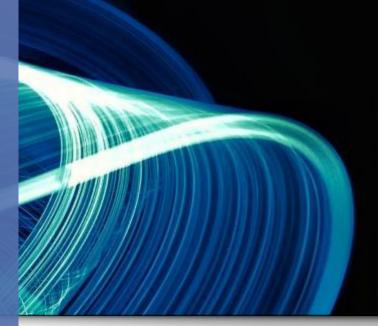


5G. Infrastructure. Applications. Innovation. Disruption.

Boston Consulting Group & New Street Research Virtual 5G Conference







17 NOVEMBER 2020

4th BCG and New Street Research 5G Conference (Virtual) 5G. Infrastructure. Applications. Innovation. Disruption. November 17th, 2020







5G. Infrastructure. Applications. Innovation. Disruption. November 17th, 2020 Infrastructure and Networks (1) Infrastructure and Networks (2) **Applications & Products Opening Remarks: New Street Research and Boston Consulting Group** 07:45 - 08:00* 08:00 - 08:40 Rakuten Mobile - T. Amin, CTO 08:40 - 09:10 Red Hat - C .Wright, CTO Colony Capital - M. Ganzi, CEO LG Uplus - Y. Choi, VP AR/VR Service Intel - D. Rodriguez, CVP & GM Network Platforms American Tower - E. Knapp, CTO XRSpace - P. Chou, Founder 09:10 - 09:50 Airspan - A. Mayal, SVP Tech & Marketing Digital Realty Trust - C. Sharp, CTO Magic Leap - R. Abovitz, Founder & Board Member 09:50 - 10:20 10:20 - 10:50 Altiostar - T. Maupile, EVP Strategy & Product Crown Castle - D. Schlanger, CFO Hatch - V. Jutila, Co-Founder and CCO CTIA - Tom Power, SVP & General Counsel 10:50 - 11:20 Ericsson - P. Linder, Head of 5G Marketing NA Vapor IO - M. Trifiro, CMO T-Mobile - N. Ray, CTO 11:20 - 12:00 Rivada Networks - D. Ganley, Chairman and CEO Swisscom - F. Hoffmann, EVP Connected Solutions 12:00 - 12:30 Qualcomm - A. Holcman, SVP Corporate Engineering 12:30 - 13:00 TIM Brasil - P. Labriola, CEO Ligado Networks - D. Smith, CEO **B&R/ABB** - E. Zimmerling, Strategy Development 13:00 - 13:30 AWS - S. Vuyyuru, Director Global Telco Business Dev Arista - A. Kohli, SVP of Customer Engineering Starry - A. Moulle-Berteaux, COO Federated Wireless - I. Tarazi, CEO Q Networks/Hudson Institute - R. Spalding, Co-CEO 13:30 - 14:00 **Droniq** - R. Schepp, COO 14:00 - 14:40 AT&T - A. Fuetsch, President AT&T Labs & CTO Dish - S. Bye, CCO Three UK - S. Buttsworth, COO Microsoft - S. Hakl, Partner 14:40 - 15:10

15:10 - 15:50 Verizon - F. Boulben, SVP, Consumer Marketing and Products

15:50 - 16:00 Closing Remarks: New Street Research and Boston Consulting Group

4th BCG and New Street Research 5G Conference (Virtual)

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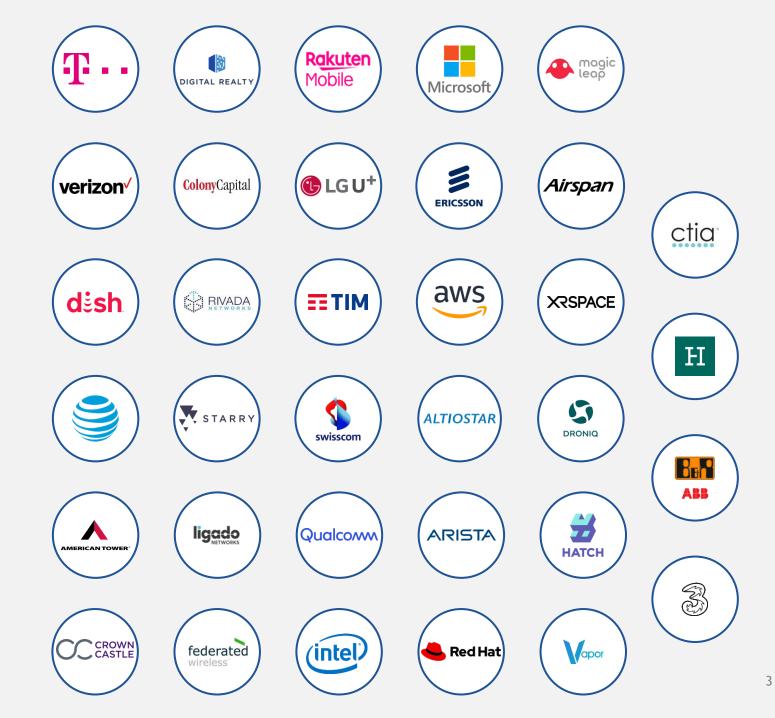
17 November 2020 07:45 am to 04:00 pm ET

