BT

Welcome to Technology's Business Briefing

25 June 2019

Forward-looking statements caution

Certain statements in this presentation are forward-looking and are made in reliance on the safe harbour provisions of the US Private Securities Litigation Reform Act of 1995. These statements include, without limitation, those concerning: our IT transformation programme and converged network investment, our cost reduction and transformation programmes, our planned R&D investment and our rollout of 5G.

Although BT believes that the expectations reflected in these forward-looking statements are reasonable, it can give no assurance that these expectations will prove to have been correct. Because these statements involve risks and uncertainties, actual results may differ materially from those expressed or implied by these forward-looking statements.

Factors that could cause differences between actual results and those implied by the forward-looking statements include, but are not limited to: market disruptions caused by technological change and/or intensifying competition from established players or new market entrants; unfavourable changes to our business where Ofcom raises competition concerns around market power; unfavourable regulatory changes; disruption to our business caused by an uncertain or adversarial political environment; geopolitical risks; adverse developments in respect of our defined benefit pension schemes; adverse changes in economic conditions in the markets served by BT, including interest rate risk, foreign exchange risk, credit risk, liquidity risk and tax risk; financial controls that may not prevent or detect fraud, financial misstatement or other financial loss; security breaches relating to our customers' and employees' data or breaches of data privacy laws; failures in the protection of the health, safety and wellbeing of our people or members of the public or breaches of health and safety law and regulations; controls and procedures that could fail to detect unethical or inappropriate behaviour by our people or associates; customer experiences that are not brand enhancing nor drive sustainable profitable revenue growth; failure to deliver, and other operational failures, with regard to our complex and high-value national and multinational customer contracts; changes to our customers' needs or businesses that adversely affect our ability meet contractual commitments or realise expected revenues, profitability or cash flow; termination of customer contracts; natural perils, network and system faults or malicious acts that could cause disruptions or otherwise damage our network; supply chain failure, software changes, equipment faults, fire, flood, infrastructure outages or sabotage that could interrupt our services; attacks on our infrastructure and assets by people inside BT or by external sources like hacktivists, criminals, terrorists or nation states; disruptions to the integrity and continuity of our supply chain (including any impact of global political developments with respect to Huawei); insufficient engagement from our people; and risks relating to our BT transformation plan.

BT undertakes no obligation to update any forward-looking statements whether as a result of new information, future events or otherwise.

Introduction to Technology

Howard Watson, Chief Technology and Information Officer
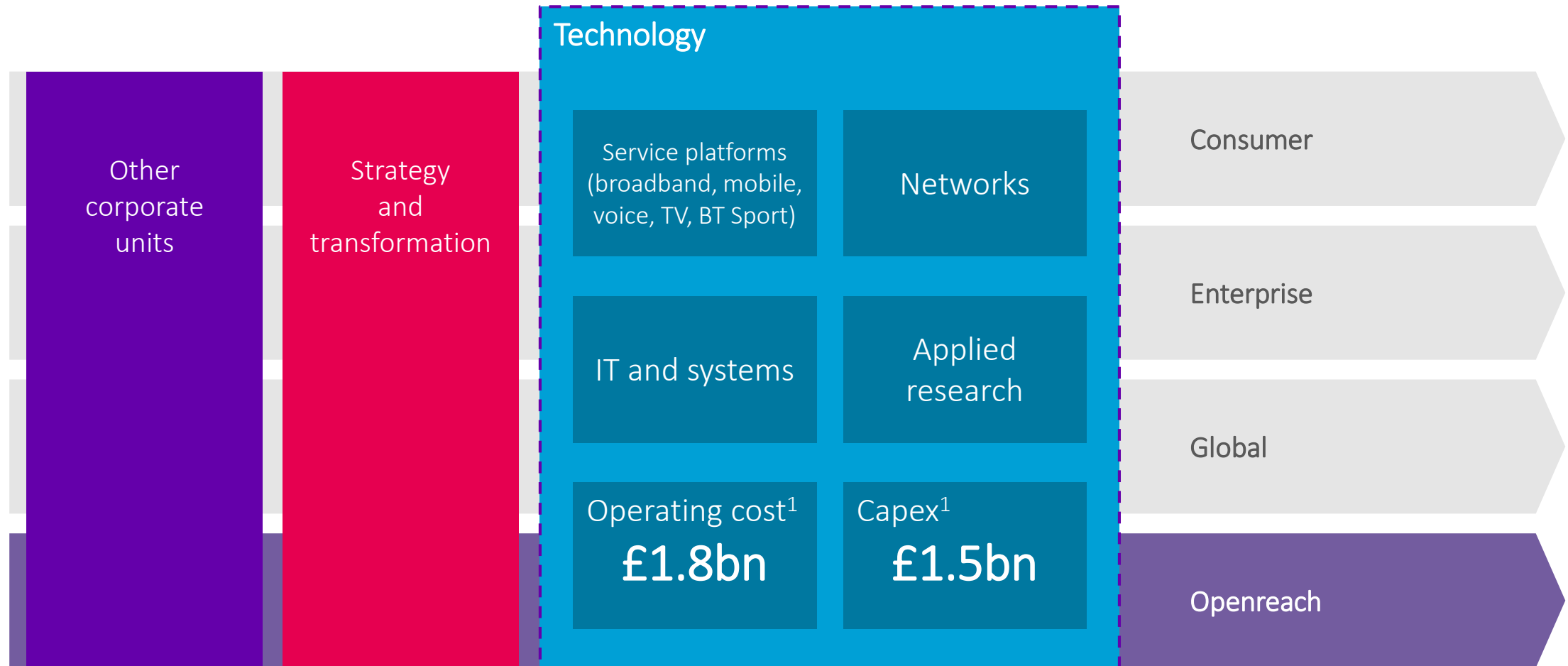
Market context

Best converged technology

Differentiated customer experience

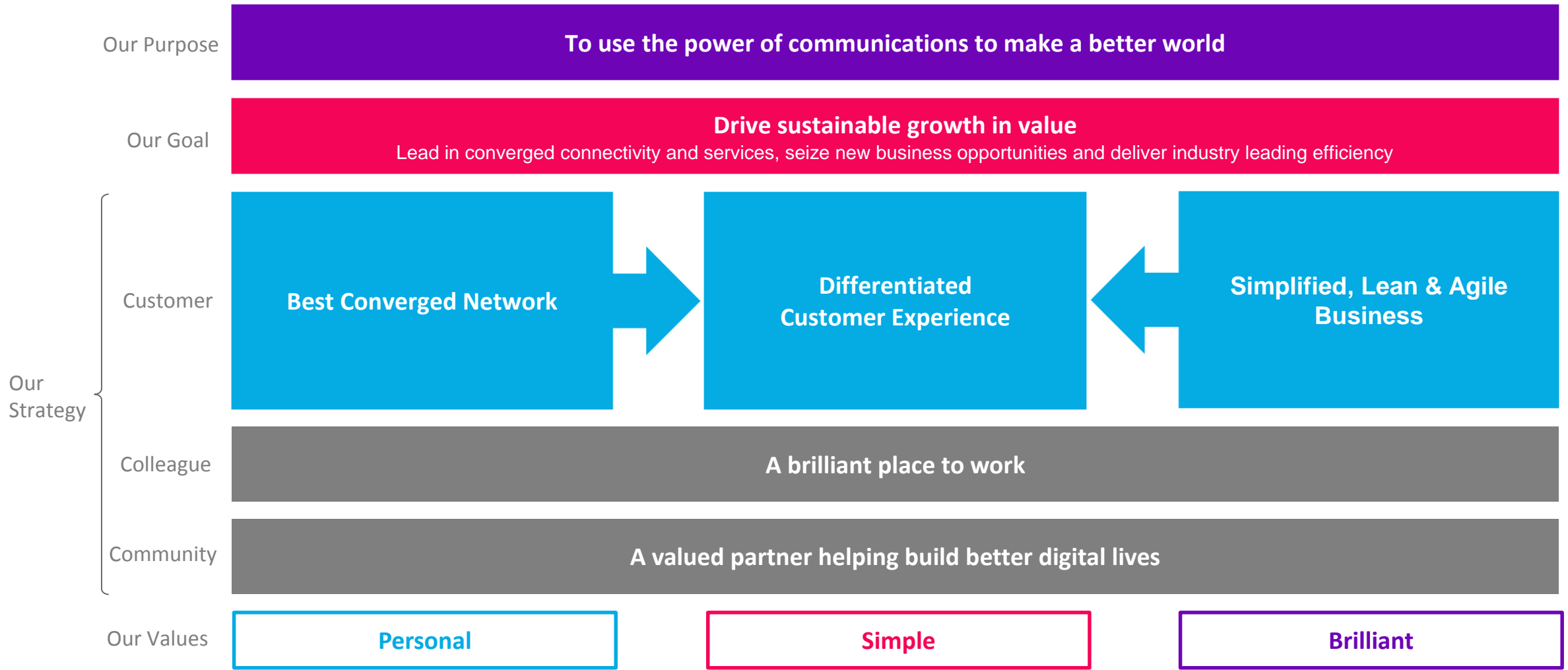Our IT transformation journey

Finance and transformation

Our unique opportunity to build the future

BT

Technology is at the heart of BT

Other corporate units

Strategy and transformation

Technology

Service platforms (broadband, mobile, voice, TV, BT Sport)

Networks

IT and systems

Applied research

Operating cost[1]
£1.8bn

Capex[1]
£1.5bn

Consumer

Enterprise

Global

Openreach

[1] 2018/19

BT

We are a key enabler of BT's strategy

Our Purpose	**To use the power of communications to make a better world**
Our Goal	**Drive sustainable growth in value** Lead in converged connectivity and services, seize new business opportunities and deliver industry leading efficiency

Our Strategy

Customer

Best Converged Network → **Differentiated Customer Experience** ← **Simplified, Lean & Agile Business**

Colleague

A brilliant place to work

Community

A valued partner helping build better digital lives

Our Values

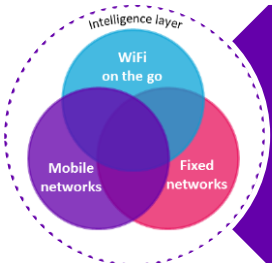| **Personal**	**Simple**	**Brilliant**

BT

We are building a better BT for the future

Our markets are rapidly changing as our customers connect more devices and use exponentially more data

We have a unique set of core and access networks, and a proven track record of delivery

Our plans for one smart network and IT transformation will enable continued differentiation

Technology's ten year vision: value beyond connectivity

Connectivity as a Service

Trust as a Service

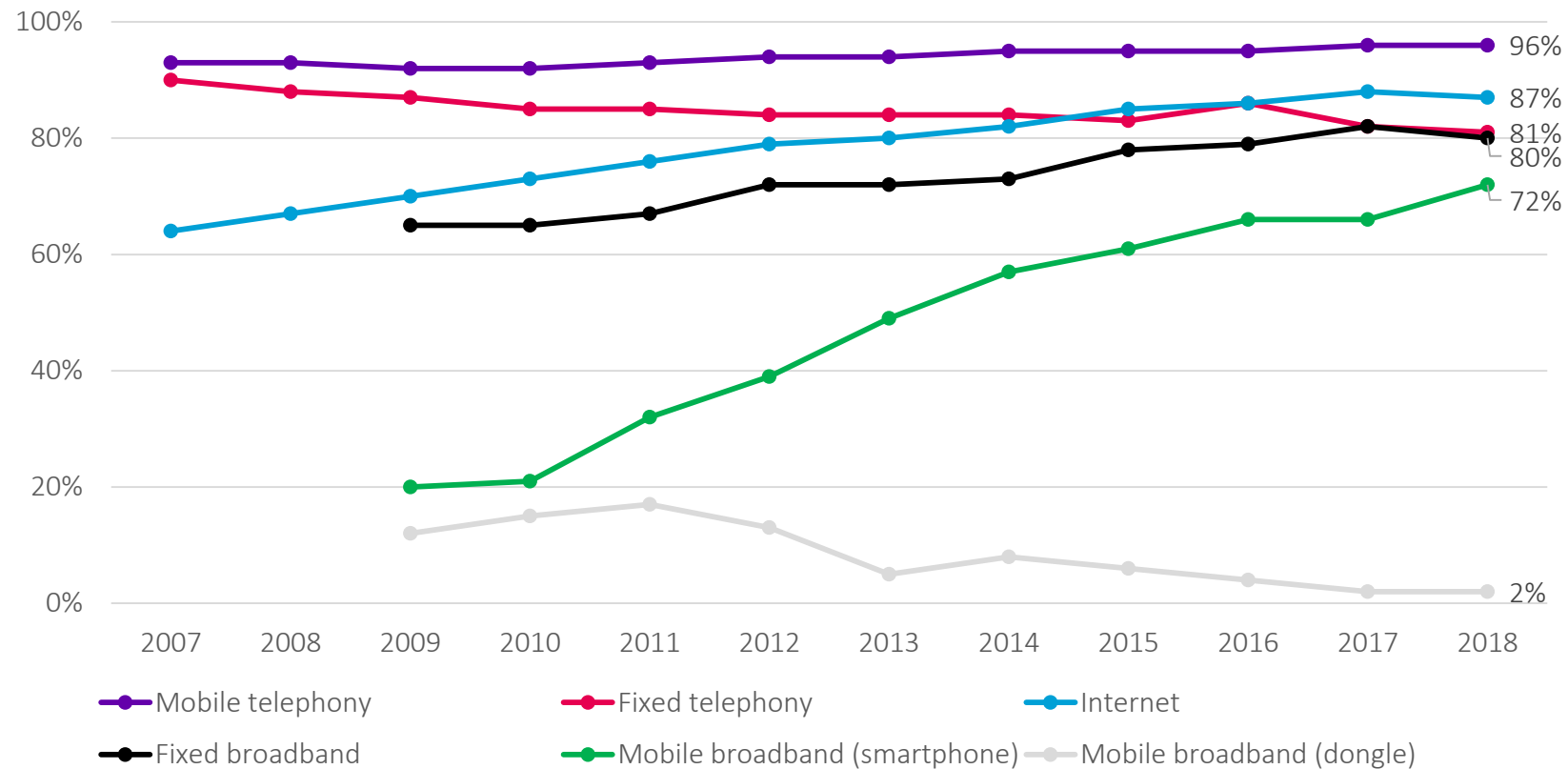Actionable insight as a Service

Productivity as a Service

Market context

Howard Watson

We're reaching saturation in both fixed and mobile markets

UK take-up of communications services[1]

