SESSIONS

INTEL® NETWORK BUILDERS INNOVATION SUMMIT - 17/09/2019

Network Virtualization & SDN Americas

September 17-19, 2019
Dallas Marriott Las Colinas
Dallas, Texas

Intel® Network Builders Innovation Summit

8:30am - 5:30pm

Following up on the Innovation Summits delivered last year in Madrid and Singapore, the Intel® Network Builders Program is inviting you to attend the 2019 Innovation Summit, in conjunction with the Network Virtualization & SDN Americas. Taking palce on September 17th, in Dallas, this exclusive summit focuses on the Communication Service Provider community, bringing a mixture of keynotes and panel discussions on the transformation of the network from end to end.

Hear from the leaders driving technical innovation; explore the trends in digital transformation, edge computing, AI and 5G; share insights with members of the Communications Service Provider community and meet senior Intel executives that are guiding the industry towards the evolution of network infrastructures.

SCHEDULE
INTEL® NETWORK BUILDERS INNOVATION SUMMIT - 17/09/2019

TIME	
8:00AM	**8:30am** - Intel® Network Builders Innovation Summit

SESSIONS
CONFERENCE DAY 1 - 18/09/2019

Network Virtualization & SDN Americas

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Registration & Welcome Coffee

8:00am - 9:15am

Welcome

9:15am - 9:20am

Host Operator Opening Keynote

9:20am - 9:40am

Participants

Josh Goodell - VP of Intelligent Edge, AT&T

Opening Vendor Insight

9:40am - 10:00am

Keynote Panel: NFV & SDN Clearing the Cloud-Native Hurdle

10:00am - 10:45am

The very first SDN and NFV use cases were not cloud native and, without that capability, those applications won't be able to scale quickly enough to keep up with soaring network traffic levels. In this panel, we'll discuss:

· What progress has been made on NFV and SDN? What are the success stories?

· What's holding operators back from advancing their NFV and SDN strategies?

· How and what kind of telco applications are moving to the cloud? How are we getting them there?

· What are some of the new business models and opportunities that have been unlocked by virtualization?

Participants

Moderator: Phil Harvey - US News Editor, Light Reading

Panelist: David Hughes - VP, IP Engineering, PCCW Global

Panelist: Chen Goldenberg - Head of Technical Engineering Services, Drivenets

Panelist: Bryce Mitchell - Director of NFV, Cloud, Innovation Labs & Support Networks, Telus

Ericsson Principal Keynote

10:45am - 11:05am

Coffee Break

11:05am - 11:25am

Fireside Chat with a Service Provider

11:25am - 11:40am

Lightning Talks: The Importance of NFV & SDN to 5G Strategies

11:40am - 12:25pm

You thought we'd go through a whole event without mentioning 5G? WRONG! This quick round of talks focuses solely on the importance of NFV and SDN as network operators are building out and offering 5G services.

Up to 6x 5 min. presentations; 10-15 min. discussion; 10-min. Q&A

Participants

Moderator: Phil Harvey - US News Editor, Light Reading

Panelist: Prayson Pate - Chief Technology Officer of Edge Cloud, ADVA

Lunch, Networking and Tabletop Displays

12:25pm - 2:00pm

Business Case & ROI Opening Thoughts

2:00pm - 2:15pm
Virtualization Business Models & ROI

Disaggregation at scale - building Telco networks like hyperscalers

2:00pm - 2:15pm
Network Cloudification: Deconstruction & Development

Participants

Ofer Weill - Director of Product Marketing, Drivenets

Heavy Reading Research Presentation

2:15pm - 2:30pm
Virtualization Business Models & ROI

Participants

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

Heavy Reading Research Presentation

2:15pm - 2:30pm
Network Cloudification: Deconstruction & Development

Participants

Jim Hodges - Chief Analyst, Heavy Reading

Lightning Talk - WAN OFF: SD-WAN, a Longterm Business Model for Virtualized Services, or just a One-Off?

