel Carames - Director of Network Planning, Verizon Wireless

Reza Arefi - Vice President, GSA

Gilles Garcia - Senior Director, Wired and Wireless Group, Xilinx

Alejandro Holcman - SVP, Corporate Engineering, Qualcomm Technologies

Moderator: Gabriel Brown - Principal Analyst, Mobile Networks & 5G, Heavy Reading

25 MINUTE NETWORKING BREAK

2:35pm - 3:00pm

5G Applications and Next Gen Innovation Track

Use this time to:

- Visit our Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

25 MINUTE NETWORKING BREAK

2:35pm - 3:00pm

Cloud Native and Network Transformation Track

Use this time to:

- Visit our Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

25 MINUTE NETWORKING BREAK

2:35pm - 3:00pm

RAN Evolution Track

Use this time to:

- Visit our Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

Enterprise Fireside Chat: The Road Forward to 5G on the Farm

3:00pm - 3:15pm

5G Applications and Next Gen Innovation Track

- Start with challenges on the farm today and how connectivity plays a role solving them
- Vision: Unlocking the farm of the future through 5G

- Road to 5G: What it takes to integrate it

Participants

Dan Leibfried - Director, Automation & Autonomy, Intelligent Solutions Group, John Deere

Moderator: Emil Olbrich - President, PrimeLime LLC

Gold Presentation – The Cloud Native Paradigm of 5G

3:00pm - 3:15pm

Cloud Native and Network Transformation Track

The ongoing transformation of enterprises across industries is being fueled by mobile technologies such as 5G and the need to offer innovative, personalized services and support business models that are able to scale, manage, secure, analyze and monetize billions of transactions and zettabytes of complex data. As operators are looking to cloud to reap the promised benefits of cost savings, rapid deployment and customer empowerment, planning for these capabilities on the 5G roadmap requires investment in people, processes, and applications. Join us in this session as we discuss the key principles for successful cloud native operations in 5G and the paradigm of cloud driving automation, security, scale and agility to the very core of the 5G network.

Participants

Sameh Naguib - Director, Sales Consulting, Oracle Communications, Oracle Communications

Service Provider Presentation – How can we accelerate the deployment of 5G Open RAN across the US?

3:00pm - 3:15pm

RAN Evolution Track

- Deploying quickly, whilst still prioritizing high quality and economically viable RAN infrastructure
- Baking software driven automation into the 5G rollout lifecycle
- How crucial is an analytics driven approach?
- A need for multi-vendor cooperation and technology

Participants

Prabhakar Chitrapu - Chair, Small Cell Forum

Panel Discussion: Private and hybrid networks transformative role in the automotive supply chain

3:15pm - 3:50pm

5G Applications and Next Gen Innovation Track

The automotive industry is undergoing a fundamental change in its business model as it moves from producing vehicles with internal combustion engines to electric vehicles. Digitalization of its manufacturing and supply chain is essential to its survival as it makes this transition. Underpinning this transition is the need for reliable and secure connectivity to collect data along the entire supply chain to improve delivery efficiencies and meet customer expectations at the same time as squeezing cost out of the entire process. The utilization of private networks within manufacturing facilities and hybrid public private networks across the value chain of vendors is essential to the optimum performance of the ecosystem. Issues to be addressed include:

- The role of the mobile operator in a hybrid network?
- How the automotive industry could be the role model for other industries?
- The challenges of providing an international hybrid network solution
- How must the industry change to serve this market?
- Who else might be winners in this opportunity space?
- The need for a heterogeneous private network?

Participants

Anand Shah - Director, Technology Strategy and Architecture, Verizon

Thomas Magedanz - Director, NGNI Software Based Networks, Fraunhofer FOKUS

Steve Bell - Principal Analyst, Informa Tech Automotive Group

SESSIONS

DAY 2 - CENTRAL TIME ZONE - 23/09/2020

BIG 5G Event
September 22-24, 2020
Virtual

Panel Discussion: SD-WAN vs SD-Branch – How (and where) the demands of the enterprise will be met

3:15pm - 3:50pm

Cloud Native and Network Transformation Track

SD-WAN continues to be a dominant use case for SDN and NFV. SD-WAN solutions, whether software or appliance based can pull many VNFs into a service chain, including virtual firewall, NAT, routing etc. Has the SD-WAN market has evolved to the point where the line is blurring between an SD-WAN solution and an enterprise edge solution that provides a portfolio of virtualized solutions of which SD-WAN is only one? In this session we will examine how SD-WAN has matured and what enterprises and service providers are looking for in a platform.