Legend:
- Mobile telephony (purple) — 96%
- Fixed telephony (pink/red)
- Internet (blue) — 87%
- Fixed broadband (black) — 80%
- Mobile broadband (smartphone) (green) — 72%
- Mobile broadband (dongle) (grey) — 2%

Right-axis labels: 96%, 87%, 81%, 80%, 72%, 2%

X-axis years: 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018

[1]Use of internet on mobile is personal take-up measure, whereas the other data relates to household take-up
Source: Ofcom Communications Market Report 2 August 2018

# UK Telecoms revenue has declined and returns disappointing
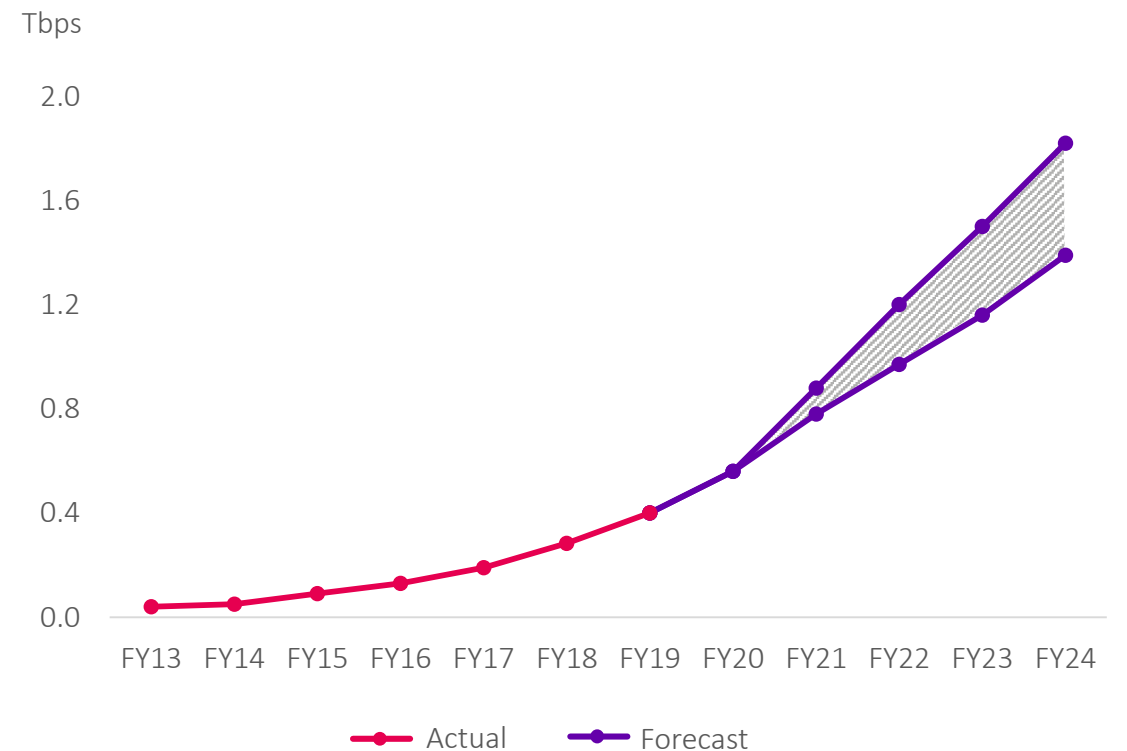
UK telecoms industry revenue

£bn

(1.7)% 5 year CAGR

Year	Revenue
2012	£38.8
2013	£36.9
2014	£35.4
2015	£35.8
2016	£36.1
2017	£35.6
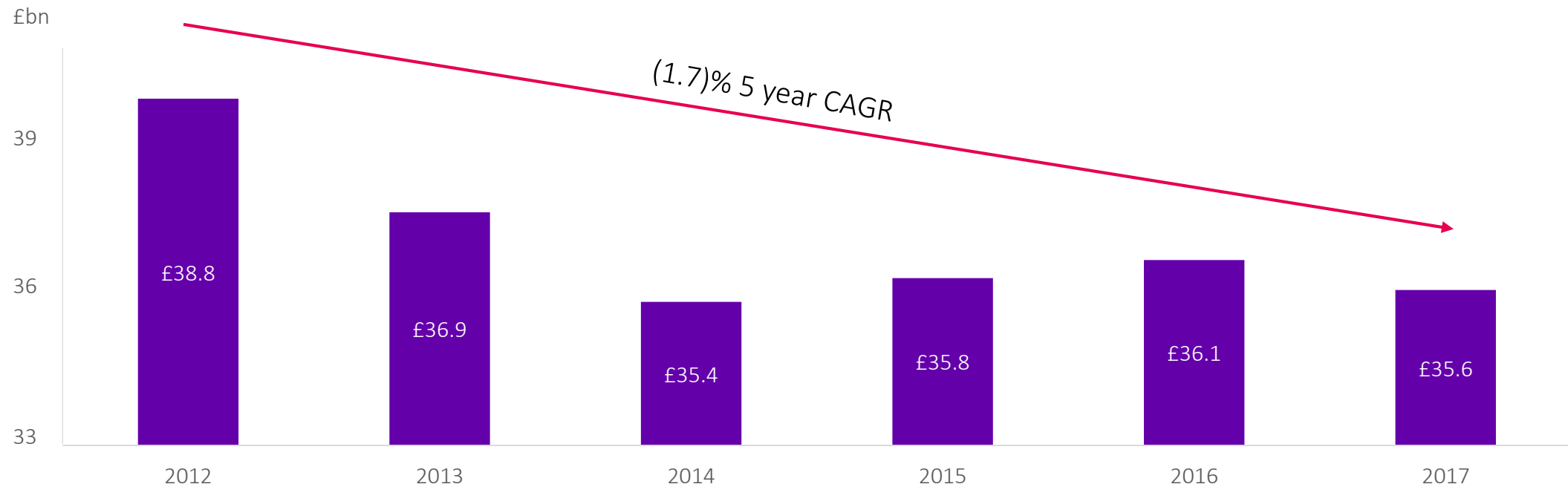
Source: Ofcom / operators

BT

Data consumption in both fixed and mobile markets is growing exponentially

Peak fixed broadband demand (Tbps)

Tbps

Legend: Actual • Forecast

Peak mobile demand (Tbps)

Tbps

Legend: Actual • Forecast
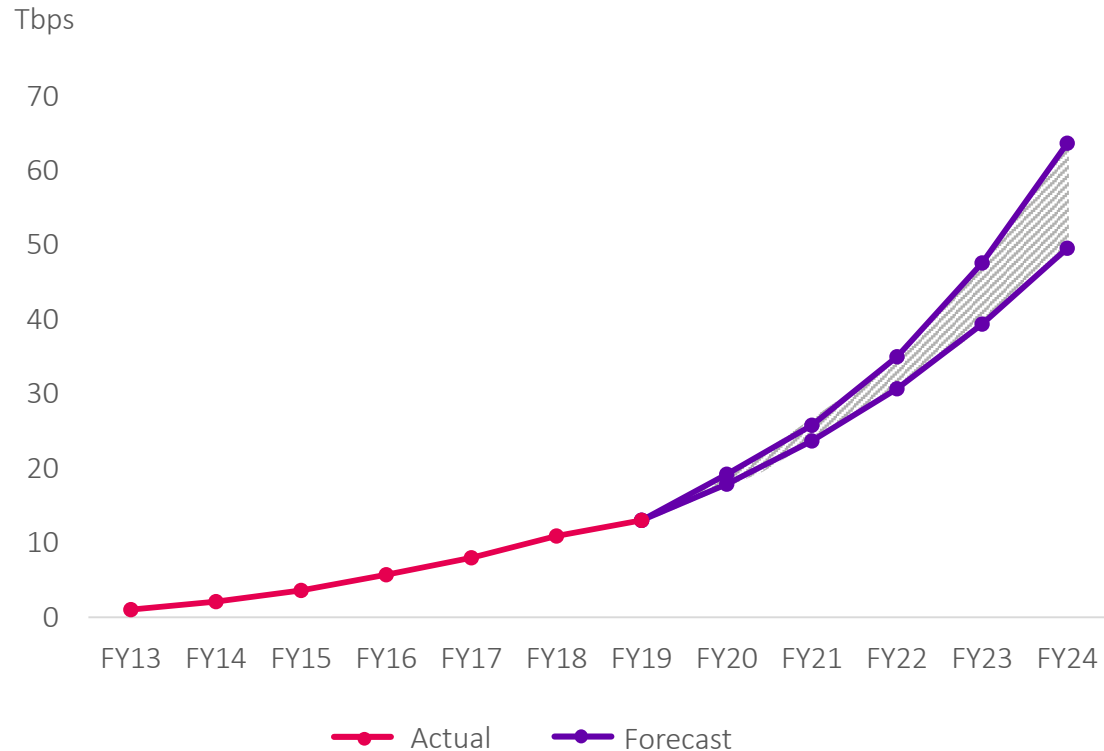
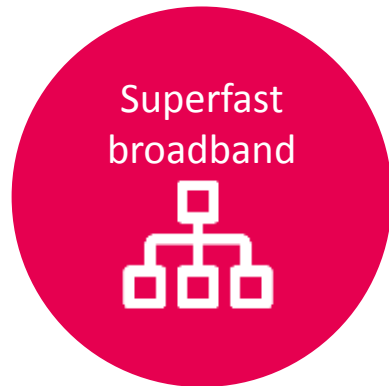Source: BT's actual and forecasted growth on BT's network

Best converged technology

Howard Watson

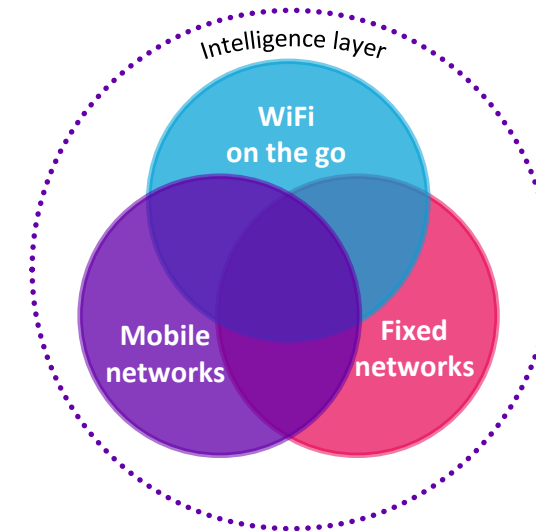# We're bringing our unique assets together as the UK's leading smart network

Today:
Three different networks

Superfast broadband

Mobile network

Wi-Fi on the go

✖ Complex to switch between networks
✖ Costly capacity upgrades
✖ Limited flexibility

