Openreach in Hampshire
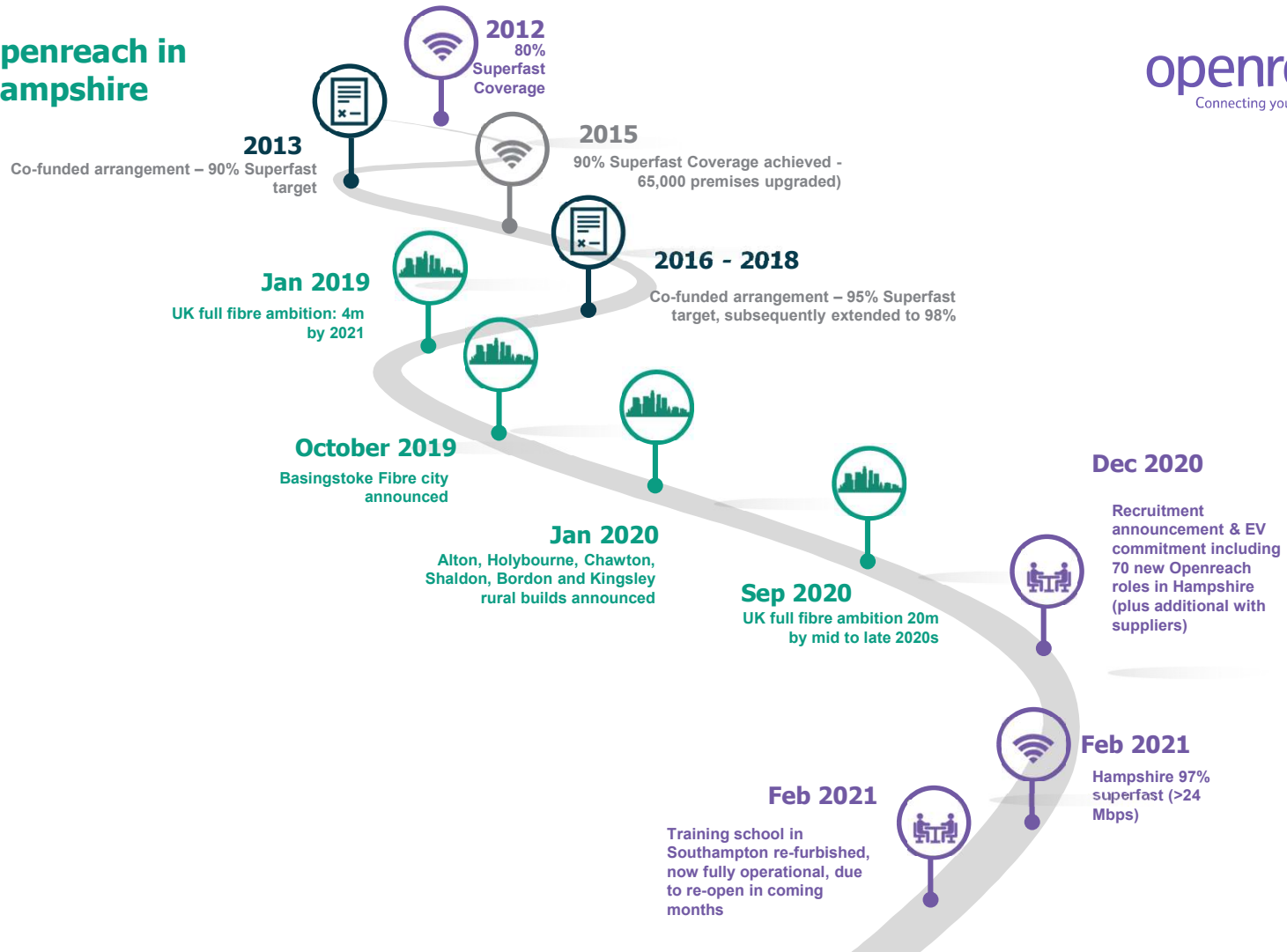
Hampshire CC Policy and Resources Select Committee

Thursday 4th March 2021

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Openreach in Hampshire

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2012
80% Superfast Coverage

2013
Co-funded arrangement – 90% Superfast target

2015
90% Superfast Coverage achieved - 65,000 premises upgraded)

Jan 2019
UK full fibre ambition: 4m by 2021

2016 - 2018
Co-funded arrangement – 95% Superfast target, subsequently extended to 98%

October 2019
Basingstoke Fibre city announced

Jan 2020
Alton, Holybourne, Chawton, Shaldon, Bordon and Kingsley rural builds announced

