

Analyst Address: Trends, challenges and rollout of fibre networks across the world

10:00 - 10:15

PREMIUM: FTTx - Virtual

- Market updates: fibre subscriptions by the numbers
- Key contributors and challenges to regional fibre rollout trends
- Technology trends for PONs: current and future deployments

Participants

Dan Grossman - Senior Analyst, Strategy Analytics

Service Provider Presentation: Enabling last-mile connectivity with Fibre to the Room

10:15 - 10:30

PREMIUM: FTTx - Virtual

- Overcoming in-home connectivity performance challenges with end-to-end fibre
- Initiatives, approaches and incentives to drive full-fibre deployment
- Delivering a fast, uninterrupted and reliable fibre service for the digital society

Solution Provider Presentation: Advance your FTTx network with cloud-native containerized solutions for PON

10:30 - 10:45

PREMIUM: FTTx - Virtual

- Flexibility gained via disaggregated architectures
- The importance of software virtualization and microservices
- How to implement cloud-native containerized PON
- The path toward convergence of fiber and mobile networks

Participants

Rajesh Chundury - VP Customer Solutions – Broadband, Radisys

Service Provider Presentation: Enhancing your next-gen PON proposition with software defined networking capabilities

10:45 - 11:00

PREMIUM: FTTx - Virtual

- Leveraging automation and slicing to deliver converged end-to-end services
- Optimising networking management with simple and efficient tools
- Driving new revenue streams with network slicing

Participants

Gilles Bourdon - VP Wireline Networks & Infrastructure, Orange

Solution Provider Presentation: Operator's production deployments of VOLTHA – ONF's virtualized open source broadband solution

11:00 - 11:15

PREMIUM: FTTx - Virtual

- Overview of the ONF's deployed solution and drivers to move to fully virtualised broadband environment
- Case studies of solution implementation in operators' networks
- Lessons learned from production deployments

Participants

Andrea Campanella - European Cluster Lead, Open Networking Foundation

Panel Discussion: Evolving your network to deliver next-gen PON

11:15 - 11:45

PREMIUM: FTTx - Virtual

- Open source, cloudification and virtualisation and emerging approaches to evolve your PON network
- Leveraging alternative transport concepts for higher NGPON-penetration
- 25G PON, 50G PON – how can operators leverage next-gen PON networks to deliver new revenue streams

Participants

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

Oliver Lamparter - Wireline Access Expert, Swisscom

Jürgen Hatheier - Chief Technology Officer EMEA and Vice President Strategic Sales, Ciena

Marcus Brunner - Chief Expert Standardization Fb, Huawei

Live Q&A

11:45 - 12:15

PREMIUM: FTTx - Virtual

Analyst Address: Investment, trends and challenges for service providers with in-home Wi-Fi solutions

14:00 - 14:15

PREMIUM: Connected Life Summit - Virtual

Solution Provider Presentation: More than Mesh – Leveraging the WiFi

14:15 - 14:30

PREMIUM: Connected Life Summit - Virtual

- Starting with the experience of the end-user
- Showing how 'More than Mesh' makes life easier for the end-user
- Including the flexibility for the operator in managing their CPE devices

Participants

John Welten - Senior Commercial Product Manager (WiFi Products), Genexis

Service Provider Presentation: Developing a secure, reliable and seamless connectivity standard for smart home devices

14:30 - 14:45

PREMIUM: Connected Life Summit - Virtual

- Building the standard on IP to deliver end-to-end security privacy for your devices
- Leveraging open source to build a unified connectivity protocol
- How to ensure Matter remains the modern standard with the continual evolution of in-home devices

Participants

Jon Harros - Director of Certification & Testing, Connectivity Standards Alliance

Fireside Chat: Driving a superior connected home customer experience with intelligent technologies

14:45 - 15:00

PREMIUM: Connected Life Summit - Virtual

- Delivering an integrated and seamless customer journey, integrating online and offline experience
- Leveraging big data and cloud-based technology to provide state-of-the-art customer experience

Participants

Moderator: Mariana Zamoszczyk - Principal Analyst, Smart Home Services, Omdia

Roland Schleicher - Chief Operations Officer, PŸUR/ Tele Columbus AG

Solution Provider Presentation: Enabling a better digital home experience across premium Wi-Fi

15:00 - 15:15

PREMIUM: Connected Life Summit - Virtual

Participants

Chen Miao - Director of Huawei Home Network, Huawei

SESSIONS

11TH OCTOBER: BBWF DIGITAL WEEK

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

Panel Discussion: Ensuring a resilient, high-performing network in the post-pandemic connected home

15:15 - 15:45

PREMIUM: Connected Life Summit - Virtual

- Building smart network management solutions to meet increased demand and traffic on your network
- Combining firmware and hardware to boost the speed and reliability of your WiFi network
- Utilising virtual CPE and cloud software to boost your broadband experience whilst minimising costs

Participants

Moderator: Shiv Putcha - Founder and Principal Analyst, Mandala Insights

Shuvankar Roy - Vice President, Product Operations, Comcast

Michael Soileau - Independent,, Consultant

Mian Shah - Executive Vice President, Customer Care, Pakistan Telecommunication Company Limited

Jerome Anastase - Vice President, EMEAR, ASSIA

Live Q&A

15:45 - 16:15

PREMIUM: Connected Life Summit - Virtual

SCHEDULE

11TH OCTOBER: BBWF DIGITAL WEEK -

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

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TIME	PREMIUM: CONNECTED LIFE SUMMIT - VIRTUAL	PREMIUM: FTTX - VIRTUAL
10:00		<p>10:00 - Analyst Address: Trends, challenges and rollout of fibre networks across the world</p> <p>10:15 - Service Provider Presentation: Enabling last-mile connectivity with Fibre to the Room</p> <p>10:30 - Solution Provider Presentation: Advance your FTTx network with cloud-native containerized solutions for PON</p> <p>10:45 - Service Provider Presentation: Enhancing your next-gen PON proposition with software defined networking capabilities</p>
11:00		<p>11:00 - Solution Provider Presentation: Operator's production deployments of VOLTHA – ONF's virtualized open source broadband solution</p> <p>11:15 - Panel Discussion: Evolving your network to deliver next-gen PON</p> <p>11:45 - Live Q&A</p>
12:00		
13:00		
14:00	<p>14:00 - Analyst Address: Investment, trends and challenges for service providers with in-home Wi-Fi solutions</p> <p>14:15 - Solution Provider Presentation: More than Mesh – Leveraging the WiFi</p> <p>14:30 - Service Provider Presentation: Developing a secure, reliable and seamless connectivity standard for smart home devices</p> <p>14:45 - Fireside Chat: Driving a superior connected home customer experience with intelligent technologies</p>	
15:00	<p>15:00 - Solution Provider Presentation: Enabling a better digital home experience across premium Wi-Fi</p> <p>15:15 - Panel Discussion: Ensuring a resilient, high-performing network in the post-pandemic connected home</p> <p>15:45 - Live Q&A</p>	

Analyst Address: How converged and mobile operators are utilising fixed 5G to drive incremental revenues

12:00 - 12:15

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

- Global fixed 5G deployment trends
- Use cases: how converged and mobile operators are using fixed 5G to suit their market, business, and competitive objectives
- Leveraging 5G FWA to complement your wireline service

Participants

Dan Grossman - Senior Analyst, Strategy Analytics

Session Reserved for Nokia

12:15 - 12:30

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

Participants

Luis Martin Santiago - Head of FWA, Broadband Devices, Fixed Networks, Nokia

Service Provider Presentation: 5G Mobile Fronthaul Solutions – A study case of SK Telecom

12:30 - 12:45

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

- Various Mobile Fronthaul solutions according to the number of channels
- New optic components in the solutions: filters, transceivers
- The Migration of 5G Mobile Fronthaul channel speed: 10Gbps to 25Gbps

Participants

Hongseok Shin - Senior Manager, SK Telecom

Fireside Chat: How to ensure a simple, slick and efficient customer onboarding with FWA

12:45 - 13:00

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

- Strengthening your FWA business case with simple self-installation
- Minimising operational costs with streamlined onboarding
- How to minimise the risk of self-installed internal and external CPE

Participants

Moderator: Dan Grossman - Senior Analyst, Strategy Analytics

Ibrahim Gedeon - CTO, TELUS

Panel Discussion: Growing enterprise revenues and meeting business connectivity requirements with 5G FWA

13:00 - 13:30

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

- Case studies: How accelerated setup and improved bandwidth meets retail requirements
- Overcoming the challenge of global 5G coverage to meet the needs on international enterprises
- Delivering high-end security whilst accommodating the speed to maintain the trust of enterprises

Participants

Moderator: Paul Hjul - Managing Director, Hjul Consulting

Shiv Putcha - Founder and Principal Analyst, Mandala Insights

Florian Bogenschütz - CEO, Wayra Germany

Live Q&A

13:30 - 14:00

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

SCHEDULE

12TH OCTOBER: BBWF DIGITAL WEEK -

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

TIME	PREMIUM: FWA, 5G AND MOBILE BROADBAND - VIRTUAL
12:00	<p>12:00 - Analyst Address: How converged and mobile operators are utilising fixed 5G to drive incremental revenues</p> <p>12:15 - Session Reserved for Nokia</p> <p>12:30 - Service Provider Presentation: 5G Mobile Fronthaul Solutions – A study case of SK Telecom</p> <p>12:45 - Fireside Chat: How to ensure a simple, slick and efficient customer onboarding with FWA</p>
13:00	<p>13:00 - Panel Discussion: Growing enterprise revenues and meeting business connectivity requirements with 5G FWA</p> <p>13:30 - Live Q&A</p>

How service providers can successfully build and deploy fibre for Multi-Dwelling Units

11:00 - 11:20

FREE: Gigabit Innovation - Virtual

- Capitalising on the opportunity to deploy fibre for the under-served MDU market
- Overcoming the variables of size, age, range, agreements and restrictions to successfully target MDUs
- Collaborating with building owners to minimize disruption and agree the network architecture

Participants

Jeff Heynen - Research Director, Broadband Access and Home Networking, Dell'Oro Group

Ontario's High-Speed Internet Programme: How to accelerate gigabit broadband services with converged connectivity and emerging technologies

11:20 - 11:40

FREE: Gigabit Innovation - Virtual

- Objectives, challenges and mission of the Ontario High-Speed Internet Programme
- Leveraging existing assets to support gigabit services
- Developing fibre deployment technologies to accelerate and optimise the cost of fibre rollout

Participants

Gord Reynolds - Vice President of Commercial Advisory & Strategy, Infrastructure Ontario

Session Reserved for Vendor

11:40 - 12:00

FREE: Gigabit Innovation - Virtual

Service Provider Presentation: Building a software-based architecture to deliver gigabit services

12:00 - 12:20

FREE: Gigabit Innovation - Virtual

- Overcoming the challenge of space, power, and cost with software-based architecture
- Accelerating network deployment and improvements with a scalable and cloud-based approach
- Enabling differentiated services through Network-as-a-Service

Participants

Belal Hamzeh - Senior Vice President and Chief Technology Officer, CableLabs

Session Reserved for Vendor

12:20 - 12:40

FREE: Gigabit Innovation - Virtual

Expert Roundtable: Hosted by Broadband Forum on Wireless-Wireline Convergence

12:40 - 13:50

FREE: Gigabit Innovation - Virtual

Keynote Solution Provider Presentation: FTTx Development and Evolution Under Fiber Transformation

13:40 - 14:00

PREMIUM: FTTx - Virtual

- Upgrading the network to seamless full-gigabit coverage in the home fiber scenario
- Introducing fiber in non-home scenarios to implement all-fiber, full-scenario coverage
- Building a future-proof FTTx network that enables all the connections to be delivered through one fiber and provides all the services

Participants

Michael Song - Vice President, General Manager of Fixed&Multimedia Product Oversea Market, ZTE Corporation