Tomorrow:
One smart network

Intelligence layer

WiFi on the go

Mobile networks

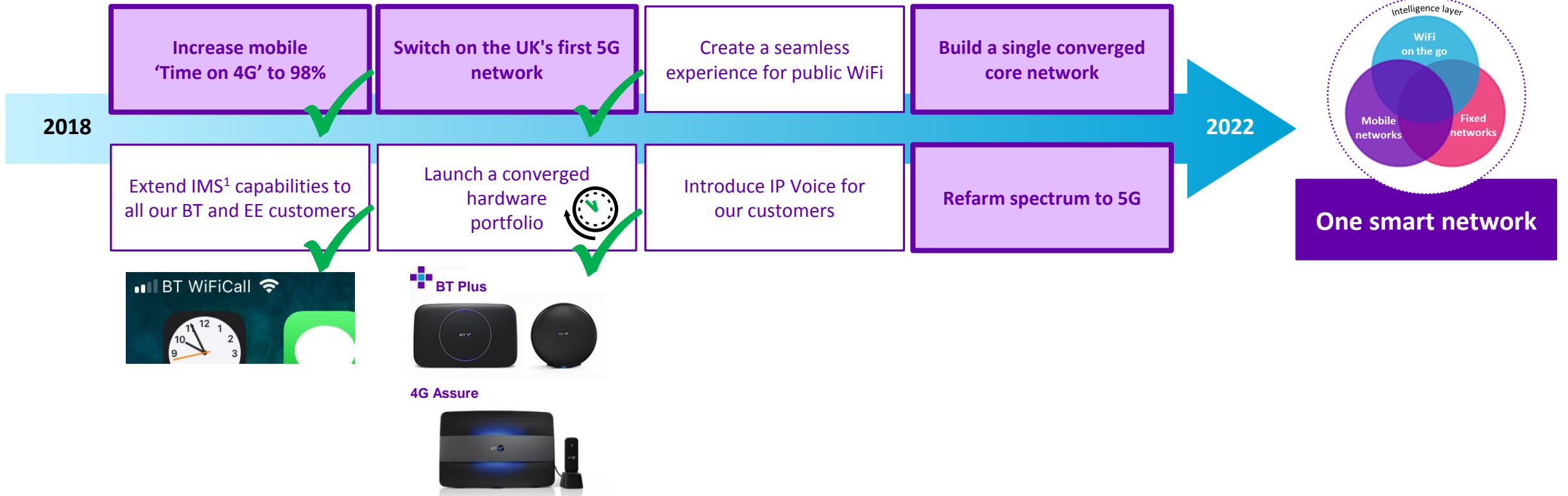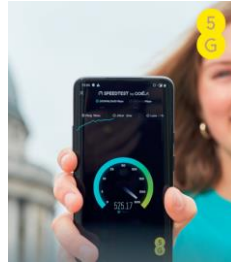**Fixed networks**

✓ Seamless, consistent connectivity
✓ Significantly lower upgrade costs
✓ Flexibility through virtualisation

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The journey towards one smart network
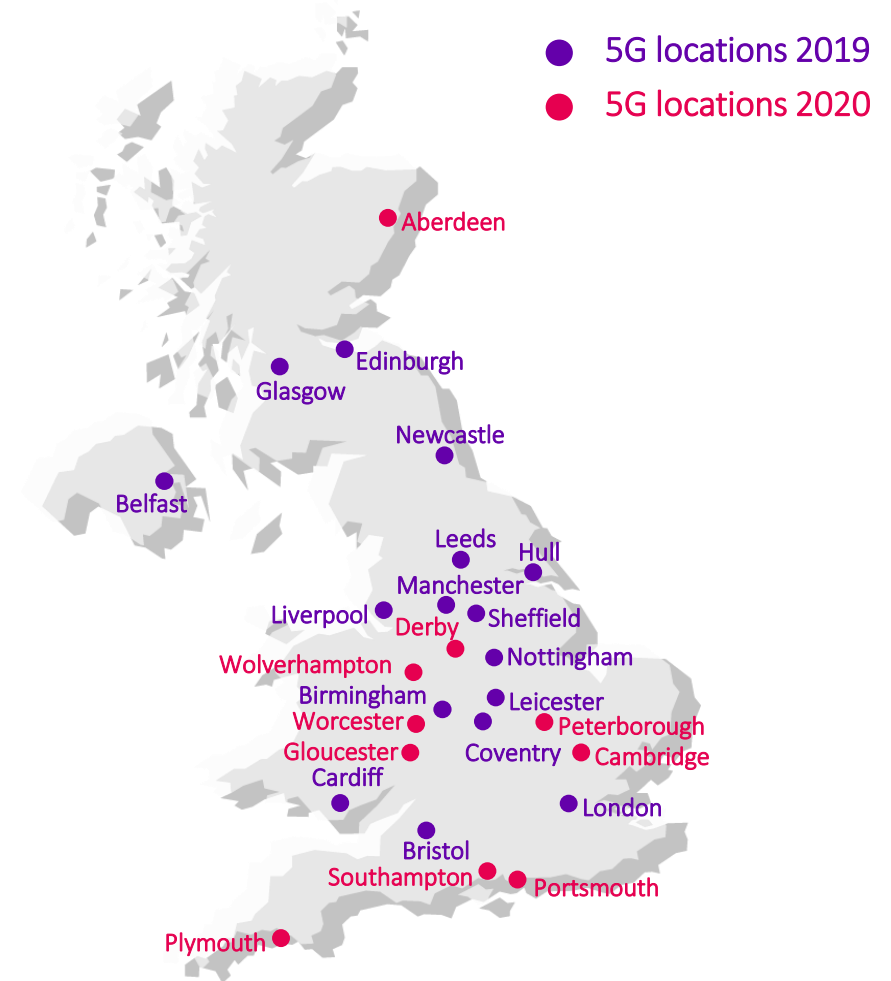

2018

| Increase mobile 'Time on 4G' to 98% | Switch on the UK's first 5G network | Create a seamless experience for public WiFi | Build a single converged core network |

| Extend IMS[1] capabilities to all our BT and EE customers | Launch a converged hardware portfolio | Introduce IP Voice for our customers | Refarm spectrum to 5G |

2022

One smart network

BT WiFiCall

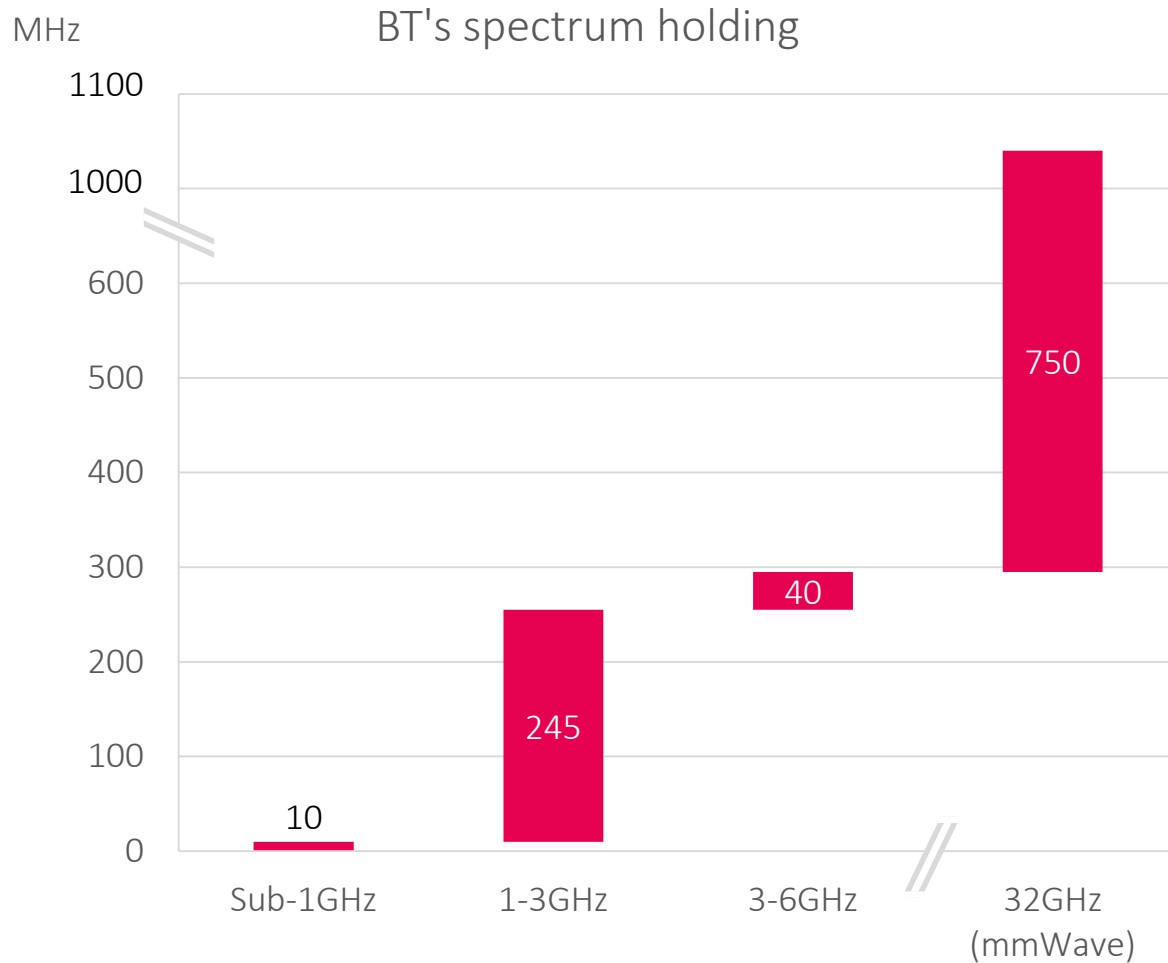**BT Plus**

4G Assure

[1] Internet protocol multimedia subsystem

We've launched the first 5G network in the UK

- Launched with four handsets, with coverage in six cities

- Offering a speed uplift of around 100-150Mbps from 30Mbps average today on 4G

- All 5G sites being connected via 10Gbps backhaul to our evolved mobile core

- Existing 4G sites being upgraded to at least three carrier aggregation as part of 5G rollout

● 5G locations 2019
● 5G locations 2020

Aberdeen
Edinburgh
Glasgow
Newcastle
Belfast
Leeds
Hull
Manchester
Liverpool
Derby
Sheffield
Wolverhampton
Nottingham
Birmingham
Leicester
Worcester
Peterborough
Gloucester
Coventry
Cambridge
Cardiff
London
Bristol
Southampton
Portsmouth
Plymouth

EE LAUNCHES UK'S FIRST 5G NETWORK

520 Mbps

BT

We have a great spectrum asset, for now and for the future

BT's spectrum holding

MHz

Chart (Sub-1GHz: 10, 1-3GHz: 245, 3-6GHz: 40, 32GHz (mmWave): 750)

Y-axis: 0, 100, 200, 300, 400, 500, 600, 1000, 1100

X-axis: Sub-1GHz, 1-3GHz, 3-6GHz, 32GHz (mmWave)

Band	Today		Future
32GHz (mmWave)	Fixed links	Re-farm →	5G
3.4GHz	5G		5G
2.6GHz unpaired	-		5G
	4G		4G/5G
2.6GHz paired	4G		4G/5G
2.1GHz	3G/4G	Re-farm →	4G/5G
1.8GHz	2G/4G		2G/4G
800MHz	4G		4G

- **Upcoming auction:** 700MHz and 3.6-3.8GHz

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Best 4G network for five years running

Time on 4G

4G network speeds and capacity

— Average download speed (Mbps) (LHS) — Weekly 4G traffic (million GB) (RHS)
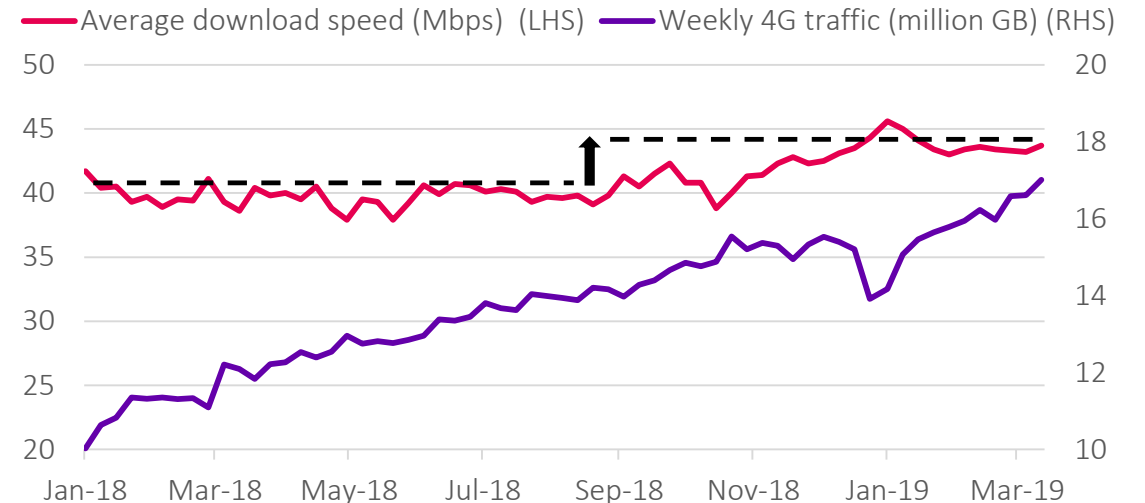


With opportunities for further improvements with 5G

- 5G is c.4x more efficient at delivering data than 4G
- M-MIMO[1], use of mmWave frequencies and selective densification will enable significant increases in capacity and speed
- Our superior major and minor road coverage offers a competitive advantage for future IoT devices

Source of 'Best 4G network' claim: EE has been named the UK's best mobile network by independent testing experts RootMetrics for five years in a row to 2018
[1] Massive multiple input multiple output

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Our current core handles fixed and mobile traffic separately