2:30pm - 3:15pm
Virtualization Business Models & ROI

SD-WAN is revolutionizing branch-office connectivity in the era of cloud, and operators globally are jumping on board, many for fear of missing out on the next big thing in enterprise services. Still, from a network operator's perspective, what is the end game? Competing on price versus legacy MPLS services is a race to the bottom. Many operators have long-term plans of integrating SD-WAN as part of their overall NFV strategies, but this too is not easy.

This series of lightning talks will take a hard look at the future of managed SD-WANs from a business point-of-view. What is the best business model for SD-WAN, and how should it be implemented? Or, is SD-WAN best positioned as a point-product in a larger enterprise services portfolio?

Participants

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

Presenter: Ari Blau - Director, Product Management - Network and Transformation, Bell Canada

Presenter: John Isch - Practice Director - Network and Voice Center of Excellence, Orange Business Services

Lightning Talk: Telco-Cloud Strategy - Pick a Cloud - Any Cloud

2:30pm - 3:15pm
Network Cloudification: Deconstruction & Development

One of the most important decisions service providers must make in their virtualization journey is whether to implement virtualized services in private, public or hybrid clouds.

These lightning talks will document the factors and related decision points that will drive this selection process including considering the impact of deploying cloud-native services in whatever configuration(s) is implemented.

Participants

Moderator: Jim Hodges - Chief Analyst, Heavy Reading

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Fireside Chat: Has Virtualization Made it's Return Yet?

3:15pm - 3:30pm
Virtualization Business Models & ROI

Participants

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

Speaker: Rupesh Chokshi - Assistant Vice President, Edge Solutions Product Marketing Management, AT&T Business

Fireside Chat: Dissecting Cloud Capabilities for the Operator

3:15pm - 3:30pm
Network Cloudification: Deconstruction & Development

Participants

Moderator: Jim Hodges - Chief Analyst, Heavy Reading

Coffee Break & Tabletop Displays

3:30pm - 3:45pm
Virtualization Business Models & ROI

Coffee Break & Tabletop Displays

3:30pm - 3:45pm
Network Cloudification: Deconstruction & Development

What's worth More - Cutting Time to Market, or Cutting OpeX?

3:45pm - 4:00pm
Virtualization Business Models & ROI

Get it Done or get Dumped - the race with Hyperscalers to bring the Cloud to Telco Services

3:45pm - 4:00pm
Network Cloudification: Deconstruction & Development

Participants

James Buchanan - GM - Edge Cloud, ADVA

Service Provider Breakout Keynote: Windstream

4:00pm - 4:15pm
Virtualization Business Models & ROI

Participants

Mike Frane - Vice President of Product Management for SD-WAN, Windstream Enterprise

Service Provider Breakout Keynote: Concrete Steps to a Cloud-Native Deployment

4:00pm - 4:15pm
Network Cloudification: Deconstruction & Development

Breakout Panel: The Business of Security - Risk vs. Return Management Strategies

4:15pm - 5:00pm
Virtualization Business Models & ROI

5G is not only a major technology disruptor, it will also indelibly alter existing business models. This panel will start by considering how several factors, including 5G and fixed network virtualization architectures, are implemented and when they will impact security risk requirements.

In addition, the panel will assess how some of these associated 5G security challenges can be turned into a business opportunity through the introduction of advanced managed security services designed to meet the strong level of demand from enterprise customers.

Participants

Moderator: Jim Hodges - Chief Analyst, Heavy Reading

Panelist: Edward Fox III - Vice President of Network Services, MetTel

Breakout Panel: Cloud Native Tech Workshop: Containing the Functions

4:15pm - 5:00pm
Network Cloudification: Deconstruction & Development

There's a lot of buzz around cloud-native functionality and the introduction of Kubernetes into telecom and cable networks – operators have been calling for containerization for some time – but are wide-area networks ready for containers? What do vendors and developers need to do make their applications fit for carrier-class container deployments? And what benefits can service providers expect when cloud-native environments become a reality?