Dec 2020
Recruitment announcement & EV commitment including 70 new Openreach roles in Hampshire (plus additional with suppliers)

Sep 2020
UK full fibre ambition 20m by mid to late 2020s

Feb 2021
Hampshire 97% superfast (>24 Mbps)

Feb 2021
Training school in Southampton re-furbished, now fully operational, due to re-open in coming months

Openreach in Hampshire today

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Support for critical national infrastructure including vaccination centres

Over 4k premises connected (commercial rural build)

29 community schemes connected & live

4k Basingstoke CRFS (commercial build)

429 CFP schemes ongoing

115k total co-funded homes

830 employees living in Hampshire

Continued to deliver throughout the pandemic

UK largest private sector apprentice employer
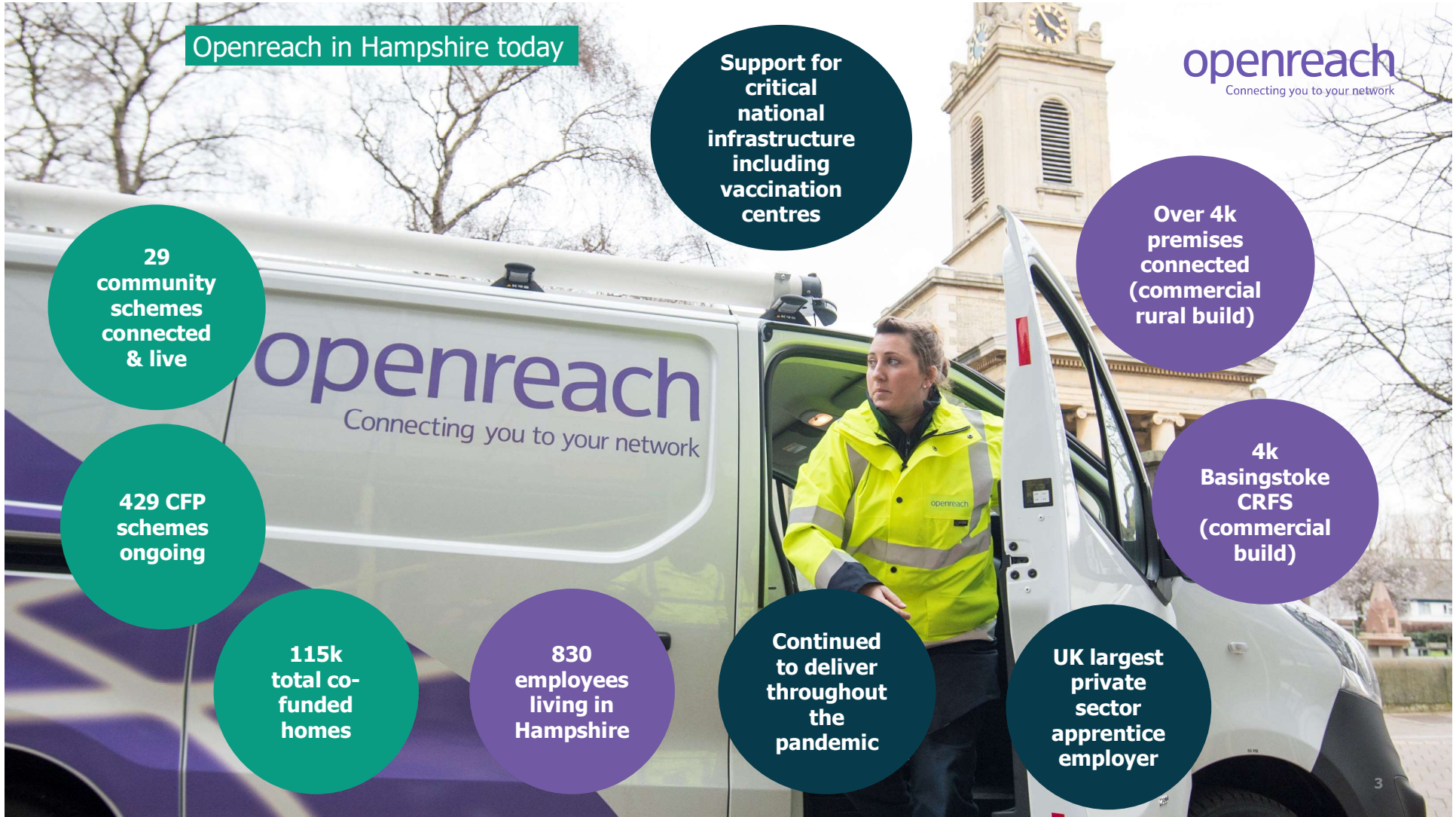
Co-funded coverage in Hampshire