Multiple cores today
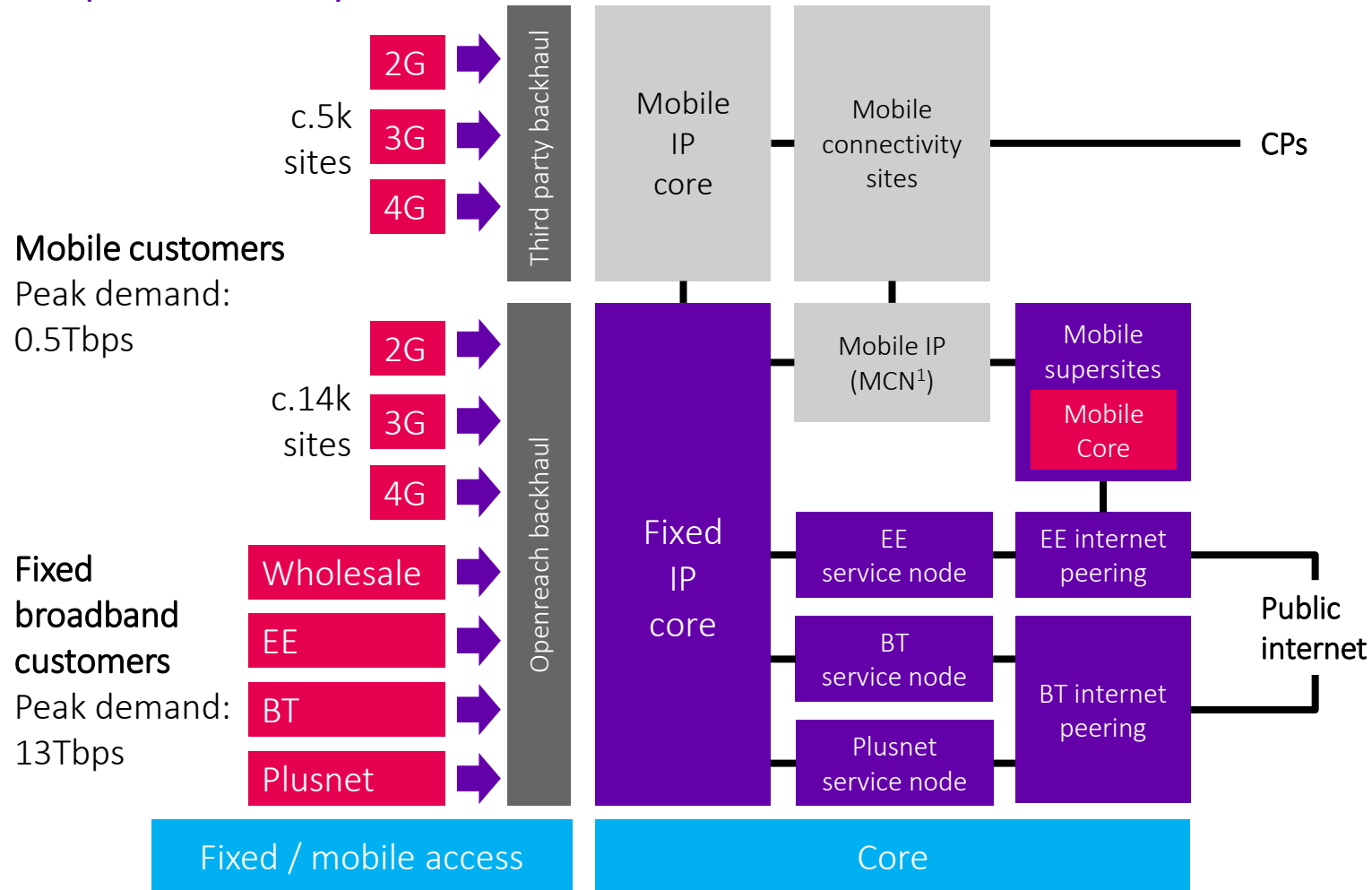
- Significant premium to add mobile network capacity versus fixed network

- Many third party dependencies for services

- Switching between networks generally requires user intervention

- Disparate equipment supplier base

[1] Mobile cloud network

Our future core improves customer experience and lowers costs for growth

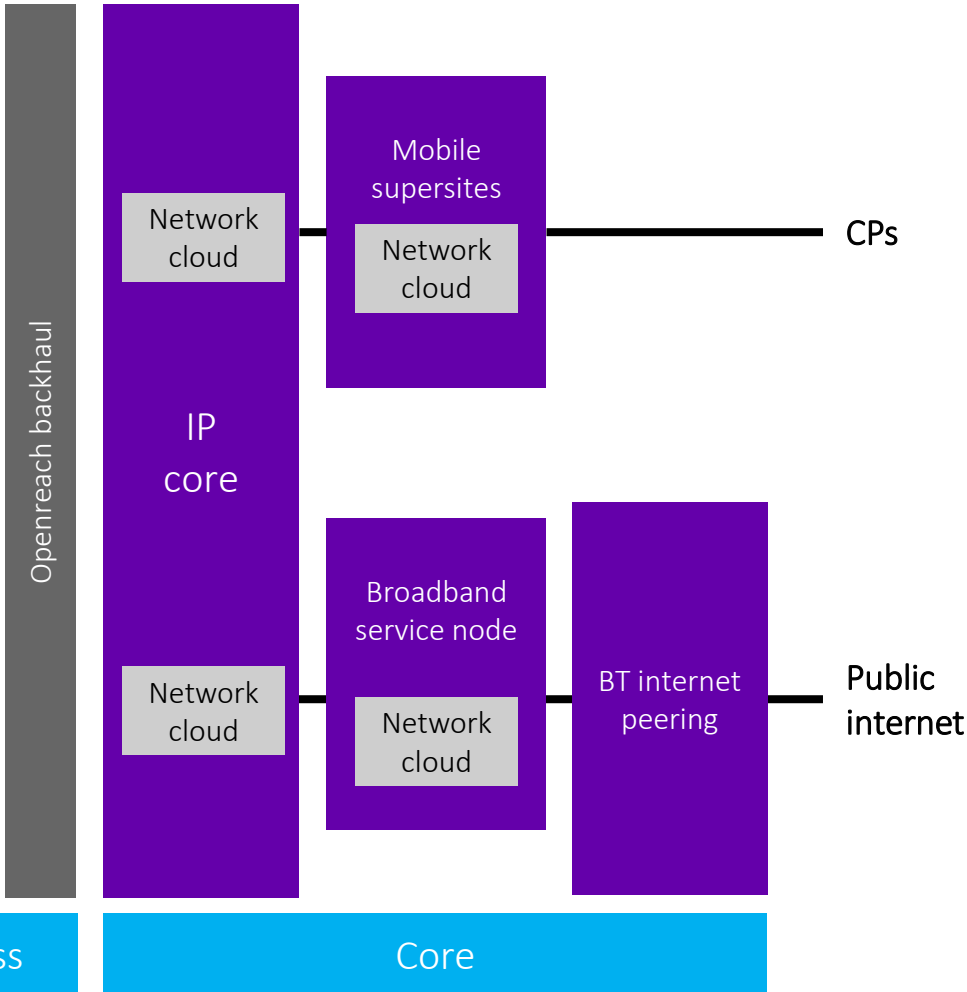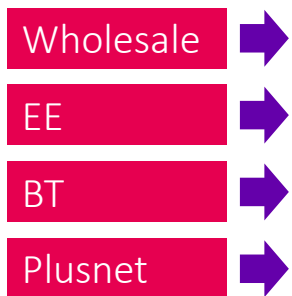## Future converged core

Mobile customers
Peak demand: c.1.5Tbps[1]

c.19k sites

2G
4G
5G

Fixed broadband customers
Peak demand: c.50Tbps[1]

Wholesale
EE
BT
Plusnet

Openreach backhaul

IP core

Network cloud

Mobile supersites

Network cloud

CPs

Broadband service node

Network cloud

Network cloud

BT internet peering
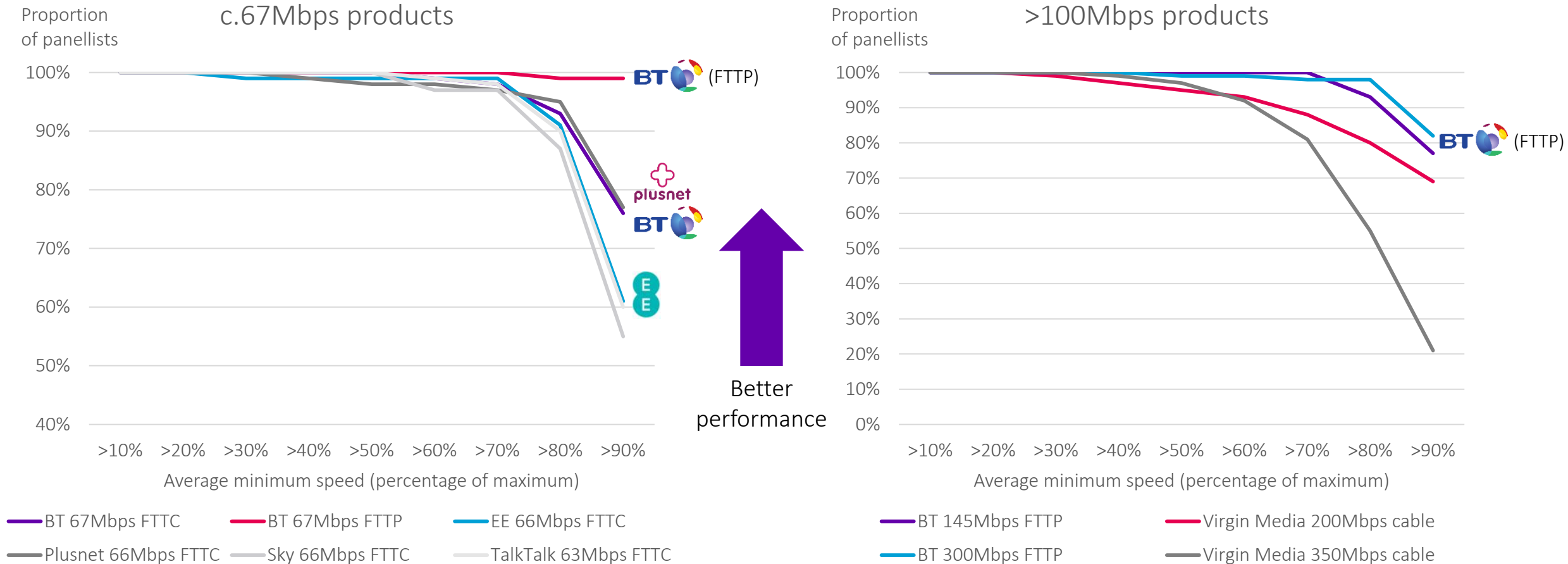
Public internet

Fixed / mobile access

Core

- Significant reduction in cost of adding incremental capacity

- Limited third party dependencies

- Seamless switching between networks

- Consolidated supplier base

- Network cloud allows faster, more agile deployment of applications and functionality

[1] BT forecast

Our converged core will build on our fixed network leadership

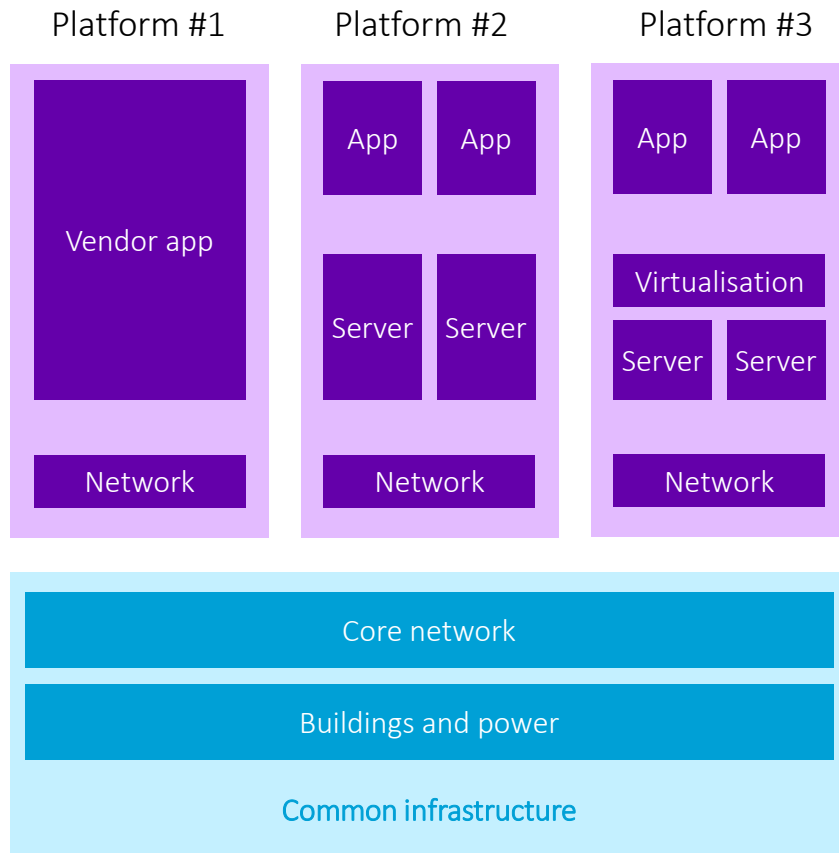## Distribution of average minimum speed as a proportion of maximum speed for 30Mbps and above (2018)

c.67Mbps products

Proportion of panellists

BT (FTTP)

plusnet

BT

EE

>100Mbps products

Proportion of panellists

BT (FTTP)

Better performance

Average minimum speed (percentage of maximum)

X-axis (both charts): >10% >20% >30% >40% >50% >60% >70% >80% >90%

Legend (left chart):
— BT 67Mbps FTTC — BT 67Mbps FTTP — EE 66Mbps FTTC
— Plusnet 66Mbps FTTC — Sky 66Mbps FTTC — TalkTalk 63Mbps FTTC