Service Provider Presentation: How Multi-Path technology can improve the customer experience in connected life

13:50 - 14:10

FREE: Gigabit Innovation - Virtual

- Targeted connectivity user experience 2025 and the role of Multipath
- Driving the industry towards an app-less approach while ensuring interoperability via standardization.
- Insights on latest trial results with DT prototype

Participants

Thomas Henze - Senior Product Manager App-less Connectivity, Deutsche Telekom

How service providers can successfully build and deploy fibre for Multi-Dwelling Units

14:00 - 14:15

PREMIUM: FTTx - Virtual

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- Collaborating with building owners to minimize disruption and agree the network architecture

Participants

Jeff Heynen - Research Director, Broadband Access and Home Networking, Dell'Oro Group

Service Provider Presentation: Taking the most of Fiber networks

14:00 - 14:15

PREMIUM: Open Fibre Networks - Virtual

- Telefónica FTTH networks
- Open Broadband approach: Multi-vendor ecosystem based on open interfaces, allowing simplified system integration through access controller.
- Introduction of new services and applications to improve network quality and customer experience
- Programmable access to enable automatization and a new operating model

Participants

Moderator: Tom Willetts - Research Analyst, Omdia

Enrique Blanco - CTIO, Telefonica

Service Provider Presentation: Digital operators provide new home digital services

14:10 - 14:30

FREE: Gigabit Innovation - Virtual

- Pain points of traditional service of telecom operators' home services
- New technologies (5G, AI, IoT etc.) bring better opportunities for telecom operators' home services
- Strategies for developing home digital services

Participants

Jun Liao - Director of Digital Technology Research Center/Advanced Technology Research Center, China Unicom

Solution Provider Presentation: The 25G PON future is here

14:15 - 14:30

PREMIUM: FTTx - Virtual

Participants

Geert Heyninck - Vice President and General Manager, Broadband Networks Business, Fixed Networks, Nokia

Session Reserved for Vendor

14:15 - 14:30

PREMIUM: Open Fibre Networks - Virtual

Service Provider Presentation: Building a software-based architecture to deliver gigabit services

14:30 - 14:45

PREMIUM: FTTx - Virtual

- Overcoming the challenge of space, power, and cost with software-based architecture
- Accelerating network deployment and improvements with a scalable and cloud-based approach
- Enabling differentiated services through Network-as-a-Service

Participants

Belal Hamzeh - Senior Vice President and Chief Technology Officer, CableLabs

Fireside Chat: SDN and NFV transformation

14:30 - 14:45

PREMIUM: Open Fibre Networks - Virtual

- How can ISPs successfully redefine their role via the move towards a software riven approach?
- How can orchestration and automation reduce operational costs and improve service agility?
- What areas need to be analysed closely during implementation of SDN and NFV

Participants

Moderator: Tom Willetts - Research Analyst, Omdia

Bruno Cornaglia - Fixed Access Senior Manager – Distinguished Engineer, Vodafone Group

Fireside Chat: SDN and NFV transformation

14:30 - 14:50

FREE: Gigabit Innovation - Virtual

- How can ISPs successfully redefine their role via the move towards a software riven approach?
- How can orchestration and automation reduce operational costs and improve service agility?
- What areas need to be analysed closely during implementation of SDN and NFV

Participants

Bruno Cornaglia - Fixed Access Senior Manager – Distinguished Engineer, Vodafone Group

Solution Provider Presentation: Premium Broadband Optimise the User Experience with Digital Operation

14:45 - 15:00

PREMIUM: FTTx - Virtual

Participants

Liu Yan - Director of NCE-FAN, Huawei

Fireside Chat: How to drive value as an altnet fibre builder

14:45 - 15:00

PREMIUM: Open Fibre Networks - Virtual

- Identifying your target segments, competing with incumbents, and adding value regionally
- How to ensure value delivery through network monetization
- Approaches and strategies to create a competitive, thriving fibre market

Participants

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

Jens Müller - Chief Finance Officer, Deutsche Glasfaser

Virtual Roundtable: Next-Generation PON

14:50 - 15:50

FREE: Gigabit Innovation - Virtual

The fiber evolution has taken off, and it is a real game changer. How does next gen PON fit into your strategy?

Participants

Moderator: Julie Kunstler - Chief Analyst, Omdia

Geert Heynink - Vice President and General Manager, Broadband Networks Business, Fixed Networks, Nokia

Vincent Licoppe - CSO, Proximus

Jeremy Steventon-Barnes - CTO, Lightspeed

Joost Steltenpool - EVP Fixed-Line Networks, KPN

Solution Provider Presentation: Next-Gen PON (XGS-PON) is now a Reality and is transforming the Networks

15:00 - 15:15

PREMIUM: FTTx - Virtual

- Using PON in FTTH topology across multi-operator environment: incumbent, MSO
- Enabling 1G+ symmetric for business services, small office home office
- Challenges to support 5G xHaul in XGS-PON, 25G-PON, 50G-PON

Participants

Paulo Mão-Cheia - Head of xPON, FFTx and QoS Probing Products Development, Altice Labs

Service Provider Presentation: Meeting xHaul requirements with your next-gen PON network

15:00 - 15:15

PREMIUM: Open Fibre Networks - Virtual

- How to gain your xHaul capacity for 5G with next-gen PON
- Cost-effectively introducing 5G-ready transport on your network
- How converged 5G and fibre operators can yield mobile transport operational and cost-efficiencies

Participants

Rajesh Yadav - Chief Network Architect & Associate Fellow, Verizon

Panel Discussion: How to capitalise on the non-residential use cases at your operator

15:15 - 15:45

PREMIUM: FTTx - Virtual

- Future-proofing your PON network with upgrades to meet non-residential requirements
- Fixed-mobile convergence to deliver large scale connectivity projects
- Setting up your business to deliver non-residential and residential revenue

Participants

Wayne Hickey - Senior Advisor, Product Marketing, Ciena

Emir Halilovic - Principal Analyst, GlobalData

Bob Sinclair - TELUS Fellow, TELUS

Fireside Chat: Partnership models and financing initiatives to optimise cost-management of your fibre rollout

15:15 - 15:45

PREMIUM: Open Fibre Networks - Virtual

- Case studies and initiatives to successfully manage costs of fibre rollout
- Building a sustainable business model that can be replicated across geos
- Measuring success and CAPEX: implementing key indicators to maintain a health partnership

Participants

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

Ovi Biris - Managing Director and Consultant, Fiberlux Services

SESSIONS

13TH OCTOBER: BBWF DIGITAL WEEK

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

Fireside Chat: Getting Ready for the 10G Future

15:45 - 16:00

PREMIUM: FTTx - Virtual

- The 10G vision for cable access networks – How best to deliver multi-gigabit upstream and downstream speeds to meet consumer demands of tomorrow
- Will cable operators upgrade their DOCSIS networks again or go straight to FTTP?
- How can operators boost the efficiency of existing network infrastructure to yield greater cost savings?

Participants

Jeff Finkelstein - Chief Access Scientist, Cox Communications

Live Q&A

15:45 - 16:15

PREMIUM: Open Fibre Networks - Virtual

Service Provider Presentation: 5G Mobile Fronthaul Solutions – A study case of SK Telecom

15:50 - 16:10

FREE: Gigabit Innovation - Virtual

- Various Mobile Fronthaul solutions according to the number of channels
- New optic components in the solutions: filters, transceivers
- The Migration of 5G Mobile Fronthaul channel speed: 10Gbps to 25Gbps

Participants

Hongseok Shin - Senior Manager, SK Telecom

Live Q&A

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PREMIUM: FTTx - Virtual

SCHEDULE

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TIME	FREE: GIGABIT INNOVATION - VIRTUAL	PREMIUM: FTTX - VIRTUAL	PREMIUM: OPEN FIBRE NETWORKS - VIRTUAL
11:00	<p>11:00 - How service providers can successfully build and deploy fibre for Multi-Dwelling Units</p> <p>11:20 - Ontario's High-Speed Internet Programme: How to accelerate gigabit broadband services with converged connectivity and emerging technologies</p> <p>11:40 - Session Reserved for Vendor</p>		
12:00	<p>12:00 - Service Provider Presentation: Building a software-based architecture to deliver gigabit services</p> <p>12:20 - Session Reserved for Vendor</p> <p>12:40 - Expert Roundtable: Hosted by Broadband Forum on Wireless-Wireline Convergence</p>		
13:00	<p>13:50 - Service Provider Presentation: How Multi-Path technology can improve the customer experience in connected life</p>	<p>13:40 - Keynote Solution Provider Presentation: FTTx Development and Evolution Under Fiber Transformation</p>	
14:00	<p>14:10 - Service Provider Presentation: Digital operators provide new home digital services</p> <p>14:30 - Fireside Chat: SDN and NFV transformation</p> <p>14:50 - Virtual Roundtable: Next-Generation PON</p>	<p>14:00 - How service providers can successfully build and deploy fibre for Multi-Dwelling Units</p> <p>14:15 - Solution Provider Presentation: The 25G PON future is here</p> <p>14:30 - Service Provider Presentation: Building a software-based architecture to deliver gigabit services</p> <p>14:45 - Solution Provider Presentation: Premium Broadband Optimise the User Experience with Digital Operation</p>	<p>14:00 - Service Provider Presentation: Taking the most of Fiber networks</p> <p>14:15 - Session Reserved for Vendor</p> <p>14:30 - Fireside Chat: SDN and NFV transformation</p> <p>14:45 - Fireside Chat: How to drive value as an altnet fibre builder</p>
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16:00		<p>16:00 - Live Q&A</p>	

Service Provider Presentation: The business case for hybrid broadband access to serve rural communities

14:00 - 14:15

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

- Contributing to the long-term digital and connectivity plan with rural broadband access
- Minimising OPEX and CAPEX by bundling available access networks to extend super-fast internet coverage
- How hybrid access technology maintains a seamless integration process in the home

Participants

Robert Petruk - CEO and CTO, Gosfield North Communications

Session Reserved for Facebook Connectivity

14:15 - 14:30

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

Fireside Chat: 5G Home Internet: Capitalising on fixed network blackspots through 5G FWA offering

14:30 - 14:45

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

- Improving the deployment economics with in-house CPE
- Detailed planning to ensure the commercial viability of 5G FWA in metropolitan areas
- How to further capitalise on 5G technology in the broadband market

Participants

Moderator: Shiv Putcha - Founder and Principal Analyst, Mandala Insights

Service Provider Presentation: How the FWA technology business is evolving to ensure competitiveness

14:45 - 15:00

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

- CPE: Emerging CPE technology and optimisation tools to deliver reliable and competitive bandwidth
- How to best monetise and price 5G FWA given the reduced cost per bit
- Rapid provision and easy connections to ensure a quick route to consumers

Participants

Brian Danfield - VP of 5G Commercialization, Verizon

Solution Provider Presentation: Emerging Broadband Solutions

15:00 - 15:15

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

- What are broadband demands driving new SP network investments
- How are emerging broadband architectures enabling SPs to transform their broadband networks
- Learn how these emerging broadband approaches can be instrumental in improving the economics to lower total cost of ownership (TCO)

Participants

Dwayne McIntosh - Director of Product Management, Juniper Automated WAN Portfolio, Juniper Networks

Panel Discussion: Delivering enhanced rural FWA coverage

15:15 - 15:45

PREMIUM: FWA, 5G and Mobile Broadband - Virtual

- How to commercially deliver rural FWA access
- Managing the specific technical requirement to deliver a reliable and high-performing service
- Integrating 5G FWA to bring superior connectivity to rural and beyond
- Spectrum for rural FWA