Participants

Muslim Elkotob - Principal Solutions Architect, Vodafone

Marcelo Oliveira - VP of New Commercial Products, Frontier

Todd Kiehn - VP of Product Management – Managed Services, GTT

Satish Madiraju - Director Products and Solutions, Fortinet

Moderator: Jennifer Pigg Clark - Principal Analyst, Cloud Infrastructure and Edge Computing, Heavy Reading

Panel Discussion: Making the Most of CBRS

3:15pm - 3:50pm

RAN Evolution Track

Over the last few years, North American cable operators have embraced mobile service as a key part of their shifting product bundles. But now, with the rollout of fifth-generation wireless service, the big question is whether cablecos can take advantage of 5G technology and Citizens Broadband Radio Service (CBRS) and other new spectrum to extend their reach and boost their revenues further. Or will they lose out to rival telcos harnessing 5G, CBRS and other new wireless spectrum for their own competitive offerings? In this session, we will focus on the opportunities and challenges that the new CBRS and C-band spectrum bands present for cable and how operators aim to take advantage of these new opportunities.

Participants

Mark Lowenstein - Managing Director, Mobile Ecosystem

Shahed Mazumder - Principal Strategist, Technology Strategy, CableLabs

Michael Zeto - Senior Vice President, Global Strategy and Emerging Businesses, Boingo Wireless

Patrick Henkle - Director Software Systems, JMA Wireless

Xiaoxia Zhang - Principal Engineer, Qualcomm

Moderator: Alan Breznick - Cable/Video Practice Leader, Light Reading

Close of Conference Day Two

3:50pm - 4:50pm

SCHEDULE

DAY 2 - CENTRAL TIME ZONE - 23/09/2020

BIG 5G Event
September 22-24, 2020
Virtual

TIME	5G APPLICATIONS AND NEXT GEN INNOVATION TRACK	BREAKFAST BRIEFING: BEYOND INFRASTRUCTURE: APPLICATIONS AND SKILLS	CLOUD NATIVE AND NETWORK TRANSFORMATION TRACK	RAN EVOLUTION TRACK	THE BIG 5G KEYNOTES
9:00AM		9:00am - Beyond infrastructure: Applications and skills			
10:00AM					<p>10:00am - Welcome Back to the BIG 5G Event</p> <p>10:05am - Service Provider Fireside Chat – Answering the BIG 5G Questions! What are the top takeaways from 'year 1' of the launch of 5G?</p> <p>10:25am - Super Platinum Keynote – Building agile 5G networks for scalability and tailored end user services</p> <p>10:45am - Service Provider Keynote – What do enterprises want from 5G?</p>
11:00AM					<p>11:05am - *40 MINUTE NETWORKING BREAK*</p> <p>11:45am - Keynote panel discussion: The multibillion-dollar question – How will carriers monetize 5G?</p>
12:00PM					<p>12:20pm - Super Platinum Keynote – 5G & AI: The Ingredients Fueling Tomorrow's Technology Innovations</p> <p>12:40pm - Service Provider Fireside Chat – What does 5G mean for cablecos?</p>

SCHEDULE

DAY 2 - CENTRAL TIME ZONE - 23/09/2020

BIG 5G Event
September 22-24, 2020
Virtual

TIME	5G APPLICATIONS AND NEXT GEN INNOVATION TRACK	BREAKFAST BRIEFING: BEYOND INFRASTRUCTURE: APPLICATIONS AND SKILLS	CLOUD NATIVE AND NETWORK TRANSFORMATION TRACK	RAN EVOLUTION TRACK	THE BIG 5G KEYNOTES
1:00PM	1:40pm - Platinum Presentation – 5G Early Deployments: Lessons learnt and what's next?		1:40pm - Service Provider Presentation – Boingo's virtualized and converged core strategy	1:40pm - Platinum Presentation – Overcoming the key challenges carriers are facing with when deploying next gen RAN	1:00pm - *40 MINUTE NETWORKING BREAK*
2:00PM	2:00pm - Panel Discussion: Using industry-tailored edge applications to monetize network investments 2:35pm - *25 MINUTE NETWORKING BREAK*		2:00pm - Panel Discussion: Modernizing OSS/BSS to Support 5G Applications & Services 2:35pm - *25 MINUTE NETWORKING BREAK*	2:00pm - Panel Discussion: The Migration to 5G Standalone 2:35pm - *25 MINUTE NETWORKING BREAK*	
3:00PM	3:00pm - Enterprise Fireside Chat: The Road Forward to 5G on the Farm 3:15pm - Panel Discussion: Private and hybrid networks transformative role in the automotive supply chain 3:50pm - Close of Conference Day Two	3:50pm - Close of Conference Day Two	3:00pm - Gold Presentation – The Cloud Native Paradigm of 5G 3:15pm - Panel Discussion: SD-WAN vs SD-Branch – How (and where) the demands of the enterprise will be met 3:50pm - Close of Conference Day Two	3:00pm - Service Provider Presentation – How can we accelerate the deployment of 5G Open RAN across the US? 3:15pm - Panel Discussion: Making the Most of CBRS 3:50pm - Close of Conference Day Two	3:50pm - Close of Conference Day Two