Co-funded delivery through BDUK programmes

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80k premises CRFS in closed BDUK contract 1

55k premises CRFS in ongoing SEP programme
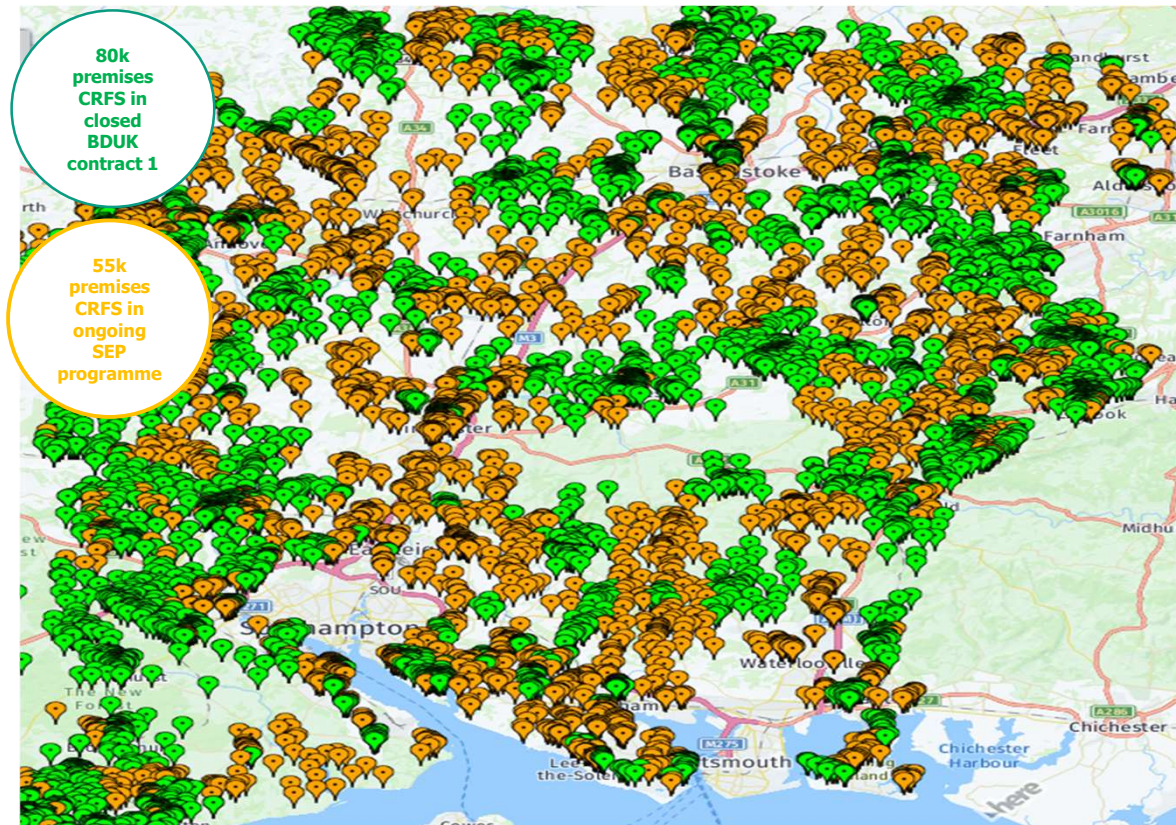
*CRFS includes cross-border phase contracted premises *

Co-funded coverage in Hampshire

Co-funded planned delivery for 2021/22 (SEP Hampshire)