Participants

Moderator: Shiv Putcha - Founder and Principal Analyst, Mandala Insights

Shuvankar Roy - Vice President, Product Operations, Comcast

Anuradha Udunuwara - Senior Enterprise Solutions Architect, Sri Lanka Telecom

Paul Hjul - Managing Director, Hjul Consulting

SCHEDULE

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14:00	<p>14:00 - Service Provider Presentation: The business case for hybrid broadband access to serve rural communities</p> <p>14:15 - Session Reserved for Facebook Connectivity</p> <p>14:30 - Fireside Chat: 5G Home Internet: Capitalising on fixed network blackspots through 5G FWA offering</p> <p>14:45 - Service Provider Presentation: How the FWA technology business is evolving to ensure competitiveness</p>
15:00	<p>15:00 - Solution Provider Presentation: Emerging Broadband Solutions</p> <p>15:15 - Panel Discussion: Delivering enhanced rural FWA coverage</p>

Service Provider Presentation: How Multi-Path technology can improve the customer experience in connected life

10:00 - 10:15

PREMIUM: Connected Life Summit - Virtual

- Targeted connectivity user experience 2025 and the role of Multipath
- Driving the industry towards an app-less approach while ensuring interoperability via standardization
- Insights on latest trial results with DT prototype

Participants

Thomas Henze - Senior Product Manager App-less Connectivity, Deutsche Telekom

Solution Provider Presentation: Mesh+, Connection+

10:15 - 10:30

PREMIUM: Connected Life Summit - Virtual

- Mesh achieves whole-home Wi-Fi coverage and is becoming an important choice for operators
- "Mesh+" enhances the in-home connection and realizes the upgrade of in-home network experience

Participants

Zhao Jinzheng - International Marketing Director of Fixed Line CPE Product, ZTE Corporation

Service Provider Presentation: Digital operators provide new home digital services

10:30 - 10:45

PREMIUM: Connected Life Summit - Virtual

- Pain points of traditional service of telecom operators' home services
- New technologies (5G, AI, IoT etc.) bring better opportunities for telecom operators' home services
- Strategies for developing home digital services

Participants

Jun Liao - Director of Digital Technology Research Center/Advanced Technology Research Center, China Unicom

Solution Provider Presentation: Home LAN personalized experience

10:45 - 11:00

PREMIUM: Connected Life Summit - Virtual

The uniformed experience is dead for Broadband users, long life to the personalised experience, where the environment is constantly adapting to satisfy customers and optimize its experience.

Participants

David Viret-Lange - CEO, SoftAtHome

Fireside Chat: Building an end-to-end smart home solution to own the connected home

11:00 - 11:15

PREMIUM: Connected Life Summit - Virtual

- The smart home product suite to meet to future-proof your proposition
- Eliminating the competition of broadband access providers through partnerships
- Overcoming security threats with an integrated, interoperable and secure solution

Participants

Moderator: Mariana Zamoszczyk - Principal Analyst, Smart Home Services, Omdia

Nathan Gumley - Executive & Group Owner - Home & Entertainment, Telstra

Solution Provider Presentation: Presentation Title: Simplifying security for service providers

11:15 - 11:30

PREMIUM: Connected Life Summit - Virtual

How can Service Providers create value with a holistic cyber security offering for their customers? Demand for consumer cyber security services is on the rise, as more people than ever before are using the internet in every aspect of their connected lives. Come join Steven's presentation to gain insights in:

- The latest consumer research on how people are increasingly worried about their online security and privacy in the connected home and beyond and turning to Service Providers to provide them the peace of mind
- Our unique complete all-in-one security and privacy offering protecting consumers online lives with more engaging customer experience driving your customer satisfaction & loyalty, ARPU and trusted provider positioning
- Delivering your chosen security proposition with our modular and flexible client framework and turning cyber security into commercial success with our extensive range of Service Provider business support services beyond technology across the entire customer lifecycle

Participants

Steven Offerein - Director of Business Development, F-Secure

Fireside Chat: How to build a secure smart product suite to monetise the connected home

11:30 - 11:45

PREMIUM: Connected Life Summit - Virtual

- Developing a value proposition and healthy revenue streams in the smart home security market
- Overcoming security threats with an integrated, interoperable and secure solution

Participants

Moderator: Mariana Zamoszczyk - Principal Analyst, Smart Home Services, Omdia

Bruno Rodriguez - Director, Technology Licensing and Strategic Partnerships, EMEA, BitDefender

Live Q&A

11:45 - 12:15

PREMIUM: Connected Life Summit - Virtual

Analyst Address: Wholesale business models and approaches

13:45 - 14:00

PREMIUM: Open Fibre Networks - Virtual

- Growing importance and commercialisation of wholesale in fractured geographical landscape
- What wholesale FTTP operators offer now
- Software platforms or infrastructure: two routes for wholesalers
- Is the market ready for NaaS?
- Adjacent opportunities for FTTP wholesalers

Participants

Rupert Wood - Research Director, Analysys Mason

Solution Provider Presentation: Beyond 10G PON - leveraging your fibre investment for higher-speed, higher-value services

14:00 - 14:15

PREMIUM: Open Fibre Networks - Virtual

Participants

Ryan McCowan - CTO Americas & Head of Portfolio Strategy, Adtran

SESSIONS

15TH OCTOBER: BBWF DIGITAL WEEK

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

Service Provider Presentation: Open-Sourced Based Access Virtualization

14:15 - 14:30

PREMIUM: Open Fibre Networks - Virtual

- Virtualization in TT
- Supported Open-Source Projects
- ONF SEBA
- Netsia SEBA +
- Türk Telekom Access Roadmap

Participants

Cemil Soylu - Senior Architect, Fixed Access Network, Türk Telekom

Fireside Chat: Virtually Secure – how do you take a holistic approach to Network Security in a physical, virtual, cloudified network?

14:30 - 14:45

PREMIUM: Open Fibre Networks - Virtual

- How to secure your cloud is not your hotspot of cyber attacks
- Leveraging IoT and offering new value propositions to their customers could become the weakest link to secure
- Outplaying security challenges by actionable tackles

Sami Said - Chief Security Officer, Tunisie Telecom

Service Provider Presentation: How to manage a successful nationwide FTTH rollout plan: TIM experience in 2021

14:45 - 15:00

PREMIUM: Open Fibre Networks - Virtual

- Defining challenging targets and coverage strategies
- Setting smart design rules and reusing existing infrastructures
- Managing workforce, contractors and public stakeholders

Participants

Tommaso Muciaccia - Head of Passive Network Development, TIM

Live Q&A

15:00 - 15:30

PREMIUM: Open Fibre Networks - Virtual

SCHEDULE

15TH OCTOBER: BBWF DIGITAL WEEK -

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

TIME	PREMIUM: CONNECTED LIFE SUMMIT - VIRTUAL	PREMIUM: OPEN FIBRE NETWORKS - VIRTUAL
10:00	<p>10:00 - Service Provider Presentation: How Multi-Path technology can improve the customer experience in connected life</p> <p>10:15 - Solution Provider Presentation: Mesh+, Connection+</p> <p>10:30 - Service Provider Presentation: Digital operators provide new home digital services</p> <p>10:45 - Solution Provider Presentation: Home LAN personalized experience</p>	
11:00	<p>11:00 - Fireside Chat: Building an end-to-end smart home solution to own the connected home</p> <p>11:15 - Solution Provider Presentation: Presentation Title: Simplifying security for service providers</p> <p>11:30 - Fireside Chat: How to build a secure smart product suite to monetise the connected home</p> <p>11:45 - Live Q&A</p>	
12:00		
13:00		<p>13:45 - Analyst Address: Wholesale business models and approaches</p>
14:00		<p>14:00 - Solution Provider Presentation: Beyond 10G PON - leveraging your fibre investment for higher-speed, higher-value services</p> <p>14:15 - Service Provider Presentation: Open-Sourced Based Access Virtualization</p> <p>14:30 - Fireside Chat: Virtually Secure – how do you take a holistic approach to Network Security in a physical, virtual, cloudified network?</p> <p>14:45 - Service Provider Presentation: How to manage a successful nationwide FTTH rollout plan: TIM experience in 2021</p>
15:00		<p>15:00 - Live Q&A</p>

SESSIONS

12TH OCTOBER: IN AMSTERDAM

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

Deploying a superior connectivity experience for smart buildings and facilities with LoRaWAN®

09:30 - 09:40

PREMIUM: Partner Programme Workshops - Stream 2

- Introduction to LoRaWAN® for Smart Buildings and Beyond

Participants

Derek Wallace - VP of Marketing, LoRa Alliance

Measure and Improve ESG Metrics in Building and Estate Management with LoRaWAN®

09:40 - 09:55

PREMIUM: Partner Programme Workshops - Stream 2

Participants

Charles Paumelle - Co-Founder and Chief Product Officer, Microshare, LoRa Alliance

Q&A

09:55 - 10:00

PREMIUM: Partner Programme Workshops - Stream 2

Participants

Charles Paumelle - Co-Founder and Chief Product Officer, Microshare, LoRa Alliance

Network Optimization for Building Management Systems

10:00 - 10:20

PREMIUM: Partner Programme Workshops - Stream 2

Participants

Jesper Holm Kristoffersen - CEO, Brunata a/s, Minol ZENNER Group, LoRa Alliance

Andreas Jensen - BDM, IoT & Digital Services, Minol ZENNER Group, LoRa Alliance

Q&A

10:20 - 10:25

PREMIUM: Partner Programme Workshops - Stream 2

Participants

Jesper Holm Kristoffersen - CEO, Brunata a/s, Minol ZENNER Group, LoRa Alliance

Andreas Jensen - BDM, IoT & Digital Services, Minol ZENNER Group, LoRa Alliance

Networking Break

10:25 - 10:35

PREMIUM: Partner Programme Workshops - Stream 2

Energy saving solutions in existing buildings: ROI and sustainability

10:35 - 10:50

PREMIUM: Partner Programme Workshops - Stream 2

Participants

Stefan Lindgren - CTO, Talkpool, LoRa Alliance

Q&A

10:50 - 10:55

PREMIUM: Partner Programme Workshops - Stream 2

Participants

Stefan Lindgren - CTO, Talkpool, LoRa Alliance

Workspace Safety and other Smart Building Management use cases

10:55 - 11:10

PREMIUM: Partner Programme Workshops - Stream 2

Participants

Frank Koopman - Executive Vice President, Actility, LoRa Alliance

Q&A

11:10 - 11:15

PREMIUM: Partner Programme Workshops - Stream 2

Participants

Frank Koopman - Executive Vice President, Actility, LoRa Alliance

Panel Discussion: Live Session Q&A

11:15 - 11:30

PREMIUM: Partner Programme Workshops - Stream 2

Participants

Moderator: Derek Wallace - VP of Marketing, LoRa Alliance

Charles Paumelle - Co-Founder and Chief Product Officer, Microshare, LoRa Alliance

Jesper Holm Kristoffersen - CEO, Brunata a/s, Minol ZENNER Group, LoRa Alliance

Andreas Jensen - BDM, IoT & Digital Services, Minol ZENNER Group, LoRa Alliance

Stefan Lindgren - CTO, Talkpool, LoRa Alliance

Frank Koopman - Executive Vice President, Actility, LoRa Alliance

Networking Lunch

11:30 - 12:15

PREMIUM: Partner Programme Workshops - Stream 2

Connected Home with Broadband Forum

12:15 - 14:15

PREMIUM: Partner Programme Workshops - Stream 2

Open Roaming with Wireless Broadband Alliance

14:15 - 15:45

PREMIUM: Partner Programme Workshops - Stream 2

OpenRoaming is a new way to connect devices and things automatically and securely to wireless networks, with the goal to standardize Wi-Fi and Private Networks onboarding and roaming.

In summary OpenRoaming is a federation service that enables seamless onboarding and a secure connection to both participating Identity Providers (IDPs) and Access Network Providers (ANPs).

It defines a cloud-based roaming federation that leverages native device capability, a public key infrastructure and common legal framework to significantly lower the barriers to adoption of roaming/offload services.

This workshop covers the technology building blocks, deployment steps and business opportunities.