SESSIONS

DAY 3 - CENTRAL TIME ZONE - 24/09/2020

BIG 5G Event

September 22-24, 2020
Virtual

Panel discussion: Laying the foundations for female telco leaders now and for future generations

9:00am - 9:30am

Breakfast Briefing: Women in Telecoms

- Breaking down the successes to date
- The most important question: What more needs to be done to promote gender equality?
- Encouraging the next generation of women to enter the industry
- What defines great women leaders today?
- What role are men playing to endorse gender equality?

Participants

Becky Carr - Chief Marketing Officer, Masergy

Cheryl Keeler - Vice President, Business, T-Mobile

Amy LaFebre - Director of Technology and Commercial Data Systems, Verizon

Victoria Lamberth - Co-founder and Chief Revenue Officer, ZenFi Networks

Moderator: Jennifer Pigg Clark - Principal Analyst, Cloud Infrastructure and Edge Computing, Heavy Reading

Breaking the wheel: How will we close the telecoms gender gap?

9:30am - 9:45am

Breakfast Briefing: Women in Telecoms

- Understanding the reasons why we face a gender gap in the first place
- Further promoting women's positive and intellectual contributions
- Don't just rely on leadership: How can we all become internal influencers to stimulate significant change?

Participants

Srilakshmi Valisammagari - Senior Technical Manager - Security Products, Verizon

At the bar with... Mireille Helou

9:45am - 10:05am

Breakfast Briefing: Women in Telecoms

During this informal interview, we will hear from Mireille Helou, CEO of Orange Silicon Valley about her career to date. We will dive into her biggest achievements, those who have inspired and influenced her during her career, as well as key obstacles overcome along the way.

Participants

Mireille Helou - Chief Executive Officer, Orange Silicon Valley

Moderator: Jennifer Pigg Clark - Principal Analyst, Cloud Infrastructure and Edge Computing, Heavy Reading

Welcome Back to the BIG 5G Event

10:05am - 10:10am

The BIG 5G Keynotes

KT Leading the 5G Industry

10:10am - 10:25am

The BIG 5G Keynotes

- 'Your Superpower, KT 5G' campaign
- How does bringing 5G to highways, airports and railways look like?
- Enabling 5G in large indoor spaces and the use cases enabled

Participants

Youngsoo Seo - SVP, Head of Network Technology Unit, KT

Keynote panel discussion: How will 5G redefine everything?

10:25am - 11:00am

The BIG 5G Keynotes

- How will 5G reshape service providers and vendors as organizations?
- Considering the role of others in the 5G ecosystem
- Reshaping customer interactions and expectations
- What key changes have our Panelists already witnessed both internally and externally thanks to 5G?
- Where are we on the road to redefining everything?

Participants

Gordon Mansfield - Vice President of Mobility and Access Architecture, AT&T

Gabriel Sidhom - VP - Technology Strategy & Development, Orange Silicon Valley

Constantine Polychronopoulos - Vice President, 5G & Telco Cloud, Juniper Networks

Moderator: Chris Pearson - President, 5G Americas

Super Platinum Keynote – The 5G race and industry leadership in the digital era

11:00am - 11:20am

The BIG 5G Keynotes

5G is an innovation platform that will bring billions of dollars in benefits to enterprises, public sector and service providers. The key is winning the global Race to 5G, to gain first-mover advantage and help industry segments take the lead in new growth opportunities. This keynote will share intriguing use cases and an approach to capitalize on the 5G platform.