Participants

Moderator: Ray Le Maistre - Editor in Chief, Light Reading

Networking Reception & Tabletop Displays

5:00pm - 6:00pm

SCHEDULE
CONFERENCE DAY 1 - 18/09/2019

TIME	NETWORK CLOUDIFICATION: DECONSTRUCTION & DEVELOPMENT	VIRTUALIZATION BUSINESS MODELS & ROI
8:00AM	**8:00am** - Registration & Welcome Coffee	**8:00am** - Registration & Welcome Coffee
9:00AM	**9:15am** - Welcome **9:20am** - Host Operator Opening Keynote **9:40am** - Opening Vendor Insight	**9:15am** - Welcome **9:20am** - Host Operator Opening Keynote **9:40am** - Opening Vendor Insight
10:00AM	**10:00am** - Keynote Panel: NFV & SDN Clearing the Cloud-Native Hurdle **10:45am** - Ericsson Principal Keynote	**10:00am** - Keynote Panel: NFV & SDN Clearing the Cloud-Native Hurdle **10:45am** - Ericsson Principal Keynote
11:00AM	**11:05am** - Coffee Break **11:25am** - Fireside Chat with a Service Provider **11:40am** - Lightning Talks: The Importance of NFV & SDN to 5G Strategies	**11:05am** - Coffee Break **11:25am** - Fireside Chat with a Service Provider **11:40am** - Lightning Talks: The Importance of NFV & SDN to 5G Strategies
12:00PM	**12:25pm** - Lunch, Networking and Tabletop Displays	**12:25pm** - Lunch, Networking and Tabletop Displays
1:00PM		
2:00PM	**2:00pm** - Disaggregation at scale - building Telco networks like hyperscalers **2:15pm** - Heavy Reading Research Presentation **2:30pm** - Lightning Talk: Telco-Cloud Strategy - Pick a Cloud - Any Cloud	**2:00pm** - Business Case & ROI Opening Thoughts **2:15pm** - Heavy Reading Research Presentation **2:30pm** - Lightning Talk - WAN OFF: SD-WAN, a Longterm Business Model for Virtualized Services, or just a One-Off?
3:00PM	**3:15pm** - Fireside Chat: Dissecting Cloud Capabilities for the Operator **3:30pm** - Coffee Break & Tabletop Displays **3:45pm** - Get it Done or get Dumped - the race with Hyperscalers to bring the Cloud to Telco Services	**3:15pm** - Fireside Chat: Has Virtualization Made it's Return Yet? **3:30pm** - Coffee Break & Tabletop Displays **3:45pm** - What's worth More - Cutting Time to Market, or Cutting OpeX?
4:00PM	**4:00pm** - Service Provider Breakout Keynote: Concrete Steps to a Cloud-Native Deployment **4:15pm** - Breakout Panel: Cloud Native Tech Workshop: Containing the Functions	**4:00pm** - Service Provider Breakout Keynote: Windstream **4:15pm** - Breakout Panel: The Business of Security - Risk vs. Return Management Strategies
5:00PM	**5:00pm** - Networking Reception & Tabletop Displays	**5:00pm** - Networking Reception & Tabletop Displays

SESSIONS
CONFERENCE DAY 2 - 19/09/2019

Network Virtualization & SDN Americas

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Registration & Breakfast

7:00am - 7:30am

Women in Comms Breakfast Workshop: 5G – a Bigger, Better Network – but Will It Be a Boon or Barrier to Women in Comms?

7:30am - 8:30am

5G promises not only faster speeds, but lower latency and the networking foundation for significant progress in emerging technologies like AI, automated vehicles, IoT, smart cities and more. The tech and communications industries expect 5G to deliver new opportunities for service providers and equipment manufacturers, but how will 5G impact the engineers and network architects at these organizations? What impact will 5G have on hiring decisions, future employment opportunities and for women in comms to break or bump into the glass ceiling? This panel will address the many potential benefits and opportunities 5G brings to the network, new technologies, organizations and employees – but also takes an honest look at potential barriers 5G could present to women in comms, and how to prepare for those challenges.