Participants

Bruno Thomas - Director, Wireless Broadband Alliance

Analyst Keynote: State of the telecom market and investment outlook

15:45 - 16:00

VIP: C-Level Summit

Participants

Dario Talmesio - Principal Analyst, Omdia

SESSIONS

12TH OCTOBER: IN AMSTERDAM

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

Chatham House Rules: Boardroom Discussions

16:00 - 16:30

VIP: C-Level Summit

The Boardroom Discussions will be limited to C-level and VP-level executives from operators, non-profits and 1 vendor for each of the discussions listed below. The topic area will be defined in conjunction with the leading analyst of the roundtable.

Connected Life Boardroom Discussion: Smart Wi-Fi

Led by Michael Philpott, Research Director, Omdia

FTTx Boardroom Discussion: European Fibre Rollout

Led by Roland Montagne, Principal Analyst, IDATE DIGIWORLD

Open Fibre Networks Boardroom Discussion: Cloud-Based Networks

Led by Chris Silberberg, Research Analyst, Omdia

Participants

Michael Philpott - Senior Practice Leader, Consumer Services, Omdia

Roland Montagne - Principal Analyst, Director Market Development, IDATE DigiWorld

Chris Silberberg - Senior Analyst, Service Provider Transformation, Omdia

Chatham House Rules: Boardroom Discussions

16:30 - 17:00

VIP: C-Level Summit

The Boardroom Discussions will be limited to C-level and VP-level executives from operators, non-profits and 1 vendor for each of the discussions listed below. The topic area will be defined in conjunction with the leading analyst of the roundtable.

FTTx Boardroom Discussion: Next-Gen PON - 10G, 25G, and 50G

Led by Julie Kunstler, Chief Analyst, Omdia

Fixed Mobile Convergence Boardroom Discussion: Pricing, Bundling and Strategy

Led by Peter Boyland, Principal Analyst, Omdia

FWA, 5G and Mobile Broadband Boardroom Discussion

Led by Jean-Luc Lemmens, Research Director, IDATE DIGIWORLD

Participants

Julie Kunstler - Chief Analyst, Omdia

Jean-Luc Lemmens - Research Director, Head of Media & Telecom Business Unit, IDATE DigiWorld

Peter Boyland - Principal Analyst, Omdia

SCHEDULE

12TH OCTOBER: IN AMSTERDAM -

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

TIME	PREMIUM: PARTNER PROGRAMME WORKSHOPS - STREAM 2	VIP: C-LEVEL SUMMIT
09:00	<p>09:30 - Deploying a superior connectivity experience for smart buildings and facilities with LoRaWAN®</p> <p>09:40 - Measure and Improve ESG Metrics in Building and Estate Management with LoRaWAN®</p> <p>09:55 - Q&A</p>	
10:00	<p>10:00 - Network Optimization for Building Management Systems</p> <p>10:20 - Q&A</p> <p>10:25 - Networking Break</p> <p>10:35 - Energy saving solutions in existing buildings: ROI and sustainability</p> <p>10:50 - Q&A</p> <p>10:55 - Workspace Safety and other Smart Building Management use cases</p>	
11:00	<p>11:10 - Q&A</p> <p>11:15 - Panel Discussion: Live Session Q&A</p> <p>11:30 - Networking Lunch</p>	
12:00	<p>12:15 - Connected Home with Broadband Forum</p>	
13:00		
14:00	<p>14:15 - Open Roaming with Wireless Broadband Alliance</p>	
15:00		<p>15:45 - Analyst Keynote: State of the telecom market and investment outlook</p>
16:00		<p>16:00 - Chatham House Rules: Boardroom Discussions</p> <p>16:30 - Chatham House Rules: Boardroom Discussions</p>

SESSIONS

13TH OCTOBER: IN AMSTERDAM

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

Chair's Opening Remarks

09:40 - 09:50

PREMIUM: Live Streamed Keynotes

Participants

Dario Talmesio - Principal Analyst, Omdia

Market Update: Fiber Development Index – results, insights and lessons learnt from global fibre rollout

09:50 - 10:00

PREMIUM: Live Streamed Keynotes

- Deploying fiber to future-proof and diversify your broadband business – consumer, enterprise, mobile, connected services and more
- Financing models, partnerships and approaches to build your fibre network
- Key challenges and lessons learnt from the leading fibre nations and market

Participants

Michael Philpott - Senior Practice Leader, Consumer Services, Omdia

Opening Keynote: Investing in digital services, technologies, and superior networks to accelerate revenue growth

10:00 - 10:20

PREMIUM: Live Streamed Keynotes

- Accelerating fibre rollout to drive greater network penetration, customer loyalty & spend and reduced maintenance costs
- How to grow mass market service revenues as a 'digital partner'
- Maximising cost-efficiency with digital customer journeys and IT and network rationalisation

Participants

Babak Fouladi - Board Member CTDO, KPN

Leveraging fixed mobile convergence and emerging technologies to become a 'digital service provider'

10:20 - 10:40

PREMIUM: Live Streamed Keynotes

- Converging 5G and fibre to build tailored enterprise solutions
- AI, IoT, cloud and security technologies to compliment enterprise partnerships
- How to manage the shutdown of legacy technologies and networks

Participants

Rob Shuter - Chief Executive Officer, BT Enterprise

Seeing the light in a 5G world

10:40 - 11:00

PREMIUM: Live Streamed Keynotes

Fiber is more important than ever – especially in a 5G world. If we want to connect the next billion households, we need to combine fiber and wireless; we need innovative approaches to deliver higher speeds to more people; we need to build on the cloud to automate network operations; all while minimizing the environmental impact.

Participants

Federico Guillén - President of Network Infrastructure, Nokia

Huawei SingleFAN Pro Solution Brings a New Digital Life Experience

11:00 - 11:20

PREMIUM: Live Streamed Keynotes

Participants

Jeffrey Zhou - President of Optical Access Network Product Line, Huawei

Start-Up Showcase with KPN, Wayra Germany and Match-Maker Ventures

11:00 - 11:15

FREE: Partner Programme

Check out the hottest start-ups and see who who makes it through to the Start-Up Showcase Final!

Participants

Marie José Van Den Boomgaard - Liaison Manager Start-Ups & Scale-Ups, KPN

Nicolai Schättgen - CEO, Match-Maker Ventures

Florian Bogenschütz - CEO, Wayra Germany

Opening Keynote: Focusing on commitment to green and digital transformation

11:00 - 11:20

FREE: Gigabit Innovation

- Looking into the next digital decade and the role telcos will play in this
- Accelerating the European Commission's green ambitions
- What to expect from regulators to be more supportive in unlocking industry potential fully

Participants

Lise Fuhr - Director General, ETNO - European Telecommunications Network Operators' Association

Start-Up Showcase: Pitch from Opt-Net and Questions

11:15 - 11:30

FREE: Partner Programme

OPT/NET comprises telecom network experts with over 50 years of combined industry experience. Initially serving as a tool for our own telecom consulting practice, OptOSS AI has grown into a stand-alone carrier-grade AIOps platform built for Network Operations/Quality Centers. OptOSS AI helps Telecoms with event correlation, analysis, anomaly detection, alerting, and root cause analysis across any IT infrastructure - mobile, fixed, cloud, etc. Receive actionable intelligence on issues brewing in your stack before customers complain, and benefit from task automation/knowledge management at scale to achieve operational excellence.

Participants

Seva Matselyukh - CCO, Opt-Net

Exhibition Break

11:20 - 11:50

PREMIUM: Live Streamed Keynotes

Solution Provider Presentation: Next-Gen PON (XGS-PON) is now a Reality and is transforming the Networks

11:20 - 11:40

FREE: Gigabit Innovation

- Using PON in FTTH topology across multi-operator environment: incumbent, MSO
- Enabling 1G+ symmetric for business services, small office home office
- Challenges to support 5G xHaul in XGS-PON, 25G-PON, 50G-PON

Participants

Paulo Mão-Cheia - Head of xPON, FTTx and QoS Probing Products Development, Altice Labs

SESSIONS

13TH OCTOBER: IN AMSTERDAM

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

Start-Up Showcase: Pitch from Benocs and Questions

11:30 - 11:45

FREE: Partner Programme

BENOCS GmbH – a spin-off of Deutsche Telekom – is a small company with big plans to revolutionize the way network traffic is managed. Their intelligent and fully automated solutions fit networks of any size and provide ISPs as well as CDNs strategic ways of coping with growing network traffic. With BENOCS Analytics, network operators, transit and wholesales carriers, Hosting and CDNs gain end-to-end visibility of their entire traffic flows.

Participants

Stephan Schroeder - CEO, BENOCS

Service Provider Presentation: Network Technology – Focusing on the road to climate neutrality

11:40 - 12:00

FREE: Gigabit Innovation

- Building ecosystems to support smart energy transition
- Analysing and measuring power consumption
- Site energy monitoring to increase energy efficiency

Participants

Trevor Linney - Research leader - Access Networks, Openreach

Start-Up Showcase: Pitch from Lansweeper Powered by Fing and Questions

11:45 - 12:00

FREE: Partner Programme

Lansweeper Powered by Fing provides agentless, credential-free and credential-based device discovery and recognition across all connected IT, OT and IoT in seconds. Our big data, AI and advanced machine-learning techniques identify the full range of devices with a patented device fingerprinting technology. It works behind the scenes automatically, continually updating your IT asset inventory with the most complete and accurate device information based on a database of 900M+ uniquely identified devices. Lansweeper optimizes network visibility and provides a data baseline for creating innovative, next-generation connected products, while increasing performance and control, minimizing risk and enabling you to deliver exceptional customer experiences. Lansweeper Partner Program allows our partners to leverage our technology or some components through integrations, OEM solutions and Channel programs.

Participants

Patrizia Cozzoli - CEO, Lansweeper Powered by Fing

Martin Meduna - Partner Solution Architect Lansweeper, Lansweeper Powered by Fing

Building an innovative converged network infrastructure for the UK

11:50 - 12:10

PREMIUM: Live Streamed Keynotes

- BT's converged network vision & timeline for deployment
- BT Labs – Investing in R&D to make tomorrow's networks faster, cheaper & more energy efficient
- Delivering infrastructure platforms that enable growth and innovation in Enterprise and Consumer services

Participants

Howard Watson - CTIO, BT Group

Start-Up Showcase: Pitch from Radio Innovation and Questions

12:00 - 12:15

FREE: Partner Programme

Radio Innovation develops antenna solutions for today and tomorrow's needs. It's highly disruptive, innovative and affordable solution gives the MNO lower CAPEX/OPEX, enabling end-user satisfaction with lower cost per GB/month and thus lower ARPU.

The advanced antenna platforms are passive, agnostic and consumes lower energy than standard antennas, giving more than 28dB comparing to standard antennas of which you gain 18dB. Our main focus is to close the coverage gap and eliminate digital divide by delivering solutions for the countryside and rural areas. We offer antenna and site solutions with exceptional performance and quality. Capacity, coverage and data rate. In urban, suburban, countryside and rural areas all over the world.

Participants

Dusyant Patel - CEO, Radio Innovation

Panel Discussion: Evolving your network to deliver next-gen PON

12:00 - 12:30

FREE: Gigabit Innovation

- Open source, cloudification and virtualisation and emerging approaches to evolve your PON network
- Leveraging alternative transport concepts for higher NGPON-penetration
- 25G PON, 50G PON – how can operators leverage next-gen PON networks to deliver new revenue streams

Participants

Eric Festraets - President, FTTH Council Europe

Panel Discussion: Overcoming the financial challenge of fibre rollout with an investment partner

12:10 - 12:40

PREMIUM: Live Streamed Keynotes

- The rationale – how all stakeholders complement each other's strengths to deliver a fruitful partnership
- The financial and shared ownership template to ensure a long-standing partnership
- To what extent are multi-stakeholder fibre partnerships limited to wholesale JVs?