Participants

Niklas Heuvelodop - President and CEO, Ericsson North America, Ericsson

Service Provider Keynote – What differentiates TELUS's 5G rollout from the crowd?

11:20am - 11:40am

The BIG 5G Keynotes

- Architecting an enterprise ready network on demand
- Addressing increased security exposure issues head on
- Taking strides to make massive MIMO a fully realized network characteristic
- A commitment to interoperability

Participants

Bernard Bureau - Vice President, Network and Architecture Strategy, TELUS

40 MINUTE NETWORKING BREAK

11:40am - 12:20pm

The BIG 5G Keynotes

Use this time to:

- Visit our Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

Enterprise Presentation – How Kaiser Permanente is leveraging 5G to facilitate remote patient care

12:20pm - 12:35pm

5G Applications and Next Gen Innovation Track

- Utilizing the low latency and increased capacity of 5G to improve quality of care
- What can be done with 4G for effective interim solutions?
- Creating operational efficiencies and cost savings by avoiding unnecessary home visits
- Kaiser Permanente's 5G center of excellence

Participants

Kristan Kline - Principal Network Strategy, Chief Digital Office, Kaiser Permanente

Service Provider Presentation – Enhancing customer experience and service delivery with AI & ML

12:20pm - 12:35pm

Cloud Native and Network Transformation Track

- How well can you know your customer with AI?
- Timely customer interactions: Not just offering what customers want, but understanding when they want it
- Drilling down another level from segmentation to 1-to-1 personalized marketing strategies

Participants

Rob Mello - Head of Strategy and Transformation, Americas, Orange Business Services

Service Provider Presentation – Verizon's journey to the edge

12:20pm - 12:35pm
The Edge Track

- Next gen edge native solutions and commercial deployments
- Developing at the edge
- Building a scalable GPU based edge platform
- What's next for Verizon's edge computing capability?

Participants

Raheel Khalid - Chief Engineer, XR Edge, Verizon

Chairman's Opening Remarks & Analyst Intro: Launching LATAM into 5G: Understanding the Region's Potential

12:20pm - 12:30pm
5G Latin America Track

- What progress is being made in LATAM towards 5G?
- Trials and launches in the LATAM market
- Economics of 5G: justifying ROI in an age of austerity
- Lessons learned: insights from global tests, trials and commercial launches

Participants

Jose Otero - Vice President: Latin America & Caribbean, 5G Americas

Panel Discussion: Spectrum and Regulation to Propel the LATAM 5G Opportunity Forwards

12:30pm - 1:05pm
5G Latin America Track

- Identifying the frequency primed for 5G in LATAM markets
- Competition and cooperation: regulator view on spectrum sharing
- Frequency auctions vs refarmed spectrum: what are the opportunities for operators?
- Engaging the unlicensed spectrum: what are the plans and opportunities here?
- How can regulators across LATAM support operators to deliver on the 5G promise?

Participants

Moderator: Gerardo Mantilla - Regulatory Project Director, Artifex Consulting

Panellist: Javier Juarez Mojica - Commissioner, Federal Telecommunications Institute Mexico (IFT)

Panellist: Fernando Hernandez Sanchez - Telecommunications Department Manager, URSEC

Panellist: Nilo Pasquali - Superintendent of Planning and Regulation, ANATEL

Panellist: Jose Aguilar - General Director of Policy and Regulation, MTC

Service Provider Presentation – A closer look into Vehicle-to-Everything (V2X) communication

12:35pm - 12:50pm
5G Applications and Next Gen Innovation Track

- Improving road safety through the low latency of edge-enabled AI
- Prioritizing spectrum planning to ensure the future of connected cars
- Why interoperability is essential to enable autonomous driving

Participants

Jyoti Sharma - Manager - Technology, Strategy, Architecture & Planning, Verizon

Gold Sponsor Presentation – Understanding the need for DDI automation in 5G

12:35pm - 12:50pm
Cloud Native and Network Transformation Track

In an increasingly 5G and Edge world - DDI matters more than ever. As communications service providers embrace the distributed cloud model to power new 5G and multi-access edge computing services, they need to understand and reassess their DNS, DHCP, and IP Address Management (IPAM) strategies and product requirements.