Legend (right chart):
— BT 145Mbps FTTP — Virgin Media 200Mbps cable
— BT 300Mbps FTTP — Virgin Media 350Mbps cable

Source: Ofcom UK Home Broadband Performance Nov 2018

Network cloud is a key element of our future converged core

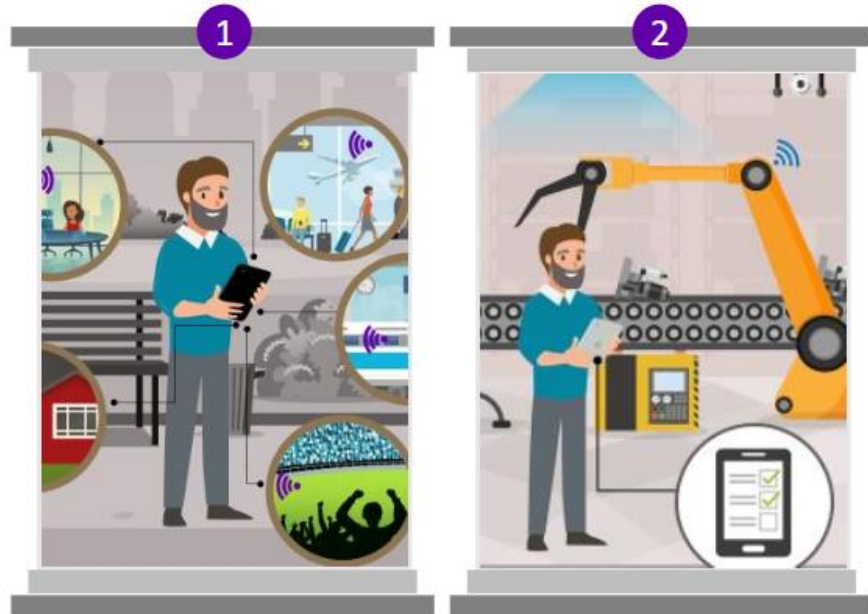## Network functionality today

Platform #1

Vendor app

Network

Platform #2

App | App

Server | Server

Network

Platform #3

App | App

Virtualisation

Server | Server

Network

Core network

Buildings and power

Common infrastructure

Cloudification

- Faster
- More agile

Future functionality with network cloud

Platform #1

App | App

Platform #2

App | App

Platform #N

App | App

Containerisation

Server | Server | Server | Server

Network Cloud

Core network

Buildings and power

Common infrastructure

BT
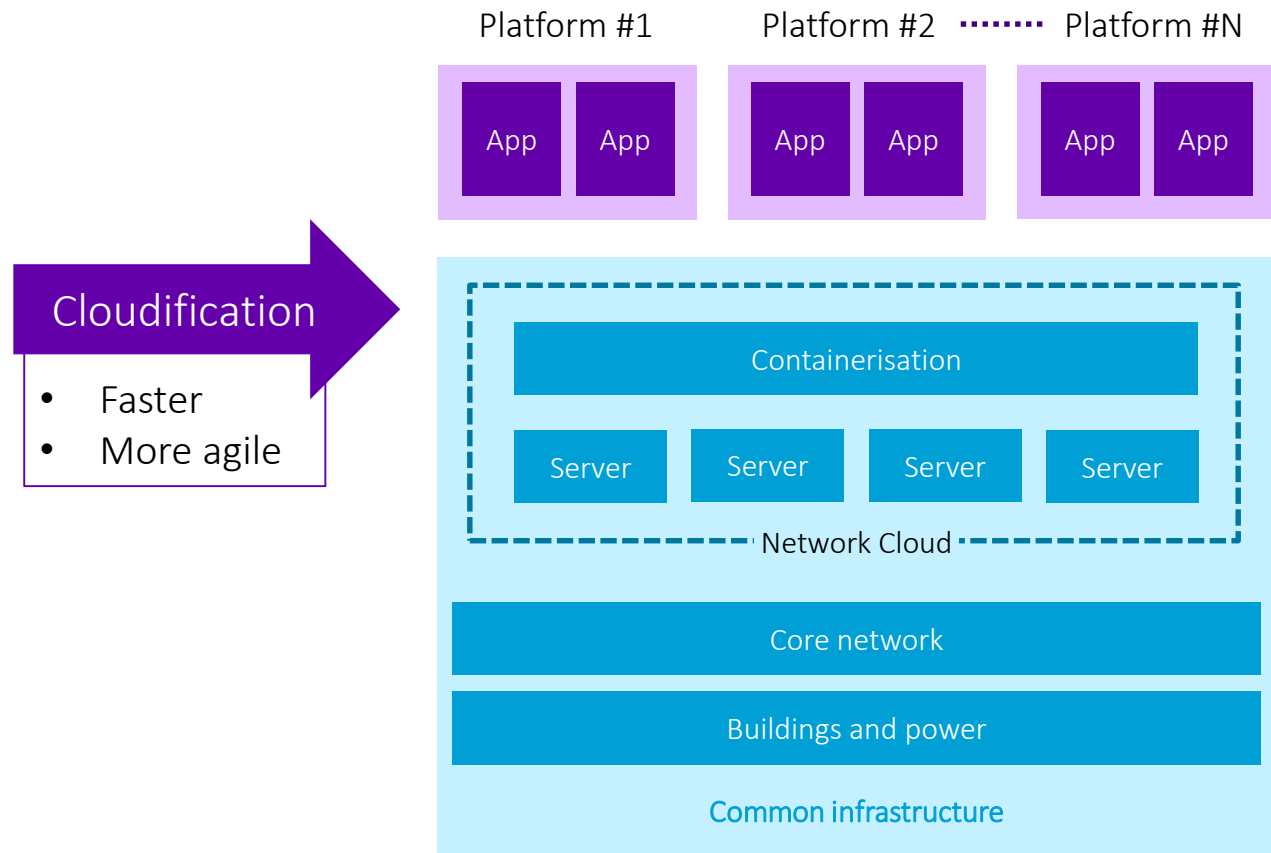
Our smart network will provide a seamless, consistent customer experience

Intelligence layer

WiFi on the go

Mobile networks

Fixed networks

Consistent experience everywhere

Everything works seamlessly
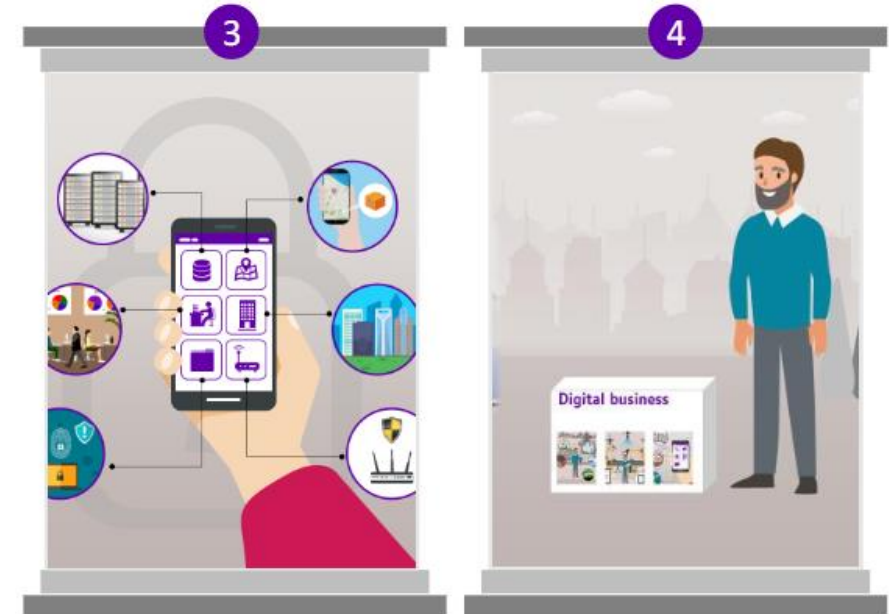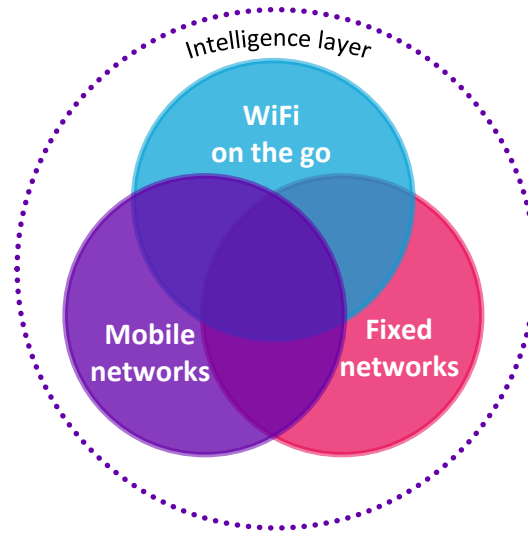
Everyone and everything protected

Buying experiences easily
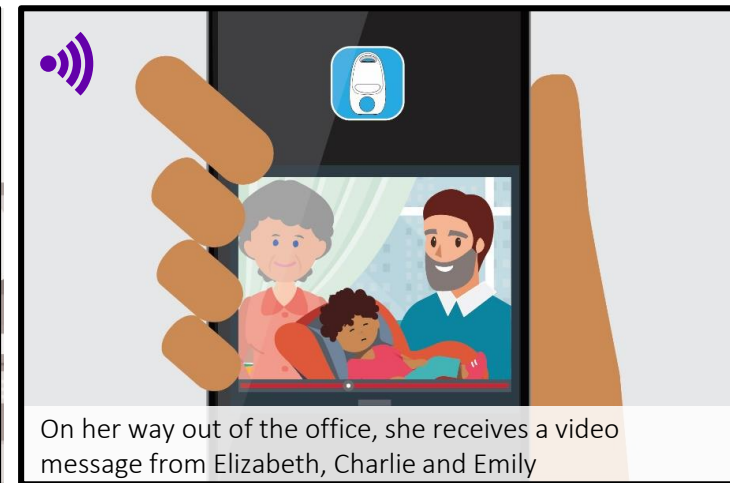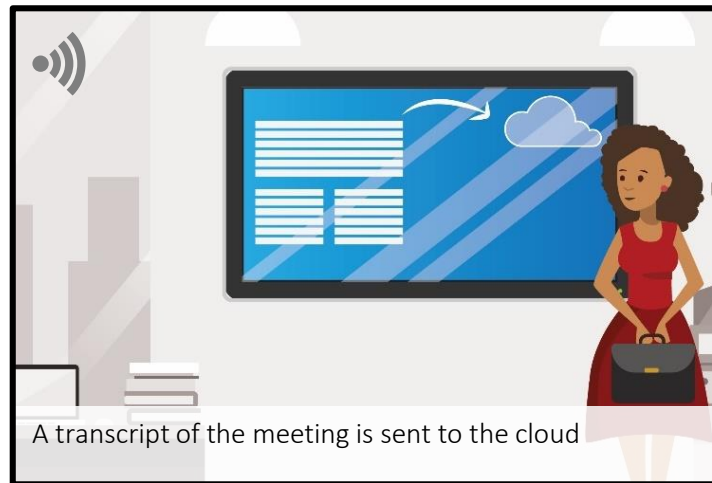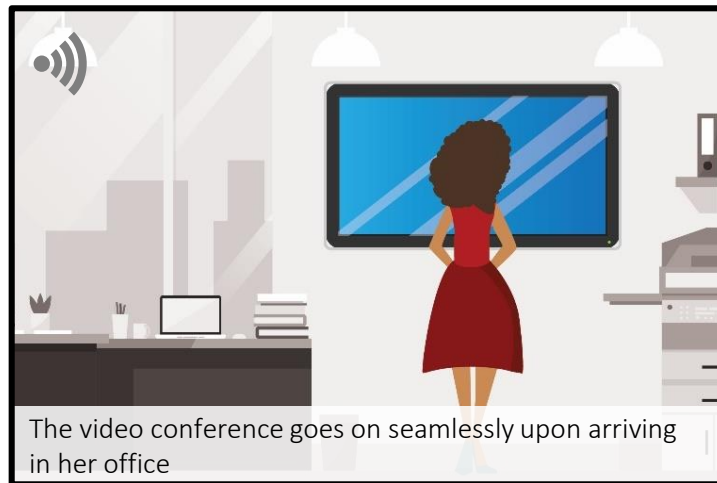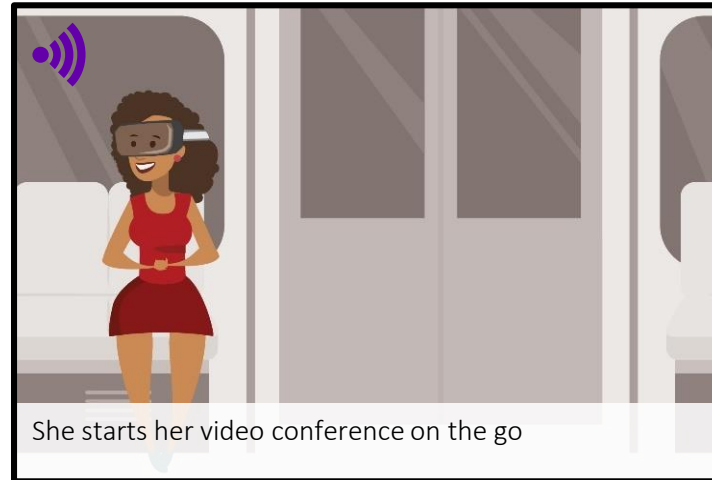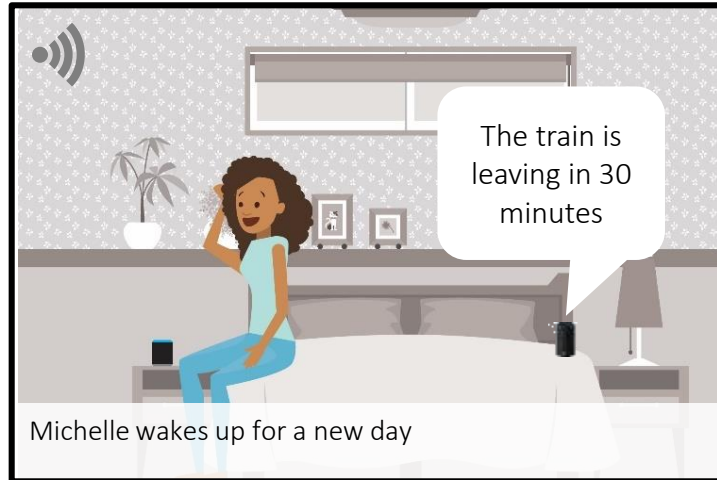
Digital business