Participants

Moderator: Rupert Wood - Research Director, Analysys Mason

Alex Goldblum - CEO, Eurofiber

Oliver Bradley - Managing Director, Macquarie

Simon Holden - Group COO, CityFibre

Arnoud de Ridder - Associate Director, Infrastructure, NIBC

Start-Up Showcase: Pitch from Avanseus and Questions

12:15 - 12:30

FREE: Partner Programme

Avanseus develops AI driven Enterprise Applications. We are currently focused on predictive maintenance for networks and applications. Avanseus Cognitive Assistant for Networks (CAN) is a non-intrusive, 5G ready solution that predicts network faults, service and application degradation for mobile, fixed, IP/MPLS backbone and transmission networks. Technology and vendor agnostic, the solution can be cloud-based or installed on-premise, with a typical set-up time of just 4-6 weeks. CAN is cloud-native, fully containerised software and supports 5G multi-cloud environments.

CAN supports digital transformation bringing AI and predictive analytics to the mobile edge, and enables customers to move from manual systems/processes toward a zero-touch network with closed-loop automation. Customers enjoy significant efficiency gains, reductions in maintenance costs and increased network uptime.

Participants

Salvatore Maisano - EVP Global Markets, Avanseus

SESSIONS

13TH OCTOBER: IN AMSTERDAM

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

Start-Up Showcase: Pitch from Unmanned Life and Questions

12:30 - 12:45

FREE: Partner Programme

Unmanned Life is the leading software platform for seamless orchestration of autonomous robotics. It is changing the way autonomous robotics are being deployed by large corporations thanks to its autonomy-as-a-service orchestration platform powered by AI and 5G. Unmanned Life software platform is capable of integrating different technologies such as proprietary AI, 5G, and Edge computing with multiple robots such as drones and autonomous mobile robots (AMRs). It leverages a variety of capabilities to enable autonomous operations across multiple sectors in Industry 4.0 and Smart Cities.

Participants

Jorge Munoz - Vice President for Business and Marketing, Unmanned Life

Service Provider Presentation: How Multi-Path technology can improve the customer experience in connected life

12:30 - 12:50

FREE: Gigabit Innovation

- Targeted connectivity user experience 2025 and the role of Multipath
- Driving the industry towards an app-less approach while ensuring interoperability via standardization.
- Insights on latest trial results with DT prototype

Participants

Thomas Henze - Senior Product Manager App-less Connectivity, Deutsche Telekom

Opening up the network to deliver amazing broadband experiences

12:40 - 13:00

PREMIUM: Live Streamed Keynotes

OpenRAN is currently grabbing all the headlines across the industry; however under the radar Open transport, Open Access and Open subscriber solutions are coming together to deliver the most amazing broadband experiences.

Which open standards are underpinning this revolution, and what real world benefits are operators enjoying from it.

Participants

Ronan Kelly - CTO, EMEA & APAC Regions, ADTRAN

Start-Up Showcase: Pitch from Embneusys and Questions

12:45 - 13:00

FREE: Partner Programme

Embneusys has developed an IoT solution for monitoring construction equipment, minimizing lost hours in the field and maximizing their usability among different sites.

Participants

Georgios Foroglou - CEO, Embneusys

Session Reserved for Vendor

12:50 - 13:10

FREE: Gigabit Innovation

Exhibition and Lunch Break

13:00 - 13:50

PREMIUM: Live Streamed Keynotes

Start-Up Showcase: Pitch from Lifemote and Q&A

13:00 - 13:15

FREE: Partner Programme

Participants

Eren Soyak - Co-Founder & CEO, Lifemote

Fireside Chat: Driving a superior connected home customer experience with an intelligent Wi-Fi

13:10 - 13:30

FREE: Gigabit Innovation

- Leveraging smart CPE and cloud-based technology to optimise in-home Wi-Fi
- Delivering an integrated and seamless customer journey with app-based controls
- Minimising your OPEX and driving a digital customer experience with self-managed and automated connectivity troubleshooting

Judging and Announcement: The Start-Up Showcase Finalists

13:15 - 13:30

FREE: Partner Programme

Participants

Marie José Van Den Boomgaard - Liaison Manager Start-Ups & Scale-Ups, KPN

Florian Bogenschütz - CEO, Wayra Germany

Nicolai Schättgen - CEO, Match-Maker Ventures

Panel Discussion: Fiber Carrier Association - Netherlands

13:30 - 14:15

FREE: Partner Programme

Panel Discussion: Ensuring a resilient, high-performing network in the post-pandemic connected home

13:30 - 14:00

FREE: Gigabit Innovation

- Building smart network management solutions to meet increased demand and traffic on your network
- Combining firmware and hardware to boost the speed and reliability of your WiFi network
- Utilising virtual CPE and cloud software to boost your broadband experience whilst minimising costs

Full Fibre Connectivity - FTTE with ETSI F5G ISG

14:15 - 14:20

FREE: Partner Programme

Analyst Address: How converged and mobile operators are utilising fixed 5G to drive incremental revenues

14:15 - 14:35

FREE: Gigabit Innovation

- Global fixed 5G deployment trends
- Use cases: how converged and mobile operators are using fixed 5G to suit their market, business, and competitive objectives
- Leveraging 5G FWA to complement your wireline service

Participants

Stephen Wilson - Principal Analyst, Analysys Mason

Update of ISG F5G and next steps

14:20 - 14:40

FREE: Partner Programme

Participants

Luca Pesando - Chairman ISG F5G, ETSI

SESSIONS

13TH OCTOBER: IN AMSTERDAM

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

Analyst Address: Trends, success stories and approaches for service providers to succeed in the connected smart home

14:25 - 14:35

PREMIUM: Connected Life Summit

- Key smart home services; how and what service providers should prioritise and compete on
- How to overcome the threat of smart home vendors – partnerships, models and approaches

Participants

Mariana Zamoszczyk - Principal Analyst, Smart Home Services, Omdia

Analyst Address: How converged and mobile operators are utilising fixed 5G to drive incremental revenues

14:25 - 14:35

PREMIUM: FWA, 5G and Mobile Broadband

- Global fixed 5G deployment trends
- Use cases: how converged and mobile operators are using fixed 5G to suit their market, business, and competitive objectives
- Leveraging 5G FWA to complement your wireline service

Participants

Jean-Luc Lemmens - Research Director, Head of Media & Telecom Business Unit, IDATE DigiWorld

Chair's Opening Remarks

14:25 - 14:30

PREMIUM: Non-Residential Fibre

Participants

Emir Halilovic - Principal Analyst, GlobalData

Analyst Address: Capitalising on the capabilities of your >10GPON networks beyond residential

14:30 - 14:40

PREMIUM: Non-Residential Fibre

- SMEs, campuses and smart cities – how to prepare your network and business to deliver for non-residential customers
- Meeting the cloud-driven bandwidth requirements of campuses with your next-gen PON network
- Optimising wireline and wireless convergence to provide end-to-end connectivity in the smart city

Participants

Julie Kunstler - Chief Analyst, Omdia

Driving a superior connected home customer experience with an intelligent Wi-Fi experience

14:35 - 14:55

PREMIUM: Connected Life Summit

- Leveraging smart CPE and cloud-based technology to optimise in-home Wi-Fi
- Delivering an integrated and seamless customer journey with app-based controls
- Minimising your OPEX and driving a digital customer experience with self-managed and automated connectivity troubleshooting

Participants

Mark Giesbers - Managing Director Products, Liberty Global

5G Home Internet: Capitalising on fixed network blackspots through 5G FWA offering

14:35 - 14:55

PREMIUM: FWA, 5G and Mobile Broadband

- Improving the deployment economics with in-house CPE
- Detailed planning to ensure the commercial viability of 5G FWA in metropolitan areas
- How to further capitalise on 5G technology in the broadband market

Participants

Luca Mazza - Manager of Network Engineering, Fastweb

Session Reserved for Vendor

14:35 - 14:55

FREE: Gigabit Innovation

Driving new revenue streams over your next-gen PON access networks with non-residential

14:40 - 15:00

PREMIUM: Non-Residential Fibre

- How to the range of broadband and cloud requirements for SMEs to large-scale campuses
- Ensuring a high-performing network with SD-WAN
- Overcoming security threats to ensure peace of mind for enterprise customers

Participants

Dr. Muslim Elkotob - Principal Solutions Architect, Vodafone

Strategy and practice of full fibre connection

14:40 - 15:00

FREE: Partner Programme

Participants

Lloyd Mphahlele - Strategy Director, MTN

Session Reserved for Home Network Management Vendor

14:55 - 15:15

PREMIUM: Connected Life Summit

Session Reserved for FWA Vendor

14:55 - 15:15

PREMIUM: FWA, 5G and Mobile Broadband

Service Provider Presentation: 5G Home Internet: Capitalising on fixed network blackspots through 5G FWA offering

14:55 - 15:15

FREE: Gigabit Innovation

- Improving the deployment economics with in-house CPE
- Detailed planning to ensure the commercial viability of 5G FWA in metropolitan areas
- How to further capitalise on 5G technology in the broadband market

Participants

Jan Hruska - Chief Technology Officer, O2 Czech Republic

Beyond 10G PON - leveraging your fibre investment for higher-speed, higher-value services

15:00 - 15:20

PREMIUM: Non-Residential Fibre

Participants

Ryan McCowan - CTO Americas & Head of Portfolio Strategy, Adtran

The trend, demand and suggestion for full fibre network from optical component and modular point of view

15:00 - 15:20

FREE: Partner Programme

Participants

Stephane Teral - Chief Analyst, Lightcounting

SESSIONS

13TH OCTOBER: IN AMSTERDAM

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

OPEN NETWORKING FOUNDATION WORKSHOP: Taking opensource to production in broadband network with VOLTHA, a community view.

15:00 - 17:00

PREMIUM: Partner Programme Workshop 1

During this workshop key members of the VOLTHA community, from operators and system integration to vendors, will share their participation, contributions and lessons learned on the road to production deployments of VOLTHA and ONOS in Tier 1 networks.

Participants

Ronan Kelly - CTO, EMEA & APAC Regions, ADTRAN

Andrea Campanella - European Cluster Lead, Open Networking Foundation

Burak Gorkemli - Product and Innovation Coordinator, Netsia

Manuel Paul - Senior Expert, International Standardization, Deutsche Telekom

Rajesh Chundury - VP Customer Solutions – Broadband, Radisys

Cemil Soyulu - Senior Architect, Fixed Access Network, Türk Telekom

Panel Discussion: Ensuring a resilient, high-performing network in the post-pandemic connected home

15:15 - 15:45

PREMIUM: Connected Life Summit

- Building smart network management solutions to meet increased demand and traffic on your network
- Combining firmware and hardware to boost the speed and reliability of your WiFi network
- Utilising virtual CPE and cloud software to boost your broadband experience whilst minimising costs

Participants

Michael Philpott - Senior Practice Leader, Consumer Services, Omdia

Pedro Bandeira - Vice President of Product and New Business, Europe, Deutsche Telekom

Jerome Anastase - Vice President, EMEAR, ASSIA

Steven Offerein - Director of Business Development, F-Secure

Panel Discussion: Growing enterprise revenues and meeting business connectivity requirements with 5G FWA

15:15 - 15:45

PREMIUM: FWA, 5G and Mobile Broadband

Participants

Peter Boyland - Principal Analyst, Omdia

Florian Bogenschütz - CEO, Wayra Germany

Nicolai Schättgen - CEO, Match-Maker Ventures

Service Provider Presentation: Getting Ready for the 10G Future

15:15 - 15:35

FREE: Gigabit Innovation

- The 10G vision for cable access networks – How best to deliver multi-gigabit upstream and downstream speeds to meet consumer demands of tomorrow
- Will cable operators upgrade their DOCSIS networks again or go straight to FTTP?
- How can operators boost the efficiency of existing network infrastructure to yield greater cost savings?