Join Paul Adair, Principal Product Manager for Service Provider Solutions at Infoblox, to understand how DDI automation is a critical element of the new network architectures and technologies. Key topics in this session include:

- The criticality in filling the DDI automation gap in 5G
- Defining use cases for DNS and NRF automation
- IPAM for network functions and user equipment via SMF
- The automated rollout of 5G NR using DHCP and network discovery

Participants

Paul Adair - Principal Product Manager, Infoblox

Super Platinum Presentation: Bringing the smart factory to life with 5G and MEC

12:35pm - 12:50pm
The Edge Track

- Combining IoT and 5G to enable advances in manufacturing
- Automation of robotics
- Empowering higher flexibility, lower costs, and shorter lead times for factory floor production and reconfiguration
- Distributed cloud to bring workloads closer to the edge and support real time data collection and analysis

Participants

Xiaoxia Zhang - Principal Engineer, Qualcomm

45 MINUTE NETWORKING BREAK

12:50pm - 1:35pm
5G Applications and Next Gen Innovation Track

Use this time to:

- Visit out Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

Gold Presentation – Patterns for a Successful Cloud-Native 5G Core Production Deployment

12:50pm - 1:05pm
Cloud Native and Network Transformation Track

- Defining your path to cloud-native
- Architecting with purpose
- Operating with security
- Adopting the GitOps model
- Establishing a set of best practices

Participants

Narendra Narang - Chief Account Technologist, Telco, Red Hat

Gold Presentation – Hardware in a Virtualized World: The Impact of COTS Hardware in a Standalone 5G Network

12:50pm - 1:05pm
The Edge Track

Operators used to be multi-protocol with every network service having its own hardware silo. With the adoption of every service over IP, Operators could start to converge their networks onto a common platform. As services decoupled from the transport layer, they transformed into VNFs enabling fully software-defined networks. AT&T took the lead with CORD, and then 5G adopted a Cloud Native Architecture. CRAN and vRAN brought these techniques to the RAN. While software gets all the attention, all that NFV still needs hardware to execute. This session looks at the role of and benefit of COTS hardware as the foundation of modern standalone 5G networks.

Participants

Michael Clegg - VP & GM for 5G, Embedded and IOT, Super Micro Computer Inc.

30 MINUTE NETWORKING BREAK

1:05pm - 1:35pm
Cloud Native and Network Transformation Track

Use this time to:

- Visit out Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

30 MINUTE NETWORKING BREAK

1:05pm - 1:35pm
The Edge Track

Use this time to:

- Visit out Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

30 MINUTE NETWORKING BREAK

1:05pm - 1:35pm
5G Latin America Track

Use this time to:

- Visit out Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

Panel Discussion: Shifting gears from data analytics into AI driven insight

1:35pm - 2:10pm
5G Applications and Next Gen Innovation Track

Next-generation networks are evolving into very complex systems because of the diversified service requirements, applications and devices. Operators have access to large amounts of data about the network and users. But optimizing and operating such networks using conventional data analysis tools is no longer feasible. Instead, a new paradigm of proactive, self-aware, self-adaptive and predictive analytics is needed.

This panel will discuss the data sources and drivers for the adoption of the data analytics and the role of artificial intelligence in making the network self-aware, self-adaptive, proactive and prescriptive.

Participants

Sanjay Macwan - CISO & SVP, Engineering & Networks, Vonage

Richard Piasentin - Chief Strategy & Chief Marketing Officer, Accedian

Tim Danks - VP Risk Management & Partner Relations, Huawei Technologies

Moderator: James Crawshaw - Principal Analyst, Service Provider Operations and IT, Omdia

Panel Discussion: Cloud Native 5G Core (from VMs to Containers)

1:35pm - 2:10pm
Cloud Native and Network Transformation Track

To realize the full range of service advantages of 5G operators must migrate to a 5G core (5GC) and standalone (SA) mode operation. 5GC is widely expected to be a cloud native deployment with the ability to distribute functions, applications, services across the network from core to edge. This session will investigate 5GC deployment strategies. Among the topics covered include:

- 5G core using virtual network functions (VNFs) and cloud-native network functions (CNFs)
- Discuss pro and cons of overlay deployments for 5GC vs integrated converged 4G/5G core
- Roadmap to full "cloud native" 5GC using containers and Kubernetes

Participants

Edward Fox - CTO, MetTel

Mark Jen - CTO and Co-Founder, Common Networks

Marc Price - CTO, MATRIXX Software

Moderator: Gabriel Brown - Principal Analyst, Mobile Networks & 5G, Heavy Reading

Panel Discussion: Connectivity for the Edge Computing Era

1:35pm - 2:10pm
The Edge Track

The demands of 5G and the use cases that it enables – Massive Machine Type Communications, IoT, Fixed Wireless Access, Edge Computing, virtual and augmented reality – places a spotlight on role of the Edge Computing. Edge computing promises to push the cloud closer to the end user with local compute, storage and connectivity resources providing a better customer experience and enabling whole new sets of applications. However, the edge is an ambiguous area of the network. What constitutes the edge? What are the attributes of an effective edge computing solution and what are the architectural requirements of that solution? In this panel we debate the future of Edge Computing – In terms of dominant use cases, connectivity demands and platform choices.