Participants

Moderator: Kelsey Ziser - Editor, Upskill U & Senior Editor, Light Reading

Panelist: Mireille Helou - Chief Executive Officer, Orange Silicon Valley

Panelist: Christina Cheng - Assistant Vice President, Enterprise Mobility, AT&T Business

Welcome Back

9:00am - 9:05am

Participants

Phil Harvey - US News Editor, Light Reading

Service Provider Keynote: Network Slicing the Next Step

9:05am - 9:25am

Participants

Hans Raj Nahata - Director: Strategy & Technology Architecture, Verizon Communications

Super Platinum Keynote: Sales Models are Shifting - Are CSPs?

9:25am - 9:40am

Keynote Panel: Why the shift to Opex better suits Network Operators (Not Vendors)

9:40am - 10:25am

· Is the move to NFV/SDN also virtualizing shareholder value?

· How do spending cycles change as we move the focus from capex to opex?

· What are the implications of a shift? What kind of companies will grow in size and value as this takes hold?

· Is the opex-focused model the better approach?

Participants

Moderator: Ray Le Maistre - Editor in Chief, Light Reading

Super Platinum Keynote: The Edgey Road to El Dorado - Preparing for Business at the Edge

10:25am - 10:40am

Coffee Break & Tabletop Displays

10:40am - 11:00am

Keynote Fireside Chat: The Autonomous Operator - Fact or Phantom?

11:00am - 11:15am

Participants

Moderator: Phil Harvey - US News Editor, Light Reading

Super Platinum Keynote: Closing the Loop in Automation

11:15am - 11:30am

Lightning Talks - Transformation to Automated Networking - Where are We on the Journey?

11:30am - 12:20pm

Communications service providers have been on long journey in network automation from human-operated switchboards to software-based networking. But automation is a never-ending journey. Humans are still integral to the management and operation of networks and they are struggling to cope as network traffic increases and technologies become more complex. This series of lightning talks will explore the adoption of NETCONF/YANG to automate device configuration, the use of telemetry to automate network monitoring, intent/policy and service assurance to implement closed-loop automation and artificial intelligence to enable adaptive and predictive automation.

Up to 6x 5 min. presentations; 10-15 min. discussion; 10 min. Q&A

Participants

Moderator: James Crawshaw - Senior Analyst – OSS/BSS Transformation, Heavy Reading

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

Lunch, Networking & Tabletop Displays

12:20pm - 1:30pm

The Top 3 Things to get Right in Edge Monetization

1:30pm - 1:45pm
Edge Business Services

How Many Architects does it take to Automate a Light Bulb? The Role of Open Working in Achieving Network Automation

1:30pm - 1:45pm
Automating Operations

Heavy Reading Presentation

1:45pm - 2:00pm
Edge Business Services

Participants

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

Heavy Reading Presentation

1:45pm - 2:00pm
Automating Operations

Participants

James Crawshaw - Senior Analyst – OSS/BSS Transformation, Heavy Reading

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Network Virtualization & SDN Americas

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Breakout Panel: Revolutionizing the Edge with SDN

2:00pm - 2:45pm
Edge Business Services

Network operators don't want SDN and white box hardware everywhere in their networks, but Heavy Reading research shows that an area of keen interest for both is in edge networks, particularly at the IP layer. With leading edge network operators – including AT&T – sending a clear message to their suppliers that access and edge routing should be disaggregated, a new crop of startups is emerging to address the requirements. Incumbent vendors, meanwhile, must address their messaging and their product lines for this trend. 5G is a major driver for white box routers, but not the only one. This session will address the primary drivers for disaggregated routers at the edge as well as the pros and cons of this approach compared to traditional coupling of proprietary hardware and software.

Participants

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

Panelist: Rupesh Chokshi - Assistant Vice President, Edge Solutions Product Marketing Management, AT&T Business

Breakout Panel: Automation & Orchestration for NFV - What is Holding up Adoption

2:00pm - 2:45pm
Automating Operations

A recent Heavy Reading survey found that less than a quarter of respondents' virtualized networks currently use orchestration to automate services; the rest depend on manual operations. Clearly this is not sustainable; without orchestration CSPs will not experience the levels of automation they want and will not be ready with their telco cloud offerings for the 5G market. One factor that is causing the delay in adoption is the difficulty of orchestrating across SDN, NFV and OSS domains. Another issue is confusion about the open source initiatives ONAP and OSM. Should operators build their orchestration platforms around one or both of these, or should they stick to commercial offerings that are ready to deploy today? This panel will debate the challenges to orchestration for NFV and the potential solutions.