Participants

Neil Geary - Director, Technical Strategy (Fixed Network), Virgin Media O2

Fireside Chat: How to drive value as an altnet fibre builder

15:20 - 15:40

PREMIUM: Non-Residential Fibre

- Identifying your target segments, competing with incumbents, and adding value regionally
- How to ensure value delivery through network monetization
- Approaches and strategies to create a competitive, thriving fibre market

Participants

Moderator: Jaimie Lenderman - Principal Analyst, Network Infrastructure and Software, Omdia

Boris Dragovic - Chief Strategy & Transformation Officer, Hyperoptic

Industry optical network for twin transition

15:20 - 15:40

FREE: Partner Programme

Fireside Chat: Building a software-based architecture to deliver gigabit services

15:35 - 15:55

FREE: Gigabit Innovation

- Overcoming the challenge of space, power, and cost with software-based architecture
- Accelerating network deployment and improvements with a scalable and cloud-based approach
- Optimising network management with a central cloud-based management service

Exhibition Break

15:40 - 16:10

PREMIUM: Non-Residential Fibre

Session Details To Be Confirmed

15:40 - 16:00

FREE: Partner Programme

Participants

Ronald Freund - Head of Photonic Networks and Systems Department, Fraunhofer Heinrich Hertz Institute

Exhibition Break

15:45 - 16:15

PREMIUM: Connected Life Summit

Exhibition Break

15:45 - 16:15

PREMIUM: FWA, 5G and Mobile Broadband

Service Provider Presentation: Virtualising your cable infrastructure to deliver next-generation cloud service

15:55 - 16:15

FREE: Gigabit Innovation

- Enabling mass deployment of DAA and edge architecture with a cloud-based network
- Scalability and agility to build, run, manage, and connect any network device
- AI, automation, and machine learning to deliver intelligent operational insights

SESSIONS

13TH OCTOBER: IN AMSTERDAM

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

Panel Discussion

16:00 - 16:45

FREE: Partner Programme

Participants

Lloyd Mphahlele - Strategy Director, MTN

Teun Van Der Veen - Senior Consultant Media Networks, TNO

Stephane Teral - Chief Analyst, Lighcounting

Jialiang Jin - Senior Architect, China Telecom Research Institute

Philippe Chanclou - Team Manager, Fixed Access Networks, Orange

How to deliver value and meet the requirements for non-residential customers

16:10 - 16:30

PREMIUM: Non-Residential Fibre

- Building a resilient, robust and flexible high-performing network to ensure quality of service
- Developing value and packages for a range of non-residential customers
- How to ensure exceptional customer service for your non-residential customer

Participants

Tim Ireland - CEO, Bridge Fibre

Developing a secure, reliable and seamless connectivity standard for smart home devices

16:15 - 16:35

PREMIUM: Connected Life Summit

- Building the standard on IP to deliver end-to-end security privacy for your devices
- Leveraging open source to build a unified connectivity protocol
- How to ensure Matter remains the modern standard with the continual evolution of in-home devices

Participants

Jon Harros - Director of Certification & Testing, Connectivity Standards Alliance

Capitalising on the network quality gap with 5G FWA

16:15 - 16:35

PREMIUM: FWA, 5G and Mobile Broadband

- Migrating users to WTTx and wholesale DSL to yield greater profit margins
- Restructuring and incentivising your mobile operator to meet the requirements for a successful FWA business
- Targeting metropolitan segments on top of traditional rural homes and SMEs to strengthen the commercial viability of FWA

Participants

Branimir Marić - Technology & IT Director, T-Mobile Czech Republic & Slovak Telekom

Service Provider Presentation: Driving new revenue streams over your next-gen PON access networks with non-residential

16:15 - 16:35

FREE: Gigabit Innovation

- How to the range of broadband and cloud requirements for SMEs to large-scale campuses
- Ensuring a high-performing network with SD-WAN
- Overcoming security threats to ensure peace of mind for enterprise customers

Fireside Chat: Leveraging ATSSS and multipath connectivity to deliver robust non-residential and industrial networks

16:30 - 16:50

PREMIUM: Non-Residential Fibre

Participants

Moderator: Chris Silberberg - Senior Analyst, Service Provider Transformation, Omdia

Ahmed Hafez - Vice President, Network Convergence, Deutsche Telekom

Home LAN personalised experience

16:35 - 16:55

PREMIUM: Connected Life Summit

The uniformed experience is dead for Broadband users, long life to the personalised experience, where the environment is constantly adapting to satisfy customers and optimize its experience.

Participants

David Viret-Lange - CEO, SoftAtHome

Delivering enhanced rural FWA coverage

16:35 - 16:55

PREMIUM: FWA, 5G and Mobile Broadband

- How to commercially deliver rural FWA access
- Managing the specific technical requirement to deliver a reliable and high-performing service
- Integrating 5G FWA to bring superior connectivity to rural and beyond
- Spectrum for rural FWA

Participants

Mike Stacey - Chief Technology & Innovation Officer, Imagine Communications Group

Fireside Chat: How to drive value as an altnet fibre builder

16:35 - 16:55

FREE: Gigabit Innovation

- Identifying your target segments, competing with incumbents, and adding value regionally
- How to ensure value delivery through network monetization
- Approaches and strategies to create a competitive, thriving fibre market

Panel Discussion: How to capitalise on the non-residential use cases at your operator

16:50 - 17:20

PREMIUM: Non-Residential Fibre

- Future-proofing your PON network with upgrades to meet non-residential requirements
- Fixed-mobile convergence to deliver large scale connectivity projects
- Setting up your business to deliver non-residential and residential revenue

Participants

Moderator: Chris Silberberg - Senior Analyst, Service Provider Transformation, Omdia

Dr. Muslim Elkotob - Principal Solutions Architect, Vodafone

Tim Ireland - CEO, Bridge Fibre

How to drive up WiFi service quality and customer experience for the connected smart home

16:55 - 17:15

PREMIUM: Connected Life Summit

- Leveraging CPE to boost in-home network quality
- Utilising mobile applications to troubleshoot and manage the in-home network
- Overcoming cyber threats to ensure a secure and high-performing network

Participants

Pedro Bandeira - Vice President of Product and New Business, Europe, Deutsche Telekom

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Opportunities and challenges to evolve towards a fully converged 5G, WiFi and ultra-fast broadband network

16:55 - 17:15

PREMIUM: FWA, 5G and Mobile Broadband

Participants

Maria Cuevas - Principal Manager, Mobile and 5G Research Team – BT Labs, BT

Service Provider Presentation: How to deliver value and meet the requirements for non-residential customers

16:55 - 17:15

FREE: Gigabit Innovation

- Building a resilient, robust and flexible high-performing network to ensure quality of service
 - Developing value and packages for a range of non-residential customers
 - How to ensure exceptional customer service for your non-residential customer
-

Panel Discussion: Building secure smart home product suite to capitalise on the connected smart home

17:15 - 17:45

PREMIUM: Connected Life Summit

- The smart home product suite to meet to future-proof your proposition
 - Overcoming security threats with an integrated, interoperable and secure solution
 - Eliminating the competition of broadband access providers through partnerships
-

Participants

Bruno Rodriguez - Director, Technology Licensing and Strategic Partnerships, EMEA, BitDefender

Kai Steuernagel - Head of QIVICON & Smart Home Technology Strategy, Deutsche Telekom

Fireside Chat: How to ensure a simple, slick and efficient customer onboarding with FWA

17:15 - 17:35

PREMIUM: FWA, 5G and Mobile Broadband

- Strengthening your FWA business case with simple self-installation
 - Minimising operational costs with streamlined onboarding
 - How to minimise the risk of self-installed internal and external CPE
-

Participants

Moderator: Peter Boyland - Principal Analyst, Omdia

Leo Lundy - Group CTO, Imagine Communications Group

Maximising your fibre network capacity with 5G xHaul, POL and FTTR business cases

17:20 - 17:40

PREMIUM: Non-Residential Fibre

- Supporting your mobile and 5g transport with fibre
 - Driving new revenue to your NG PON network through enterprise
 - Improving in-home connectivity and customer experience with FTTR
-

Participants

Philippe Chanclou - Team Manager, Fixed Access Networks, Orange

Broadband Party and Awards

17:45 - 21:45

SCHEDULE

13TH OCTOBER: IN AMSTERDAM -

Broadband World Forum

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Virtual Event: 11 - 15 October, 2021

TIME	FREE: GIGABIT INNOVATION	FREE: PARTNER PROGRAMME	PREMIUM: CONNECTED LIFE SUMMIT	PREMIUM: FWA, 5G AND MOBILE BROADBAND	PREMIUM: LIVE STREAMED KEYNOTES	PREMIUM: NON-RESIDENTIAL FIBRE	PREMIUM: PARTNER PROGRAMME WORKSHOP 1
09:00					<p>09:40 - Chair's Opening Remarks</p> <p>09:50 - Market Update: Fiber Development Index – results, insights and lessons learnt from global fibre rollout</p>		
10:00					<p>10:00 - Opening Keynote: Investing in digital services, technologies, and superior networks to accelerate revenue growth</p> <p>10:20 - Leveraging fixed mobile convergence and emerging technologies to become a 'digital service provider'</p> <p>10:40 - Seeing the light in a 5G world</p>		

SCHEDULE

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11:00	<p>11:00 - Opening Keynote: Focusing on commitment to green and digital transformation</p> <p>11:20 - Solution Provider Presentation: Next-Gen PON (XGS-PON) is now a Reality and is transforming the Networks</p> <p>11:40 - Service Provider Presentation: Network Technology – Focusing on the road to climate neutrality</p>	<p>11:00 - Start-Up Showcase with KPN, Wayra Germany and Match-Maker Ventures</p> <p>11:15 - Start-Up Showcase: Pitch from Opt-Net and Questions</p> <p>11:30 - Start-Up Showcase: Pitch from Benocs and Questions</p> <p>11:45 - Start-Up Showcase: Pitch from Lansweeper Powered by Fing and Questions</p>			<p>11:00 - Huawei SingleFAN Pro Solution Brings a New Digital Life Experience</p> <p>11:20 - Exhibition Break</p> <p>11:50 - Building an innovative converged network infrastructure for the UK</p>		
12:00	<p>12:00 - Panel Discussion: Evolving your network to deliver next-gen PON</p> <p>12:30 - Service Provider Presentation: How Multi-Path technology can improve the customer experience in connected life</p> <p>12:50 - Session Reserved for Vendor</p>	<p>12:00 - Start-Up Showcase: Pitch from Radio Innovation and Questions</p> <p>12:15 - Start-Up Showcase: Pitch from Avanseus and Questions</p> <p>12:30 - Start-Up Showcase: Pitch from Unmanned Life and Questions</p> <p>12:45 - Start-Up Showcase: Pitch from Embneusys and Questions</p>			<p>12:10 - Panel Discussion: Overcoming the financial challenge of fibre rollout with an investment partner</p> <p>12:40 - Opening up the network to deliver amazing broadband experiences</p>		