- What use cases will provide an ROI that justifies Edge Computing to the carrier?
- How will Edge computing impact network bandwidth and connectivity requirements throughout the network?
- How will platform requirements vary with place in the network?
- Will Edge Computing platforms be generic white boxes, or will throughput, latency and signaling demands mean that we will turn with increasing frequency to optimized platforms with imbedded acceleration technology?
- How do we secure corporate resources in an edge computing world where network, compute, and storage footprint have expanded dramatically?

Participants

Antonio Pellegrino - CEO, Mutable

Anand Shah - Director, Technology Strategy and Architecture, Verizon

Wen Temitim - Vice President, Edge Cloud, Juniper Networks

Adam Gould - SVP of Product Management, Inseego

Moderator: Jim Hodges - Chief Analyst, Heavy Reading

Latin American Use Case | The MVNO Experience in Argentina

1:35pm - 1:50pm
5G Latin America Track

Participants

Ariel Fernandez Alvarado - President, Catel

Session Reserved for Zinier

1:50pm - 2:05pm
5G Latin America Track

SESSIONS

DAY 3 - CENTRAL TIME ZONE - 24/09/2020

BIG 5G Event

September 22-24, 2020
Virtual

The Impact of 5G on the Digital Channels Landscape

2:05pm - 2:20pm
5G Latin America Track

- Faster speeds and powerful bandwidths: ensuring cloud scalability for the needs of 5G
- Meeting the demands of URLLC
- Preparing for the IoT explosion: is the data lake ready for the challenge?
- 5G localisation: the challenges of outdoors vs indoor

Participants

Gustavo Morais - Digital Director, Sky Brazil

Enterprise Presentation – Exploring the benefits of private cellular networks for enterprises

2:10pm - 2:30pm
5G Applications and Next Gen Innovation Track

- Optimizing business processes in way that are not possible with existing wired and WiFi connectivity
- Future proofing LTE private networks to capitalize on 5G deployment
- Is there an optimal architecture for private networks?

Participants

Mark Rewers - Director of IT, American Dream Meadowlands

Service Provider Presentation – Why SD-WAN is more important than ever for carriers

2:10pm - 2:25pm
Cloud Native and Network Transformation Track

- SD-WAN to provide a simple and elegant solution that provides connectivity from the core to the enterprise easily
- Create, monetize, and deliver enterprise services with increased agility and lower costs

Participants

John Isch - Practice Director – Connectivity Solutions, Orange Business Services

Innovation Lab Presentation – How can carriers look to make 5G edge application development more accessible?

2:10pm - 2:25pm
The Edge Track

- The importance of converged edge platform APIs for edge application developers
- Knitting together the accessibility of cloud and the low latency, high bandwidth of edge
- Who is already developing at the edge and what more do they need from carriers to drive forward future innovation?

Participants

Jim Brisimitzis - Founder and General Partner, 5G Open Innovation Lab

5G and Automotive: Imagining a Connected Future

2:20pm - 2:35pm
5G Latin America Track

- Connected vehicles today: what progress has been made so far?
- Dealing with data volume and speeds: identifying and overcoming challenges
- V2X and AI technologies for the connected vehicle
- Understanding ecosystems: what is needed in for the connected car revolution?