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Differentiated customer experience

Greg McCall, Managing Director of Converged Service Platforms

[Placeholder for converged world video]

Convergence for consumers

Michelle gets fast, seamless service on the go to make her business efficient and stress-free

Michelle wakes up for a new day

The train is leaving in 30 minutes

She starts her video conference on the go

As she disembarks the train, the conference seamlessly continues over Michelle's headset

The video conference goes on seamlessly upon arriving in her office

A transcript of the meeting is sent to the cloud

On her way out of the office, she receives a video message from Elizabeth, Charlie and Emily

Private hybrid WiFi   4G / 5G   Public WiFi

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Convergence for businesses

Michelle's ad firm's fixed connection breaks down, but hybrid resilience saves the day
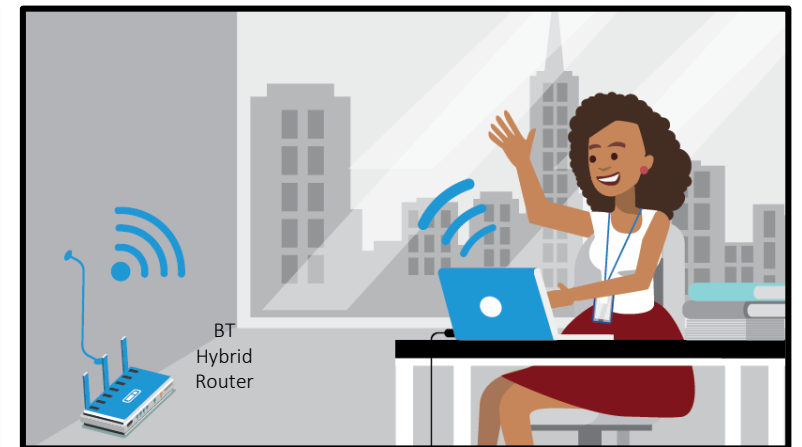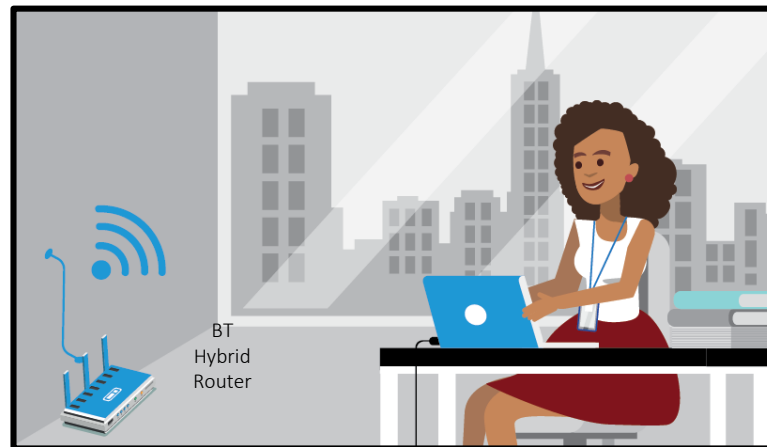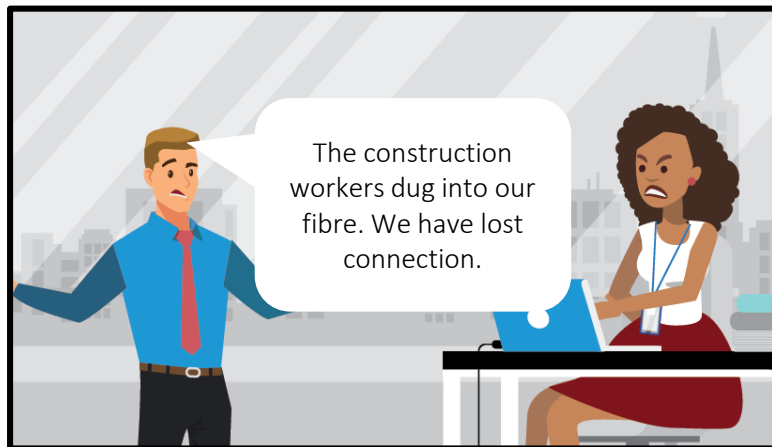
We expect 5G to enable a wave of new business models

4G
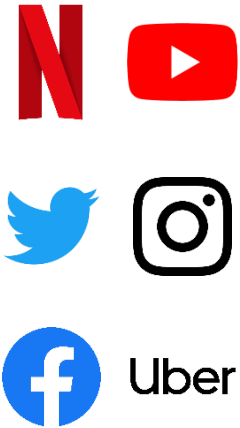
5G

Not just for the future – customers today benefit from our network leadership

AR[1] and VR[2] gaming

- Next generation gaming relies on the best connectivity
- Exclusive partnerships ensure that our customers have new experiences on our networks first

Private networks for campuses and factories

- Our private networks in hospitals deliver:
  - better patient experience and outcomes
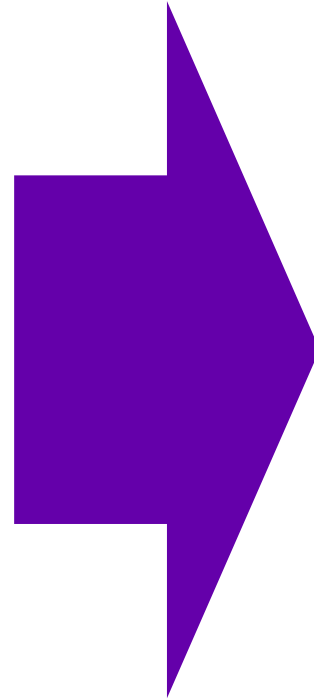 - reduced demand on emergency departments
  - faster flow through the hospital

Best network in crowds

- Our Wembley network is a demonstration of our capability to deliver best connectivity in crowded environments
- AR[1] facilitates new ways of viewing sport and concerts

1 Augmented reality
[2] Virtual reality

[Placeholder for EE Wembley Stadium video]

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Our IT transformation journey

Rachel Higham – Managing Director, IT

We're simplifying and optimising processes as we apply the latest technology

Process optimisation and systems transformation

Complex processes today:

In lock-step with product, process and network simplification

NPS

Improved customer experience

Efficiency savings

Incremental revenue

Better employee engagement

Applying new technologies and engineering practices

Cloud	Microservices
Buy/subscribe versus build	AI[1] and machine learning
API[2]-enabled platforms	Agile and DevOps

Data is at the heart of our programme

Business-led with tangible proof-points

- Working with each business unit to prove the step change in customer and colleague experience

[1] Artificial intelligence
[2] Application programming interface

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New technologies and practices are enabling our transformation

Cloud

Setting up new environments and tooling:

16 weeks ➡ 2 minutes

Microservices and API[1]-enabled Platforms

prime video / NOW TV + Harry Potter WIZARDS UNITE

EE + ENJOY

Design Thinking, Agile and DevOps
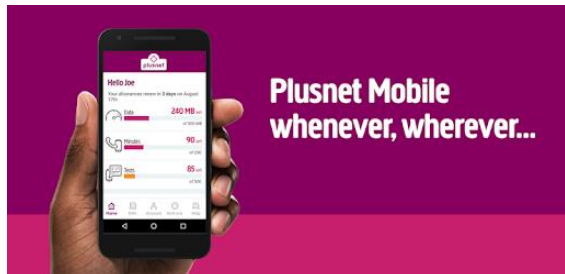
Plusnet Mobile whenever, wherever...

BT Cloud Voice
Cloud-based VoIP phone system solutions

New technologies and practices are enabling our transformation

Build/subscribe versus build

salesforce

brite:bill

Design-led automation
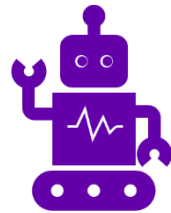
x 168 = 180,000 hours manual work

Artificial intelligence and machine learning

openreach + 🤖 = 30-40% automation

Data and insights

Big data + ☁️ = faults ↓ 2.5%

BT

And to support these ways of working we're changing our organisation

Leadership,
culture and
mindset

Organisation
and operating
model

Reimagining IT
touchpoints

Strong
partnerships

BT

We're reskilling the business to support this transformation

Service Design

Automation

Digital
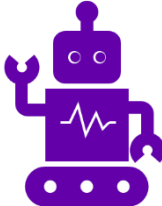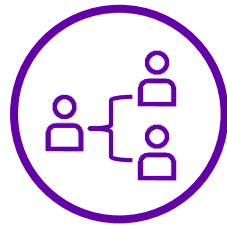
Agile

Data Science
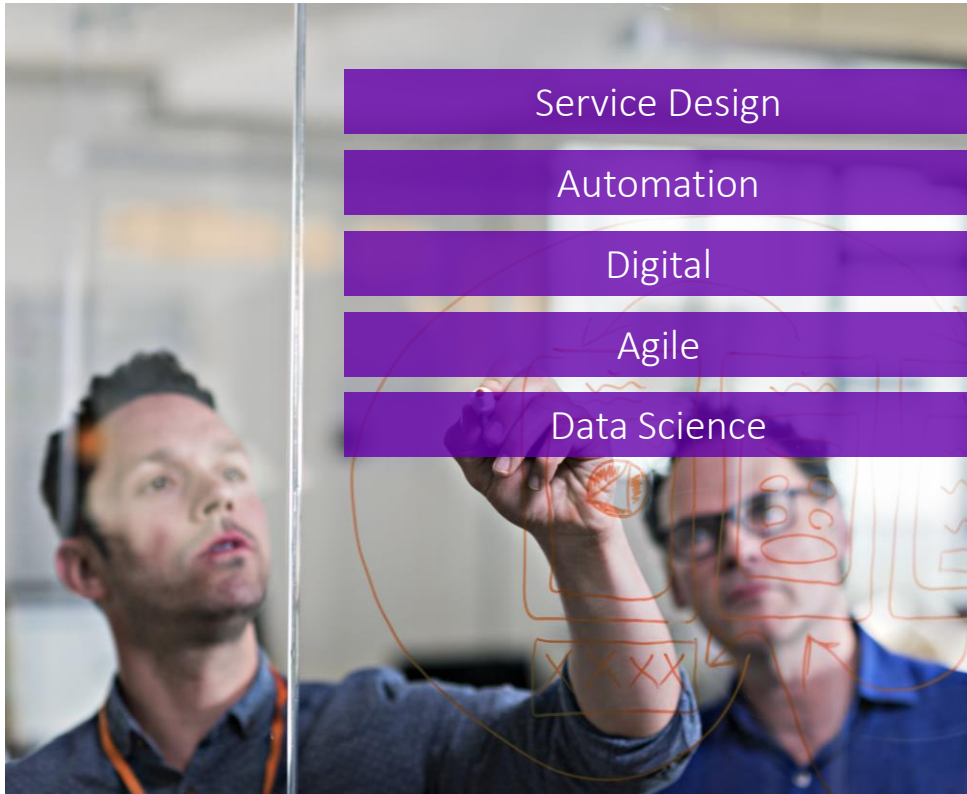
Our goals	Our approach
1 Giving **our people opportunities to learn and grow new skills** (...in a fun, interactive, experiential way)	Learning — Pan-org events / 'Show and Share' — Communities of Practice
2 Building **an external brand/presence** in the market to help us attract talent in new domains	
3 Strengthening capability through **strategic/disruptive hires**	Focus on building out CoEs[1] (service design, engineering excellence etc.) Commissioned work through research agency/linked in channels

[1] Centres of Excellence

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Finance and transformation

John Beswick, CFO Technology

We are responsible for 40% of the Group's capex

| Technology[1]	2017/18	2018/19	Change
UK operating costs	£1,624m	£1,601m	(1)%
Capital expenditure[2]	£1,532m	£1,535m	0%
Overseas operating costs	£234m	£208m	(11)%
Total managed costs	£3,390m	£3,343m	(1)%

UK operating costs

ESN and other
Total labour costs
Energy
Third party maintenance
Ofcom fees
MBNL

Capital expenditure

Specific business unit development[2]
Non-network infrastructure
Systems/IT
Customer driven
Capacity / network