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Confirmed Speakers (1/2)





Neville Ray Chief Technology Officer T-Mobile



Frank Boulben SVP Consumer Marketing & Products Verizon



Stephen Bye Chief Commercial Officer Dish



Andre Fuetsch Chief Technology Officer AT&T



Ed Knapp Chief Technology Officer American Tower



Dan Schlanger Chief Financial Officer Crown Castle



Chris Sharp Chief Technology Officer **Digital Realty**



Marc Ganzi Chief Executive Officer **Digital Colony**



Douglas Smith Chief Executive Officer Ligado Networks



Declan Ganley Chairman & Chief **Executive Officer Rivada Networks**



Iyad Tarazi Chief Executive Officer **Federated Wireless**



Tareg Amin Chief Technology Officer **Rakuten Mobile**



Alex Moulle-Berteaux Chief Operating Officer Starry



Friederike Hoffmann EVP & Head Connected **Business Solutions** Swisscom



Alejandro Holcman Senior Vice President Corporate Engineering **Oualcomm**



Shawn Hakl

Partner

Microsoft

Yoonho Choi Vice President AR/VR Service LG Uplus



Pietro Labriola Chief Executive Officer TIM Brasil

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Dan Rodriguez GM Network Platforms Group⁴ Intel



Confirmed Speakers (2/2)





Tom Power Senior Vice President & General Counsel CTIA



Sameer Vuyyuru Director Worldwide Telco Business Development AWS



Susan Buttsworth **Chief Operating** Officer



Thierry Maupilé EVP Strategy & Product Altiostar



Ashwin Kohli **SVP** Corporate Engineering Arista



Matt Trifiro Chief Marketing Officer Vapor IO



Abel Mayal VP Strategy & Marketing Airspan



Robert Spalding Senior Fellow Hudson Institute



Vesa Jutila Co-Founder & Chief Commercial Officer Hatch Entertainment



Rony Abovitz Founder & Board Member Magic Leap



Elmar Zimmerling Strategic Development B&R (member of ABB group)



Ralph Schepp Chief Operating Officer Dronig



XRSpace

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Agenda -Infrastructure & Networks (1/2)

17 November 2020 07:45 am to 04:00 pm ET

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F	07:45 - 08:00 Opening remarks* Heinz Bernold, Partner & Director BCG Pierre Ferragu, Global Team Head NSR
	08:00 - 08:40 Fireside chat* Tareq Amin, Chief Technology Officer Rakuten Mobile
	08:40 - 09:10 How Telco operators are getting 5G right Chris Wright, Chief Technology Officer Red Hat
	09:10 - 09:50 Fireside chat Dan Rodriguez, Corporate Vice President & General Manager Network Platforms Group Intel
	09:50 - 10:20 5G and O-RAN boosting private networks market Abel Mayal, Vice President Strategy & Marketing Airspan
	10:20 - 10:50 Fireside chat Thierry Maupilé, Chief Strategy & Executive Vice President Product Altiostar
	10:50 - 11:20 Fireside chat Peter Linder, Head of 5G Marketing Ericsson
	11:20 - 12:00 Fireside chat* Neville Ray, Chief Technology Officer T-Mobile
	12:00 - 12:30 The future of 5G Alejandro Holcman, Senior Vice President Corporate Engineering Qualcomm
	12:30 - 13:00 Fireside chat Pietro Labriola, Chief Executive Officer TIM Brasil
	13:00 - 13:30 Fireside chat Ashwin Kohli, Senior Vice President Customer Engineering Arista
	13:30 - 14:00 Fireside chat Iyad Tarazi, Chief Executive Officer Federated Wireless
	14:00 - 14:40 Fireside chat: 5G innovation in B2B* Andre Fueltsch, Chief Technology Officer AT&T
	14:40 - 15:10 Fireside chat Stephen Bye, Chief Commercial Officer Dish
	15:10 - 15:50 Fireside chat* Frank Boulben, Senior Vice President Consumer Marketing & Products Verizon
₽ ₹	15:50 - 16:00 Closing remarks* Heinz Bernold, Partner & Director BCG Jonathan Chaplin, US Team Head NSR