Participants

Moderator: James Crawshaw - Senior Analyst – OSS/BSS Transformation, Heavy Reading

Panelist: Jason Gadsby - Assistant Vice President, Product Management - Edge Solutions, AT&T Business

Honing the Edge - Where can Operators make Money now

2:45pm - 3:00pm
Edge Business Services

Cutting Across the Layers in Network Automation - How Deep can you go?

2:45pm - 3:00pm
Automating Operations

Fireside Chat with Service Provider: Engaging the Verticals - How do We Crack the Language Barriers and Drive Adoption of Edge Services?

3:00pm - 3:15pm
Edge Business Services

Participants

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

Fireside Chat with Service Provider

3:00pm - 3:15pm
Automating Operations

Participants

Moderator: James Crawshaw - Senior Analyst – OSS/BSS Transformation, Heavy Reading

Coffee Break

3:15pm - 3:30pm
Edge Business Services

Coffee Break

3:15pm - 3:30pm
Automating Operations

Super Platinum Keynote: 5G is Here - How we ensure NFV/SDN Keeps Pace

3:30pm - 3:45pm

Closing Keynote Panel: Implementing NFV 2.0: The Next Tech of NFV

3:45pm - 4:30pm

Now that we've cracked cloud-native and the business challenges operators and vendors face with SDN and NFV, what's next?

·   What's the next disruption for NFV?

·   What's next for the SD-WAN market?

·   What challenges remain in deploying cloud-native applications?

·   Is the conversation around virtualization shifting from a primary focus on technology to business outcomes?

Participants

Moderator: Phil Harvey - US News Editor, Light Reading

Panelist: Prayson Pate - Chief Technology Officer of Edge Cloud, ADVA

Panelist: Sue Rudd - Director, Strategy Analytics

Panelist: Sanjay Srinivasan - Vice President and Chief Architect, Vonage

Close of Conference

4:30pm - 4:35pm

SCHEDULE
CONFERENCE DAY 2 - 19/09/2019

TIME	AUTOMATING OPERATIONS	EDGE BUSINESS SERVICES
7:00AM	**7:00am** - Registration & Breakfast **7:30am** - Women in Comms Breakfast Workshop: 5G – a Bigger, Better Network – but Will It Be a Boon or Barrier to Women in Comms?	**7:00am** - Registration & Breakfast **7:30am** - Women in Comms Breakfast Workshop: 5G – a Bigger, Better Network – but Will It Be a Boon or Barrier to Women in Comms?
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2:00PM	**2:00pm** - Breakout Panel: Automation & Orchestration for NFV - What is Holding up Adoption **2:45pm** - Cutting Across the Layers in Network Automation - How Deep can you go?	**2:00pm** - Breakout Panel: Revolutionizing the Edge with SDN **2:45pm** - Honing the Edge - Where can Operators make Money now
3:00PM	**3:00pm** - Fireside Chat with Service Provider **3:15pm** - Coffee Break **3:30pm** - Super Platinum Keynote: 5G is Here - How we ensure NFV/SDN Keeps Pace **3:45pm** - Closing Keynote Panel: Implementing NFV 2.0: The Next Tech of NFV	**3:00pm** - Fireside Chat with Service Provider: Engaging the Verticals - How do We Crack the Language Barriers and Drive Adoption of Edge Services? **3:15pm** - Coffee Break **3:30pm** - Super Platinum Keynote: 5G is Here - How we ensure NFV/SDN Keeps Pace **3:45pm** - Closing Keynote Panel: Implementing NFV 2.0: The Next Tech of NFV
4:00PM	**4:30pm** - Close of Conference	**4:30pm** - Close of Conference