- UK operating costs down 1%, driven by:
  - reduction in spectrum annual license fees and strategic sourcing
  - offset by higher energy costs, and increasing mobile coverage and capacity driving higher operating costs

- Capital expenditure flat, driven by:
  - network capacity expansion
  - offset by strategic sourcing, transformation of network build costs and reduction in EE integration spend

- Overseas operating costs (cost of running Global's networks) down 11%, driven by:
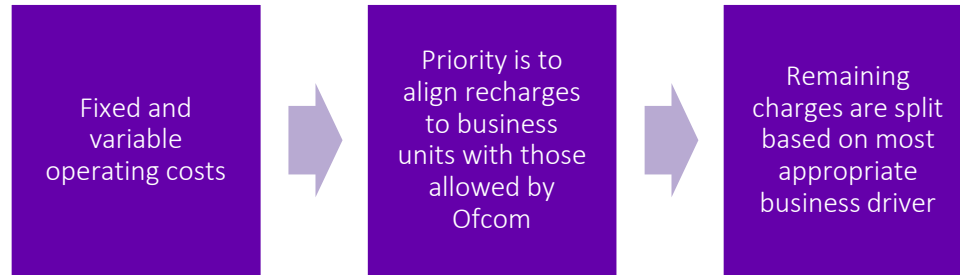 - strategic sourcing and network optimisation
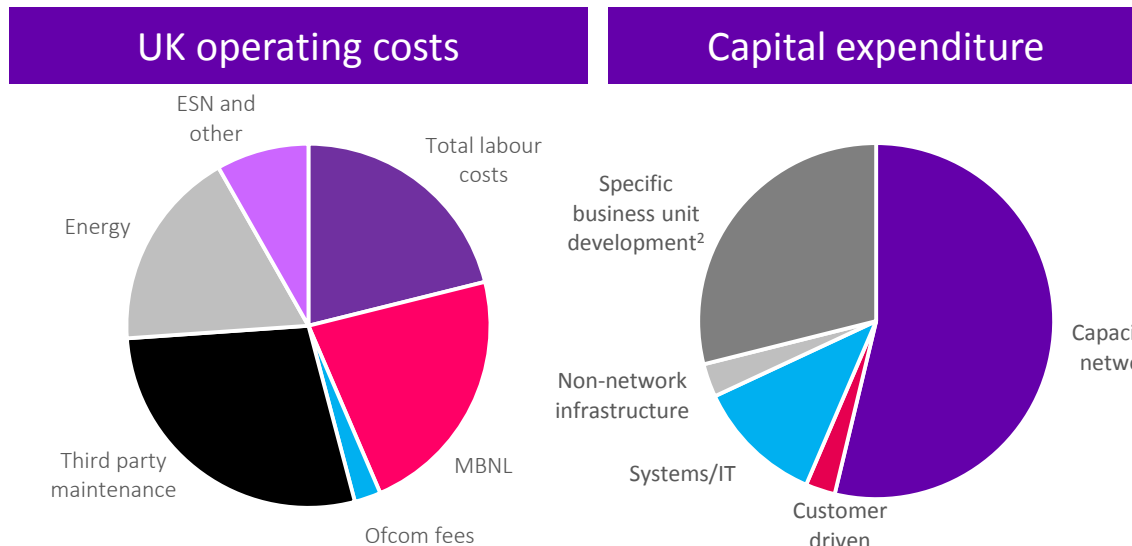
[1] Financials adjusted to reflect 2018/19 organisational moves

[2] For presentation purposes we have reflected the 'specific business unit development' spend as capital expenditure. Each business unit determines whether to capitalise these costs, but today c.90% is capitalised.

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We allocate our costs across the Group's business units

Technology's operating cost allocation

Fixed and variable operating costs → Priority is to align recharges to business units with those allowed by Ofcom → Remaining charges are split based on most appropriate business driver

2018/19 operating costs by business unit

£m

- Technology operating costs
- Total operating costs

Technology's capital expenditure allocation

Specific business unit development[1]
External capex
Capitalised labour

Capitalised labour and external capex: budget is assigned by Group, owned by Technology and recharged to business units based on pre-agreed criteria.

Specific business unit development: the budget is assigned to Technology by business units for specific purposes.

2018/19 capex by business unit
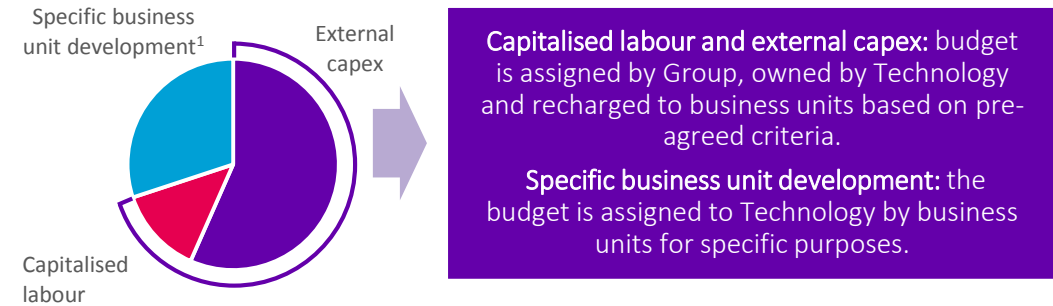

£m

- Technology capex
- Total capex
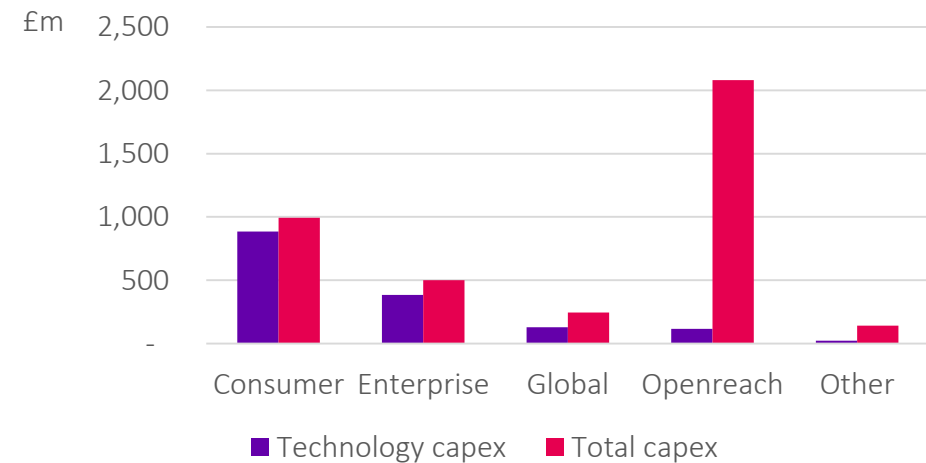
[1] For presentation purposes we have reflected the 'specific business unit development' spend as capital expenditure. Each business unit determines whether to capitalise these costs, but today c.90% is capitalised.

Inflationary pressures are offset by transformation

Operating costs reducing despite headwinds

£1,624m

£1,601m

| 17/18 UK operating costs | Mobile network | Energy | Annual license fees | Strategic sourcing | 18/19 UK operating costs |

We will continue to drive our efficiency programmes to offset cost inflation and increasing data consumption
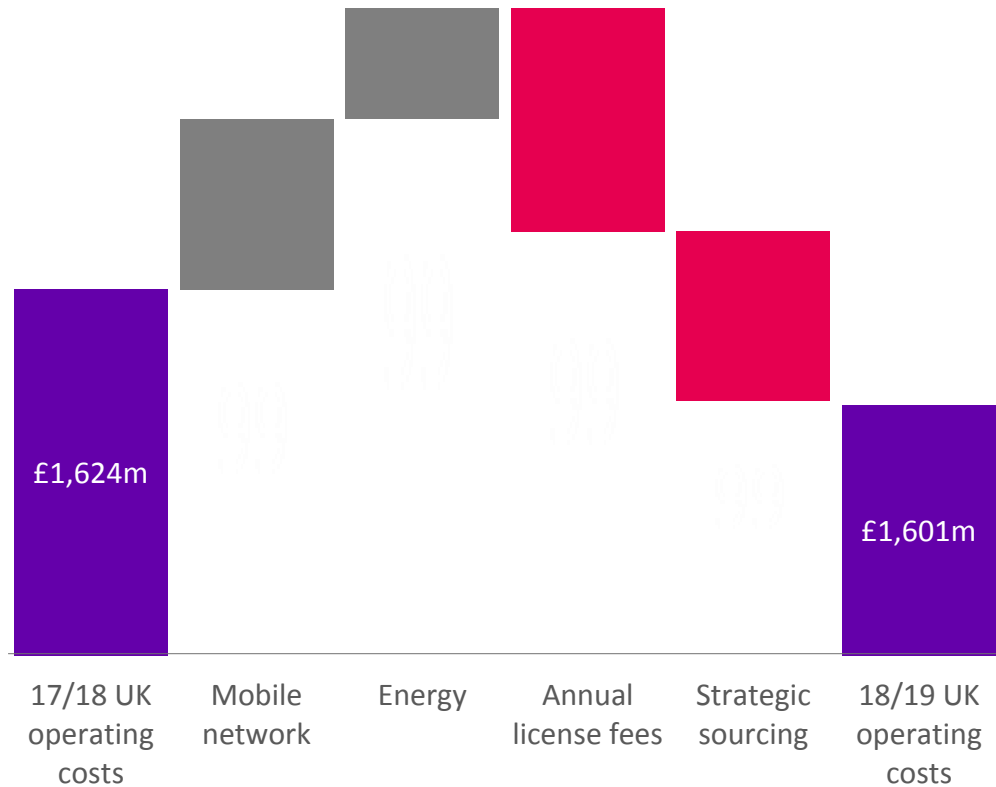
Electricity volumes versus unit prices[1]

■ GWh[2]   —— GBP per MWh[3]

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

2016/17   2017/18   2018/19   2019/20   2020/21
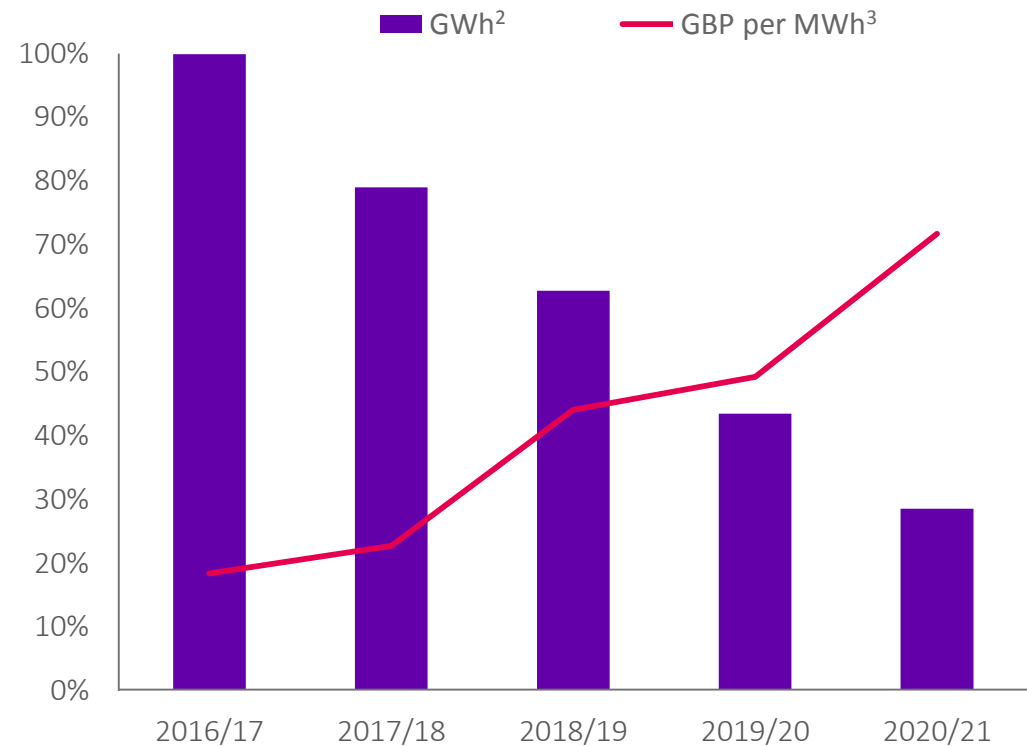
[1]Source: BT forecast
[2] Gigawatt hour
[3] Megawatt hour

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We're managing growth in data consumption by reducing unit core costs