Participants

Alexandre Vargha - Project Leader: Connected Services, Volvo

30 MINUTE NETWORKING BREAK

2:25pm - 2:55pm
Cloud Native and Network Transformation Track

Use this time to:

- Visit out Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

15 MINUTE NETWORKING BREAK

2:25pm - 2:40pm
The Edge Track

Use this time to:

- Visit out Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

25 MINUTE NETWORKING BREAK

2:30pm - 2:55pm
5G Applications and Next Gen Innovation Track

Use this time to:

- Visit out Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

15 MINUTE NETWORKING BREAK

2:35pm - 2:50pm
5G Latin America Track

Use this time to:

- Visit out Virtual Expo
- Check out our LIVE Product Demo Programme
- Browse through the Product Gallery
- Connect with other attendees

Silver Presentation – Breaking down the intrinsic links between cloud, edge and 5G: Identifying the easy wins for carriers

2:40pm - 2:55pm
The Edge Track

- Opportunities for carriers with the convergence and partnerships between mobility, cloud and enterprise
- Delivering more intelligent and dynamic services for customers thanks to cloud capabilities

Participants

Ashwin Moranganti - Chief Product Officer, Affirmed Networks

Panel Discussion: Network Migration Strategies for LATAM Operators

2:50pm - 3:25pm
5G Latin America Track

- What are the challenges that need to be overcome in order to migrate the network to 5G?
- 4G, LTE and 5G: delivering on network agility and viability in operations
- NFV, Cloud Native, Automation and Edge technologies to deliver the network
- Preparing the RAN for network migration: challenges and opportunities in network operations

Participants

Moderator: Ari Lopes - Senior Manager: Americas, Omdia

Panelist: Jorge Alberto Tello - Core Network Specialist, Entel Peru

Panelist: Alberto Boaventura - Technology Consultant, Oi Brazil

Panelist: Roel Cueva - Chief IT PMO, Bitel Peru

SESSIONS

DAY 3 - CENTRAL TIME ZONE - 24/09/2020

BIG 5G Event
September 22-24, 2020
Virtual

Service Provider Presentation – 5G fixed wireless broadband for consumer customers

2:55pm - 3:10pm

5G Applications and Next Gen Innovation Track

- Creating a credible fixed wireless business case
- What does fixed wireless offer over fixed line for customers?
- Rapid fixed wireless broadband deployment
- Opportunities to offer additional monetizable consumer services in conjunction with fixed wireless

Participants

Mark Jen - CTO and Co-Founder, Common Networks

Industry Presentation – Solving the cloud native 5G core security conundrum

2:55pm - 3:10pm

Cloud Native and Network Transformation Track

- System wide security solutions
- Compartmentalizing the network to protect the core from breaches
- Is Industry sufficiently prioritizing security in their 5G rollouts?
- The flip side of the coin: Opportunities for new 5G enabled security services

Participants

Sunil Lingayat - Cybersecurity Senior Executive, .

Service Provider Fireside Chat – Bringing edge native applications to life and the benefits on offer to carriers

2:55pm - 3:10pm

The Edge Track

- Edge native applications vs. Edge enhanced applications
- What kinds of applications will make the edge valuable and do they have common characteristics?
- Assessing how edge-native applications differ from other applications that may also use the edge, but cannot command a premium for its use

Participants

Kevin McBride - Principal Architect, SDN & NFV Technologies, CenturyLink

Moderator: Sue Rudd - Director, Service Provider Analytics, Strategy Analytics

Presentation – Interacting with enterprises and developers: How can 5G be made more user friendly?

3:10pm - 3:25pm

5G Applications and Next Gen Innovation Track

- What steps are carriers currently taking to engage the end user ecosystem now and how can they look to improve?
- What do developers need to take a lead in 5G innovation?
- Considering the role of 5G test labs

Participants

Dirck Schou - Chief Executive Officer, Taqtile

Close of Conference

3:25pm - 3:30pm

SCHEDULE

DAY 3 - CENTRAL TIME ZONE - 24/09/2020

BIG 5G Event
September 22-24, 2020
Virtual

TIME	5G APPLICATIONS AND NEXT GEN INNOVATION TRACK	5G LATIN AMERICA TRACK	BREAKFAST BRIEFING: WOMEN IN TELECOMS	CLOUD NATIVE AND NETWORK TRANSFORMATION TRACK	THE BIG 5G KEYNOTES	THE EDGE TRACK
9:00AM			<p>9:00am - Panel discussion: Laying the foundations for female telco leaders now and for future generations</p> <p>9:30am - Breaking the wheel: How will we close the telecoms gender gap?</p> <p>9:45am - At the bar with... Mireille Helou</p>			
10:00AM					<p>10:05am - Welcome Back to the BIG 5G Event</p> <p>10:10am - KT Leading the 5G Industry</p> <p>10:25am - Keynote panel discussion: How will 5G redefine everything?</p>	
11:00AM					<p>11:00am - Super Platinum Keynote – The 5G race and industry leadership in the digital era</p> <p>11:20am - Service Provider Keynote – What differentiates TELUS's 5G rollout from the crowd?</p> <p>11:40am - *40 MINUTE NETWORKING BREAK*</p>	