* Featured in all tracks

Agenda -Infrastructure & Networks (2/2)

17 November 2020 07:45 am to 04:00 pm ET





	07:45 - 08:00 Opening remarks* Heinz Bernold, Partner & Director BCG Pierre Ferragu, Global Team Head NSR
	08:00 - 08:40 Fireside chat* Tareq Amin, Chief Technology Officer Rakuten Mobile
	08:40 - 09:10 The spectrum of digital infrastructure Marc Ganzi, President & Chief Executive Officer Colony Capital & Digital Colony
	09:10 - 09:50 Tower company innovations Ed Knapp, Chief Technology Officer American Tower
	09:50 - 10:20 Data centers Chris Sharp, Chief Technology Officer Digital Realty
	10:20 - 10:50 Towers and small cells Dan Schlanger, Chief Financial Officer Crown Castle
(1 5)	10:50 - 11:20 Data centers at the edge Matt Trifiro, Chief Marketing Officer Vapor IO
	11:20 - 12:00 Fireside chat* Neville Ray, Chief Technology Officer T-Mobile
	12:00 - 12:30 Fireside chat: Innovations in mobile networks Declan Ganley, Chairman & Chief Executive Officer Rivada Networks
	12:30 - 13:00 New spectrum, new models Douglas Smith, Chief Executive Officer Ligado Networks
···· •	13:00 - 13:30 5G - Disrupting fixed broadband Alex Moulle-Berteaux, Chief Operating Officer Starry
	13:30 - 14:00 U.S. & China relations, economic & national security Robert Spalding, Senior Fellow Hudson Institute
	14:00 - 14:40 Fireside chat: 5G innovation in B2B* Andre Fueltsch, Chief Technology Officer AT&T
	14:40 - 15:10 Fireside chat Susan Buttsworth, Chief Operating Officer Three UK
	15:10 - 15:50 Fireside chat* Frank Boulben, Senior Vice President Consumer Marketing & Products Verizon
F	15:50 - 16:00 Closing remarks* Heinz Bernold, Partner & Director BCG

Jonathan Chaplin, US Team Head NSR

* Featured in all tracks

Agenda -Applications

17 November 2020 07:45 am to 04:00 pm ET



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Jonathan Chaplin, US Team Head NSR

07:45 - 08:00 Opening remarks Heinz Bernold, Partner & Director BCG Pierre Ferragu, Global Team Head NSR
08:00 - 08:40 Fireside chat* Tareq Amin, Chief Technology Officer Rakuten Mobile
08:40 - 09:10 AR/VR contents & alliance Yoonho Choi, Vice President AR/VR Service LG Uplus
09:10 - 09:50 AR/VR in B2C Peter Chou, Founder XRSpace
09:50 - 10:20 Spatial computing in B2B Rony Abovitz, Founder & Board Member Magic Leap
10:20 - 10:50 5G and mobile cloud gaming Vesa Jutila, Co-Founder & Chief Commercial Officer Hatch Entertainment
10:50 - 11:20 Building the 5G economy Tom Power, Senior Vice President & General Counsel CTIA
11:20 - 12:00 Fireside chat* Neville Ray, Chief Technology Officer T-Mobile
12:00 - 12:30 Telco B2B Friederike Hoffmann, EVP & Head of Connected Business Solutions Swisscom
12:30 - 13:00 Machine and factory automation with 5G Elmar Zimmerling, Strategic Development B&R (member of ABB group)
13:00 - 13:30 Edge applications Sameer Vuyyuru, Director & Head Worldwide Telco Business Development AW
13:30 - 14:00 Connected drones Ralph Schepp, Chief Operating Officer Droniq
14:00 - 14:40 Fireside chat: 5G innovation in B2B* Andre Fueltsch, Chief Technology Officer AT&T
14:40 - 15:10 Fireside chat Shawn Hakl, Partner Microsoft
15:10 - 15:50 Fireside chat* Frank Boulben, Senior Vice President Consumer Marketing & Products Verizon
15:50 - 16:00 Closing remarks Heinz Bernold, Partner & Director BCG

* Featured in all tracks

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Thank you