SCHEDULE

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13:00	<p>13:10 - Fireside Chat: Driving a superior connected home customer experience with an intelligent Wi-Fi</p> <p>13:30 - Panel Discussion: Ensuring a resilient, high-performing network in the post-pandemic connected home</p>	<p>13:00 - Start-Up Showcase: Pitch from Lifemote and Q&A</p> <p>13:15 - Judging and Announcement: The Start-Up Showcase Finalists</p> <p>13:30 - Panel Discussion: Fiber Carrier Association - Netherlands</p>			<p>13:00 - Exhibition and Lunch Break</p>		
14:00	<p>14:15 - Analyst Address: How converged and mobile operators are utilising fixed 5G to drive incremental revenues</p> <p>14:35 - Session Reserved for Vendor</p> <p>14:55 - Service Provider Presentation: 5G Home Internet: Capitalising on fixed network blackspots through 5G FWA offering</p>	<p>14:15 - Full Fibre Connectivity - FTTE with ETSI F5G ISG</p> <p>14:20 - Update of ISG F5G and next steps</p> <p>14:40 - Strategy and practice of full fibre connection</p>	<p>14:25 - Analyst Address: Trends, success stories and approaches for service providers to succeed in the connected smart home</p> <p>14:35 - Driving a superior connected home customer experience with an intelligent Wi-Fi experience</p> <p>14:55 - Session Reserved for Home Network Management Vendor</p>	<p>14:25 - Analyst Address: How converged and mobile operators are utilising fixed 5G to drive incremental revenues</p> <p>14:35 - 5G Home Internet: Capitalising on fixed network blackspots through 5G FWA offering</p> <p>14:55 - Session Reserved for FWA Vendor</p>		<p>14:25 - Chair's Opening Remarks</p> <p>14:30 - Analyst Address: Capitalising on the capabilities of your >10GPON networks beyond residential</p> <p>14:40 - Driving new revenue streams over your next-gen PON access networks with non-residential</p>	

SCHEDULE

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15:00	<p>15:15 - Service Provider Presentation: Getting Ready for the 10G Future</p> <p>15:35 - Fireside Chat: Building a software-based architecture to deliver gigabit services</p> <p>15:55 - Service Provider Presentation: Virtualising your cable infrastructure to deliver next-generation cloud service</p>	<p>15:00 - The trend, demand and suggestion for full fibre network from optical component and modular point of view</p> <p>15:20 - Industry optical network for twin transition</p> <p>15:40 - Session Details To Be Confirmed</p>	<p>15:15 - Panel Discussion: Ensuring a resilient, high-performing network in the post-pandemic connected home</p> <p>15:45 - Exhibition Break</p>	<p>15:15 - Panel Discussion: Growing enterprise revenues and meeting business connectivity requirements with 5G FWA</p> <p>15:45 - Exhibition Break</p>		<p>15:00 - Beyond 10G PON - leveraging your fibre investment for higher-speed, higher-value services</p> <p>15:20 - Fireside Chat: How to drive value as an altnet fibre builder</p> <p>15:40 - Exhibition Break</p>	<p>15:00 - OPEN NETWORKING FOUNDATION WORKSHOP: Taking opensource to production in broadband network with VOLTHA, a community view.</p>
16:00	<p>16:15 - Service Provider Presentation: Driving new revenue streams over your next-gen PON access networks with non-residential</p> <p>16:35 - Fireside Chat: How to drive value as an altnet fibre builder</p> <p>16:55 - Service Provider Presentation: How to deliver value and meet the requirements for non-residential customers</p>	<p>16:00 - Panel Discussion</p>	<p>16:15 - Developing a secure, reliable and seamless connectivity standard for smart home devices</p> <p>16:35 - Home LAN personalised experience</p> <p>16:55 - How to drive up WiFi service quality and customer experience for the connected smart home</p>	<p>16:15 - Capitalising on the network quality gap with 5G FWA</p> <p>16:35 - Delivering enhanced rural FWA coverage</p> <p>16:55 - Opportunities and challenges to evolve towards a fully converged 5G, WiFi and ultra-fast broadband network</p>		<p>16:10 - How to deliver value and meet the requirements for non-residential customers</p> <p>16:30 - Fireside Chat: Leveraging ATSSS and multipath connectivity to deliver robust non-residential and industrial networks</p> <p>16:50 - Panel Discussion: How to capitalise on the non-residential use cases at your operator</p>	

SCHEDULE

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17:00	17:45 - Broadband Party and Awards	17:45 - Broadband Party and Awards	17:15 - Panel Discussion: Building secure smart home product suite to capitalise on the connected smart home 17:45 - Broadband Party and Awards	17:15 - Fireside Chat: How to ensure a simple, slick and efficient customer onboarding with FWA 17:45 - Broadband Party and Awards	17:45 - Broadband Party and Awards	17:20 - Maximising your fibre network capacity with 5G xHaul, POL and FTTR business cases 17:45 - Broadband Party and Awards	17:45 - Broadband Party and Awards

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Chair's Opening Remarks

10:00 - 10:10

PREMIUM: Live Streamed Keynotes

Enabling a connected digital society with next-generation networks

10:10 - 10:30

PREMIUM: Live Streamed Keynotes

- The digital society: how service providers can leverage fixed and mobile assets to connect civilians, enterprises and experiences
- Developing the service provider business model to own the connected digital society

Participants

Jeroen Hoencamp - Chief Executive Officer, Vodafone Ziggo

Delivering fixed-line connectivity and services through open access

10:30 - 10:50

PREMIUM: Live Streamed Keynotes

- Increasing flexibility, interoperability and functionality with open fixed architecture
- Adopting open access architecture to control connected services through the cloud
- Driving network evolution with multi-access edge computing

Participants

Eric Kuisch - Chief Operating Officer, Eurofiber

Session Reserved for Qualcomm

10:50 - 11:10

PREMIUM: Live Streamed Keynotes

Public WiFi Convergence with Wireless Broadband Alliance

11:00 - 11:40

FREE: Partner Programme

With the continued evolution of Wi-Fi and 5G technologies, convergence between these two technologies will enable new use cases and business opportunities for the industry to undertake.

Some key use cases which can benefit from and leverage Wi-Fi and 5G convergence include smart home, connected cities verticals/enterprises and industrial IoT.

This panel discusses the technology solutions to support the integration of wireless networks with the 5G system and identifies some key challenges and gaps in current solutions.

Analyst Address: Wholesale business models and approaches

11:00 - 11:20

FREE: Gigabit Innovation

Participants

Rupert Wood - Research Director, Analysys Mason

Fireside Chat: Future-proofing your operator business with fixed mobile convergence

11:10 - 11:30

PREMIUM: Live Streamed Keynotes

- Joint ventures, acquisitions and partnerships to shape Liberty Global for the connected world
- Leveraging FMC to drive new service-focused revenue streams, minimise churn and enhance end-user experience
- Technology investments and stakes to add value to the core business, drive new revenues and be at the front-end of innovation

Participants

Moderator: Jaimie Lenderman - Principal Analyst, Network Infrastructure and Software, Omdia

Enrique Rodriguez - Chief Technology Officer, Liberty Global

Session Reserved for Vendor

11:20 - 11:40

FREE: Gigabit Innovation

Exhibition Break

11:30 - 12:00

PREMIUM: Live Streamed Keynotes

Fibre Financing and Investment with I.N.C.A

11:40 - 11:45

FREE: Partner Programme

Service Provider Presentation: Local community and stakeholder engagement to drive up subscribers at your AltNet

11:40 - 12:00

FREE: Gigabit Innovation

Session Reserved by County Broadband

UK Panorama and Growth of the Altnets

11:45 - 11:55

FREE: Partner Programme

Participants

Malcolm Corbett - CEO, Independent Networks Co-operative Association

Drivers for competitive investment in new digital infrastructure

11:55 - 12:10

FREE: Partner Programme

Participants

Oliver Bradley - Managing Director, Macquarie

Sean McLachlan - Senior Director and Fund Manager, Aviva Investors

Deploying next-gen PON to meet the networks demands of tomorrow

12:00 - 12:20

PREMIUM: Live Streamed Keynotes

- Roadmap, approach and challenges to develop and deploy a next-gen PON network
- Leveraging your next-gen PON network to deliver new revenue channels
- Convergence of 5G and next-gen PON to ensure seamless end-to-end connectivity

Participants

David Tomalin - Group CTO, CityFibre

Service Provider Presentation: Building an end-to-end smart home solution to own the connected home

12:00 - 12:20

FREE: Gigabit Innovation

- The smart home product suite to meet to future-proof your proposition
- Eliminating the competition of broadband access providers through partnerships
- Overcoming security threats with an integrated, interoperable and secure solution

Participants

Kai Steuernagel - Head of QIVICON & Smart Home Technology Strategy, Deutsche Telekom

Altnets seizing the opportunities - two different approaches

12:10 - 12:25

FREE: Partner Programme

Participants

Steve Leighton - CEO, Voneus

David Cullen - Group Director - Regulatory, ITS Technology Group

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Session Reserved for ONF

12:20 - 12:40

PREMIUM: Live Streamed Keynotes

Participants

Rudiger Kunze - Head of Cost Engineering, Standards and Process Services, Deutsche Telekom

Session Reserved for Vendor

12:20 - 12:40

FREE: Gigabit Innovation

Challenges ahead - regulation and public policy, BT's response to the competitive challenge, busting through the barriers to deployment

12:25 - 12:40

FREE: Partner Programme

Participants

Moderator: Malcolm Corbett - CEO, Independent Networks Co-operative Association

Oliver Bradley - Managing Director, Macquarie

Sean McLachlan - Senior Director and Fund Manager, Aviva Investors

Steve Leighton - CEO, Voneus

David Cullen - Group Director - Regulatory, ITS Technology Group

Innovate, modernise and decommission - moving Norway from legacy technology to high-speed broadband with 5G, FWA and fiber

12:40 - 13:00

PREMIUM: Live Streamed Keynotes

Participants

Camilla Amundsen - CMO, Fixed and TV, Telenor

The Telecoms.com Podcast

12:40 - 14:00

FREE: Partner Programme

Panel Discussion: How to capitalise on breakout revenue streams in the smart home: Cloud gaming, smart health, home education and more

12:40 - 13:10

FREE: Gigabit Innovation

- Healthcare and education - adapting your smart home business to meet the demands of the post-pandemic smart home
 - Building a value proposition and healthy revenue stream in long-term breakout segments: In-home security, gaming, video and more
 - Positioning your business to capitalise on and compete for the next smart home trends
-

Exhibition Break

13:00 - 14:00

PREMIUM: Live Streamed Keynotes

Service Provider Presentation: Capitalising on the network quality gap with 5G FWA

13:10 - 13:30

FREE: Gigabit Innovation

- Migrating users to WTTx and wholesale DSL to yield greater profit margins
 - Restructuring and incentivising your mobile operator to meet the requirements for a successful FWA business
 - Targeting metropolitan segments on top of traditional rural homes and SMEs to strengthen the commercial viability of FWA
-

Fireside Chat: How to ensure a simple, slick and efficient customer onboarding with FWA

13:30 - 13:50

FREE: Gigabit Innovation

- Strengthening your FWA business case with simple self-installation
 - Minimising operational costs with streamlined onboarding
 - How to minimise the risk of self-installed internal and external CPE
-

How to ensure safer, smarter, and greener future building management

14:00 - 14:20

PREMIUM: Connected Life Summit

- Leveraging LoRaWAN® connectivity to enable future building management
- To what extent will building management change in the post-pandemic era
- Sustainability approaches, green concepts, and key challenges for smart building implementation and management

Participants

Derek Wallace - VP of Marketing, LoRa Alliance

Analyst Address: Fixed mobile convergence, gigabit speeds and network technologies – how cable operators are keeping pace with pure fibre competitors to retain and grow market share

14:00 - 14:10

PREMIUM: Cable Next-Gen

- An update on the implementation of 3.1 and 4.0 across cable operators
- How cable operators are remaining competitive with continuous network upgrades
- Leveraging fixed and mobile assets to minimise customer churn

Participants

Jaimie Lenderman - Principal Analyst, Network Infrastructure and Software, Omdia

Analyst Address: Trends, challenges and rollout of fibre networks across the world

14:00 - 14:10

PREMIUM: FTTx

- Market updates: fibre rollout by the numbers
- Key contributors and challenges to regional fibre rollout trends
- An update on next-gen PON rollout and what this means for business and consumers

Participants

Roland Montagne - Principal Analyst, Director Market Development, IDATE DigiWorld

Service Provider Presentation: Meeting xHaul requirements with your next-gen PON network