SCHEDULE

DAY 3 - CENTRAL TIME ZONE - 24/09/2020

BIG 5G Event

September 22-24, 2020
Virtual

TIME	5G APPLICATIONS AND NEXT GEN INNOVATION TRACK	5G LATIN AMERICA TRACK	BREAKFAST BRIEFING: WOMEN IN TELECOMS	CLOUD NATIVE AND NETWORK TRANSFORMATION TRACK	THE BIG 5G KEYNOTES	THE EDGE TRACK
12:00PM	<p>12:20pm - Enterprise Presentation – How Kaiser Permanente is leveraging 5G to facilitate remote patient care</p> <p>12:35pm - Service Provider Presentation – A closer look into Vehicle-to-Everything (V2X) communication</p> <p>12:50pm - *45 MINUTE NETWORKING BREAK*</p>	<p>12:20pm - Chairman's Opening Remarks & Analyst Intro: Launching LATAM into 5G: Understanding the Region's Potential</p> <p>12:30pm - Panel Discussion: Spectrum and Regulation to Propel the LATAM 5G Opportunity Forwards</p>		<p>12:20pm - Service Provider Presentation – Enhancing customer experience and service delivery with AI & ML</p> <p>12:35pm - Gold Sponsor Presentation – Understanding the need for DDI automation in 5G</p> <p>12:50pm - Gold Presentation – Patterns for a Successful Cloud-Native 5G Core Production Deployment</p>		<p>12:20pm - Service Provider Presentation – Verizon's journey to the edge</p> <p>12:35pm - Super Platinum Presentation: Bringing the smart factory to life with 5G and MEC</p> <p>12:50pm - Gold Presentation – Hardware in a Virtualized World: The Impact of COTS Hardware in a Standalone 5G Network</p>
1:00PM	<p>1:35pm - Panel Discussion: Shifting gears from data analytics into AI driven insight</p>	<p>1:05pm - *30 MINUTE NETWORKING BREAK*</p> <p>1:35pm - Latin American Use Case The MVNO Experience in Argentina</p> <p>1:50pm - Session Reserved for Zinier</p>		<p>1:05pm - *30 MINUTE NETWORKING BREAK*</p> <p>1:35pm - Panel Discussion: Cloud Native 5G Core (from VMs to Containers)</p>		<p>1:05pm - *30 MINUTE NETWORKING BREAK*</p> <p>1:35pm - Panel Discussion: Connectivity for the Edge Computing Era</p>

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2:00PM	<p>2:10pm - Enterprise Presentation – Exploring the benefits of private cellular networks for enterprises</p> <p>2:30pm - *25 MINUTE NET-WORKING BREAK*</p> <p>2:55pm - Service Provider Presentation – 5G fixed wireless broadband for consumer customers</p>	<p>2:05pm - The Impact of 5G on the Digital Channels Landscape</p> <p>2:20pm - 5G and Automotive: Imagining a Connected Future</p> <p>2:35pm - *15 MINUTE NET-WORKING BREAK*</p> <p>2:50pm - Panel Discussion: Network Migration Strategies for LATAM Operators</p>		<p>2:10pm - Service Provider Presentation – Why SD-WAN is more important than ever for carriers</p> <p>2:25pm - *30 MINUTE NET-WORKING BREAK*</p> <p>2:55pm - Industry Presentation – Solving the cloud native 5G core security conundrum</p>		<p>2:10pm - Innovation Lab Presentation – How can carriers look to make 5G edge application development more accessible?</p> <p>2:25pm - *15 MINUTE NET-WORKING BREAK*</p> <p>2:40pm - Silver Presentation – Breaking down the intrinsic links between cloud, edge and 5G: Identifying the easy wins for carriers</p> <p>2:55pm - Service Provider Fireside Chat – Bringing edge native applications to life and the benefits on offer to carriers</p>
3:00PM	<p>3:10pm - Presentation – Interacting with enterprises and developers: How can 5G be made more user friendly?</p> <p>3:25pm - Close of Conference</p>	3:25pm - Close of Conference	3:25pm - Close of Conference	3:25pm - Close of Conference	3:25pm - Close of Conference	3:25pm - Close of Conference