An increasing proportion of capex is invested in the network

Technology's capex from 2016/17 to 2018/19

£1,498m → 2.2% → £1,535m

2.0% (76.0)%

(5.3)%

117.9%

4.3%

2016/17   2018/19

- Capacity/network
- Customer driven
- Systems/IT
- Non-network infrastructure
- Specific business unit development
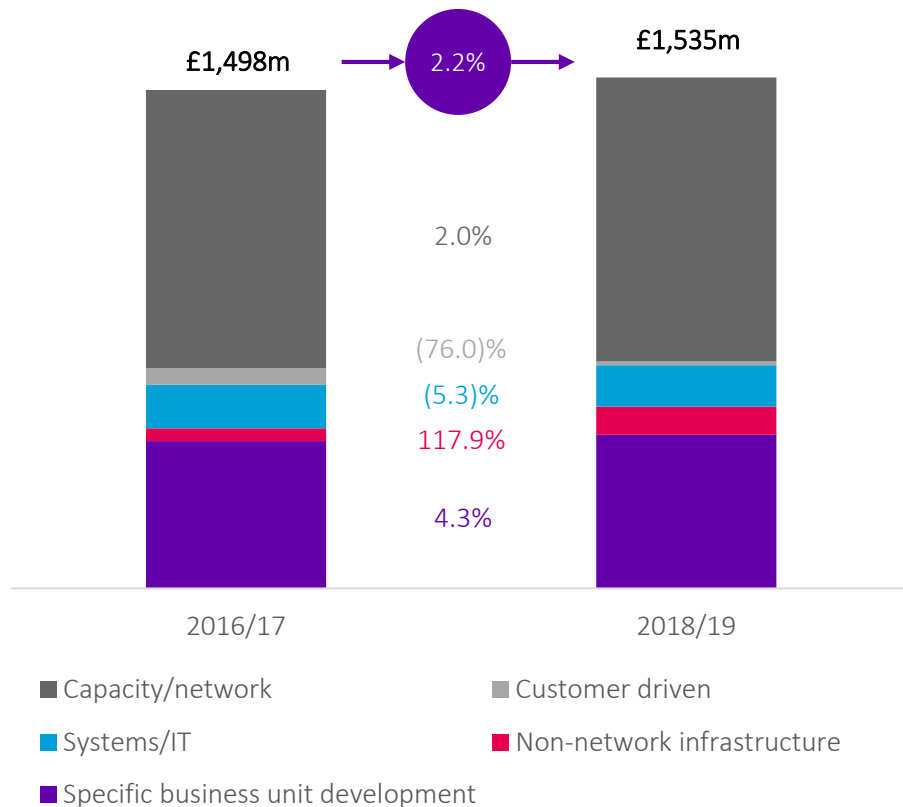
Exponential growth in data consumption is offset by transforming the cost of incremental core network capacity

Core network deployment costs (cost per Gbps)

2012/13[1]   2016/17   2017/18   2018/19   2019/20   2020/21   2021/22   2022/23

One smart network

- Fixed
- Mobile

(16)% CAGR   c.(15)% CAGR

c.(25)% CAGR
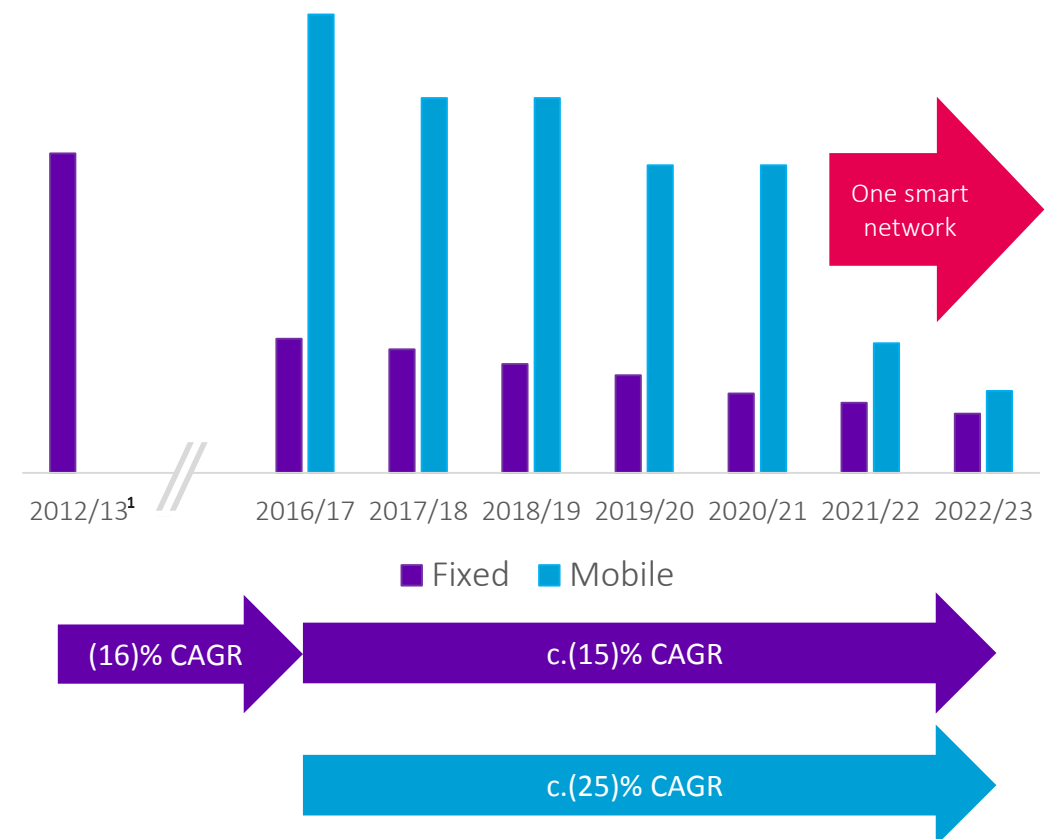
[1] No equivalent mobile core cost data available for 2012/13

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Multiple initiatives underpin our transformation programme

A single, converged core: reducing the cost of adding network capacity as data consumption increases

Transforming energy consumption through adiabatic cooling and rectifier replacement

New operating model implemented

Third Party transformation: further strategic sourcing with key suppliers

Process simplification and automation

Removal of legacy systems and platforms

Spectrum license fees: continued focus on annual license fees, recently securing restitution payment

Our unique opportunity to build the future

Howard Watson

We have an exciting programme of near-term research

Cloud native network

Network virtualisation is enabling a radical re-architecture of network infrastructure enabling automation, optimisation and the ability to rapidly create new services.

Opportunity: Using AI[1] to deliver a zero touch self-optimising network.

Quantum key distribution

Quantum key distribution enables the secure distribution of encryption keys and detection of eavesdropping on fibre networks.

Opportunity: Highly secure networking using quantum key distribution on financial, life sciences and critical infrastructure.

Immersive content

AR[2], VR[3] and 360 degree content brings you closer to the action. Object Based Broadcasting will enable users to personalise their viewing experiences.

Opportunity: Immersive formats will augment BT Sport content.

Future cyber operations centres

Advanced human-centred threat detection and response capabilities for future cyber security operation centres.

Opportunity: Early threat identification and correlation to assist and differentiate our security services and protect our networks and services.

AI[1] and machine learning

AI[1] encompasses a range of powerful technologies including machine learning, which is the ability of a system to learn from and improve with experience without being explicitly programmed.

Opportunity: Automation of routine tasks, from diagnostics to customer support. We are also extending BT's AI[1] readiness so we can rapidly adopt new AI[1] technologies.

1 Artificial intelligence   [3] Virtual reality
[2] Augmented reality

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We continue to invest in the longer term to keep the UK ahead

Ultra MIMO[1]

Ultra MIMO[1] enables the same spectrum to be reused from the same base station in order to provide major capacity increases on wireless networks.

Opportunity: Mobile spectrum is limited and expensive. Our goal is to develop technology to deliver a further step change in capacity based on MIMO[1] technology.

Fundamental physics

All communications systems are underpinned by fundamental physics of the underlying transmitters and receivers and the medium between them.

Opportunity: Applying physics, mathematics and material science has the potential to unlock an order of magnitude improvement of capacity in our networks.

Breakthrough civils

By using new sensing techniques we will be able to determine exactly what's under the streets and then use emerging technologies such as robotics to reduce the effort required to deploy.

Opportunity: Breakthroughs in computer vision and sensors to create digital twins combined with robotics will help Openreach reach more of the UK with full fibre.

Instrumented world

IoT's ability to provide actionable insight from sensors and other connected devices will have a transformational impact across a broad range of sectors including: manufacturing, healthcare, and transport.

Opportunity: Connectivity and security services have vital roles in IoT – use cases are continuously evolving.

Self healing security

AI and data science will underpin an "artificial immune" system for networks and services to allow adaptive defences and automated rapid response to attacks.

Opportunity: Leadership in cyber-security technology and solutions is necessary both in our security portfolios and in protecting our infrastructure from threats and attacks.

[1] Multiple input multiple output

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[Placeholder for Global's security video]

Our ten year vision positions us to win beyond connectivity

Connectivity as a Service

In the UK, a single converged network that can scale to meet demands, providing agility, resilience and differentiation.

Globally, a collection of federated networks with advanced capabilities such as QKD[1].

Opportunities
- Telemetry and autonomous control
- 5G control of mission critical applications
- Hollow core fibre
- QKDconnect

Trust as a Service

Our service offerings will be trusted and secure.

We will respect customer data and privacy, treating it as an extension of our own.

Our security tools will automate the analysis of huge volumes of data.

Opportunities
- QKD[1] for NFV[2]
- Visual analytics: Nexus
- Blockchain
- Cyber Security expertise

Actionable Insight as a Service

An information layer will support our own services and those from other providers. We'll collect, store and curate data from a vast array of sensors connected to our network.

Data will be available through our own applications or via APIs[3].

Opportunities
- Health and monitoring
- Datahub
- Cyber analytics
- IoT

Productivity as a Service

We'll rapidly assemble new applications and services.

These components will enable new business models.

From actionable insight our services will enable increased productivity and efficiency.

Opportunities
- Fraud analysis
- Aggregated home
- Field analytics and optimisation

[1] Quantum key distribution
[2] Network function virtualisation
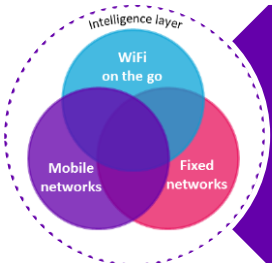[3] Application programming interface

We are building a better BT for the future

Our markets are rapidly changing as our customers connect more devices and use exponentially more data

We have a unique set of core and access networks, and a proven track record of delivery

Our plans for one smart network and IT transformation will enable continued differentiation

Technology's ten year vision: value beyond connectivity

Connectivity as a Service

Trust as a Service

Actionable insight as a Service

Productivity as a Service

Glossary

ADSL: Asymmetric digital subscriber line. A digital technology that allows the use of a standard telephone line to provide high speed data communications.

Backhaul: The links by which data is transmitted from a local telephone exchange back to the operator's core network.

Broadband speed: The speed at which data is transmitted over a broadband connection, usually measured in megabits per second (Mbps).

Core network: Provides the routing between the access or backhaul network, and the internet.

CP: Communications provider. A company that provides access to the internet.

Ethernet: Point-to-point data connectivity network between sites. Typically high speed over fibre, and can be used to connect a site to the internet.

Exchange: The local telephone exchange is the building where all consumers' copper telephone lines are connected to enable telephone calls to be switched, and where network equipment is installed which enables consumers' data traffic to be routed via an operator's core network to its destination.

Fixed access network: Connects end customers (homes and businesses) to access nodes (typically in exchanges).

FTTC: Fibre-to-the-cabinet. An access network technology consisting of optical fibre extending from the access node to the street cabinet. The remaining segment of the access network from the cabinet to the customer is usually a copper pair, but another technology such as wireless could be used.

FTTP: Fibre-to-the-premises. An access network technology which connects end customers to an access node using exclusively fibre. Offers better performance, higher speeds and fewer drop-outs than FTTC.

Gbps: Gigabits per second. A unit measuring the bitrate. 1Gbps is the equivalent of 1,000Mbps.

IP voice: Internet protocol voice. A group of technologies for the delivery of voice communications and multimedia sessions over Internet Protocol (IP) networks, such as the Internet.

IMS: Internet protocol multimedia subsystem. A concept for an integrated communication provider's network that facilitates the use of IP (Internet Protocol) for packet communications (e.g. voice) in all known forms over mobile or broadband.

Latency: The delay between a user of a network making a request to their mobile or fixed network for information and the network providing this information to their device.

MBNL: Mobile Broadband Network Limited. A joint venture between BT and mobile network operator Three, whereby both operators share parts of their mobile networks infrastructure.

Mbps: Megabits per second. A unit measuring the bitrate. 1Mbps is the equivalent of 1,000kbps.

MCN: Mobile cloud network. Mobile cloud networking uses cloud computing to deliver applications to mobile devices. These mobile apps can be deployed remotely.

MIMO: Multiple input multiple output. A method for multiplying the capacity of a radio link using multiple transmission and receiving antennas to send and receive more than one data signal simultaneously over the same radio channel.

PoP: Point of presence. An artificial demarcation point or interface point between communicating entities where the entities build a connection with each other.

RAN: Radio access network. Electronics and backhaul network connecting mobile users to the core network.

Spectrum re-farming: The process governing the repurposing of frequency bands that have historically been allocated for 2G or 3G mobile services for new generation of mobile technologies.

Tbps: Terabits per second. A unit measuring the bitrate. 1Tbps is the equivalent of 1,000Gbps.

Upload speed: Also uplink or upstream speed. Rate of data transmission from a customer's connection to a network operator's access node, typically measured in megabits per second (Mbps).

Virtualisation: The process of creating a simulated, or virtual, computing environment as opposed to a physical environment. Virtualisation often includes computer-generated versions of hardware, operating systems, storage devices and more.

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Notes

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Notes