14:00 - 14:20

FREE: Gigabit Innovation

- How to gain your xHaul capacity for 5G with next-gen PON
 - Cost-effectively introducing 5G-ready transport on your network
 - How converged 5G and fibre operators can yield mobile transport operational and cost-efficiencies
-

Session Details To Be Confirmed

14:00 - 16:00

FREE: Partner Programme

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DAA In-Depth: Leveraging R-PHY and RMAC/PHY for more bandwidth and edge computing capability

14:10 - 14:30

PREMIUM: Cable Next-Gen

- Using DAA to meet the network requirements for DOCSIS 3.1 and beyond
- R-PHY and R-MAC/PHY as steppingstones to FTTH
- Centralising service orchestration and control to optimise distributed architecture deployment time

Participants

Kjeld Balmer - Head of Network Technology, Stofa

Advance Your FTTx Network with Cloud-Native Containerized Solutions for PON

14:10 - 14:30

PREMIUM: FTTx

- Flexibility gained via disaggregated architectures
- The importance of software virtualization and microservices
- How to implement cloud-native containerized PON
- The path toward convergence of fiber and mobile networks

Participants

Rajesh Chundury - VP Customer Solutions – Broadband, Radisys

Panel Discussion: How to optimise the gaming experience in the connected home

14:20 - 14:50

PREMIUM: Connected Life Summit

- Delivering on the network promise: CPE, software and technology to offer a specialised gaming service
- Creating a compelling package to balance profitability against consumer demand
- How to build a gaming proposition to meet the demands of the future

Fireside Chat: Optimising campus network management with an SD WAN architecture

14:20 - 14:40

FREE: Gigabit Innovation

- Centrally driven network management for wholesale policy application
- SD-WAN Edge to improved capacity and reliability of your campus network
- Streamline management of distributed network operations through cloud and automation

Building a software-based architecture to deliver gigabit services

14:30 - 14:50

PREMIUM: Cable Next-Gen

- Overcoming the challenge of space, power, and cost with software-based architecture
- Accelerating network deployment and improvements with a scalable and cloud-based approach
- Optimising network management with a central cloud-based management service

Participants

Israel Madiedo - Innovation & Technology Director, Izzi Telecom

Session Reserved for Open Networking Foundation

14:30 - 14:50

PREMIUM: FTTx

Participants

Andrea Campanella - European Cluster Lead, Open Networking Foundation

Service Provider Presentation: Evolving the multi-service and converged offering to grow revenue incrementally and minimise churn

14:40 - 15:00

FREE: Gigabit Innovation

- Triple, quad-play and more – how to capitalise on your multiservice offerings in the connected world
- Pricing and strategy to maximise profit and deliver a competitive service
- Overcoming the threat of 5G and mobile operators with a multi-service approach

Leveraging converged connectivity models to connect the home, car, office and city

14:50 - 15:10

PREMIUM: Connected Life Summit

- To what extent can fixed mobile convergence and open roaming create a fully integrated connected life
- Overcoming the technical challenges to create a seamless consumer connectivity experience
- Commercial models and approaches to connect the home, car, office and city

Virtualising your cable infrastructure to deliver next-generation cloud service

14:50 - 15:10

PREMIUM: Cable Next-Gen

- Enabling mass deployment of DAA and edge architecture with a cloud-based network
- Scalability and agility to build, run, manage, and connect any network device
- AI, automation, and machine learning to deliver intelligent operational insights

Participants

Anders Bloom - Senior Systems Architect, Broadband HFC Development, Tele2 AB

Enhancing your next-gen PON proposition with software defined networking capabilities

14:50 - 15:10

PREMIUM: FTTx

- Leveraging automation and slicing to deliver converged end-to-end services
- Optimising networking management with simple and efficient tools
- Driving new revenue streams with network slicing

Participants

Gilles Bourdon - VP Wireline Networks & Infrastructure, Orange

Fireside Chat: How to shape your cable operator services in response to emerging market dynamics

15:00 - 15:20

FREE: Gigabit Innovation

- Overcoming the threat of telcos and fibre operators in the connected world
- Strengthening your customer proposition with service and network convergence
- Ensuring QoE across mobile, tv and broadband to minimise churn

Exhibition Break

15:10 - 15:40

PREMIUM: Connected Life Summit

Panel Discussion: How to best prepare for DOCSIS 4.0

15:10 - 15:40

PREMIUM: Cable Next-Gen

- What's the demand for DOCSIS 4.0?
- What factors will prompt the move to upgrade cable networks DOCSIS 4.0?
- How long will the transition to DOCSIS 4.0 take?
- Managing opportunity and risk – timing your DOCSIS 4.0 investment

Participants

Moderator: Jaimie Lenderman - Principal Analyst, Network Infrastructure and Software, Omdia

Anders Bloom - Senior Systems Architect, Broadband HFC Development, Tele2 AB

Kjeld Balmer - Head of Network Technology, Stofa

Israel Madiedo - Innovation & Technology Director, Izzi Telecom

Panel Discussion: Evolving your network to deliver next-gen PON

15:10 - 15:30

PREMIUM: FTTx

- Open source, cloudification and virtualisation and emerging approaches to evolve your PON network
- Leveraging alternative transport concepts for higher NGPON-penetration
- 25G PON, 50G PON – how can operators leverage next-gen PON networks to deliver new revenue streams

Participants

Moderator: Julie Kunstler - Chief Analyst, Omdia

Trevor Linney - Research leader - Access Networks, Openreach

Hongseok Shin - Senior Manager, SK Telecom

Oliver Lamparter - Wireline Access Expert, Swisscom

Service Provider Presentation: Leveraging emerging AI, mapping and project management tools to ensure a cost-effective fibre network rollout and operation

15:20 - 15:40

FREE: Gigabit Innovation

- Design software and technology to optimise OPEX and CAPEX during rollout
- Route optimisation with AI-enabled tools and augmented reality
- Combining emerging technologies to build a network that yields long-term operational cost-efficiency

Enabling last-mile connectivity with Fibre to the Room

15:30 - 15:50

PREMIUM: FTTx

- Overcoming in-home connectivity performance challenges with end-to-end fibre
- Initiatives, approaches and incentives to drive full-fibre deployment
- Delivering a fast, uninterrupted and reliable fibre service for the digital society

Participants

Suzanne Tracy - CTO, SIRO

Networking and Exhibition Break

15:40 - 16:10

PREMIUM: Cable Next-Gen

Panel Discussion: SDN and NFV transformation

15:40 - 16:10

FREE: Gigabit Innovation

- How can ISPs successfully redefine their role via the move towards a software-driven approach?
 - How can orchestration and automation reduce operational costs and improve service agility?
 - What areas need to be analysed closely during implementation of SDN and NFV
-

Networking and Exhibition Break

15:50 - 16:20

PREMIUM: FTTx

Start-Up Showcase Panel Discussion: Working with Start-Ups to support your strategic objectives and goals

16:20 - 16:40

PREMIUM: Live Streamed Keynotes

Start-Up Showcase Final

16:40 - 17:10

PREMIUM: Live Streamed Keynotes

End of Broadband World Forum Physical

17:10 - 17:15

PREMIUM: Live Streamed Keynotes

SCHEDULE

14TH OCTOBER: IN AMSTERDAM -

Broadband World Forum

Physical Event: 12-14 October 2021, RAI, Amsterdam

Virtual Event: 11 - 15 October, 2021

TIME	FREE: GIGABIT INNOVATION	FREE: PARTNER PROGRAMME	PREMIUM: CABLE NEXT-GEN	PREMIUM: CONNECTED LIFE SUMMIT	PREMIUM: FTTX	PREMIUM: LIVE STREAMED KEYNOTES
10:00						<p>10:00 - Chair's Opening Remarks</p> <p>10:10 - Enabling a connected digital society with next-generation networks</p> <p>10:30 - Delivering fixed-line connectivity and services through open access</p> <p>10:50 - Session Reserved for Qualcomm</p>
11:00	<p>11:00 - Analyst Address: Wholesale business models and approaches</p> <p>11:20 - Session Reserved for Vendor</p> <p>11:40 - Service Provider Presentation: Local community and stakeholder engagement to drive up subscribers at your AltNet</p>	<p>11:00 - Public WiFi Convergence with Wireless Broadband Alliance</p> <p>11:40 - Fibre Financing and Investment with I.N.C.A</p> <p>11:45 - UK Panorama and Growth of the Altnets</p> <p>11:55 - Drivers for competitive investment in new digital infrastructure</p>				<p>11:10 - Fireside Chat: Future-proofing your operator business with fixed mobile convergence</p> <p>11:30 - Exhibition Break</p>

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12:00	<p>12:00 - Service Provider Presentation: Building an end-to-end smart home solution to own the connected home</p> <p>12:20 - Session Reserved for Vendor</p> <p>12:40 - Panel Discussion: How to capitalise on breakout revenue streams in the smart home: Cloud gaming, smart health, home education and more</p>	<p>12:10 - Altnets seizing the opportunities - two different approaches</p> <p>12:25 - Challenges ahead - regulation and public policy, BT's response to the competitive challenge, busting through the barriers to deployment</p> <p>12:40 - The Telecoms.com Podcast</p>				<p>12:00 - Deploying next-gen PON to meet the networks demands of tomorrow</p> <p>12:20 - Session Reserved for ONF</p> <p>12:40 - Innovate, modernise and decommission - moving Norway from legacy technology to high-speed broadband with 5G, FWA and fiber</p>
13:00	<p>13:10 - Service Provider Presentation: Capitalising on the network quality gap with 5G FWA</p> <p>13:30 - Fireside Chat: How to ensure a simple, slick and efficient customer onboarding with FWA</p>					<p>13:00 - Exhibition Break</p>

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14:00	<p>14:00 - Service Provider Presentation: Meeting xHaul requirements with your next-gen PON network</p> <p>14:20 - Fireside Chat: Optimising campus network management with an SD WAN architecture</p> <p>14:40 - Service Provider Presentation: Evolving the multi-service and converged offering to grow revenue incrementally and minimise churn</p>	<p>14:00 - Session Details To Be Confirmed</p>	<p>14:00 - Analyst Address: Fixed mobile convergence, gigabit speeds and network technologies – how cable operators are keeping pace with pure fibre competitors to retain and grow market share</p> <p>14:10 - DAA In-Depth: Leveraging R-PHY and RMAC/PHY for more bandwidth and edge computing capability</p> <p>14:30 - Building a software-based architecture to deliver gigabit services</p> <p>14:50 - Virtualising your cable infrastructure to deliver next-generation cloud service</p>	<p>14:00 - How to ensure safer, smarter, and greener future building management</p> <p>14:20 - Panel Discussion: How to optimise the gaming experience in the connected home</p> <p>14:50 - Leveraging converged connectivity models to connect the home, car, office and city</p>	<p>14:00 - Analyst Address: Trends, challenges and rollout of fibre networks across the world</p> <p>14:10 - Advance Your FTTx Network with Cloud-Native Containerized Solutions for PON</p> <p>14:30 - Session Reserved for Open Networking Foundation</p> <p>14:50 - Enhancing your next-gen PON proposition with software defined networking capabilities</p>	
15:00	<p>15:00 - Fireside Chat: How to shape your cable operator services in response to emerging market dynamics</p> <p>15:20 - Service Provider Presentation: Leveraging emerging AI, mapping and project management tools to ensure a cost-effective fibre network rollout and operation</p> <p>15:40 - Panel Discussion: SDN and NFV transformation</p>		<p>15:10 - Panel Discussion: How to best prepare for DOCSIS 4.0</p> <p>15:40 - Networking and Exhibition Break</p>	<p>15:10 - Exhibition Break</p>	<p>15:10 - Panel Discussion: Evolving your network to deliver next-gen PON</p> <p>15:30 - Enabling last-mile connectivity with Fibre to the Room</p> <p>15:50 - Networking and Exhibition Break</p>	

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17:00						17:10 - End of Broadband World Forum Physical