20 structures remaining in New Forest, covering 97 postcode areas

Co-funded Community Fibre Partnerships

Community Fibre Partnerships in Hampshire

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1691 premises connected

1196 premises in build

1743 premises final offer

6
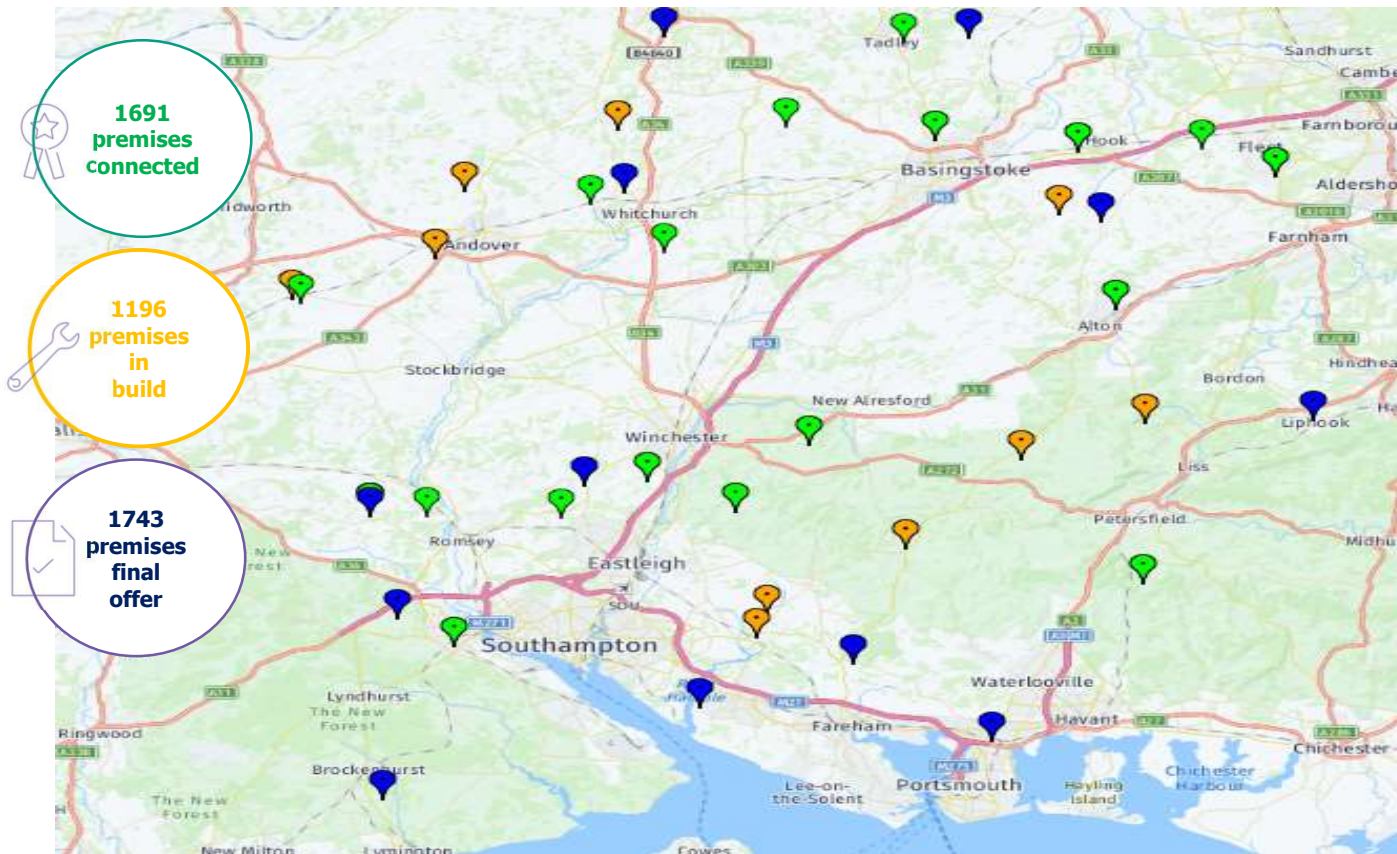
New sites

Over 1.5 million plots have been contracted with us for fibre broadband since February 2016

Over 1.2 million of those plots will receive an ultrafast Full Fibre connection

185,437 residential plots have been contracted so far since April 2020

We work with over **41,000 developers** across the UK, including managing our **top 34** developers who deliver nearly **50%** of total annual UK plot volume

493,028 total plots have been self-installed by developers, saving them time and money, and to date **44%** of all plots we've connected have been self-installed by developers

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4% The amount a property can change in value depending on the quality of the broadband*

88% of people listed in an online poll† listed slow or poor broadband as a factor when choosing a property

*London School of Economics
†epilo.com

91% of these plots will receive Full Fibre. That's more than triple the Full Fibre footprint that was contracted for new builds in the previous financial year.

82% our current developer satisfaction score across account managed developers

NPS score across smaller developers, against telecoms industry standard of +35 **+65**

We're connecting more than **3,600 new homes** every week to Full Fibre infrastructure

openreach.co.uk/propertydevelopments

New Site Full Fibre proposition

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20+ Plots
Free Full Fibre for all sites

2-19 Plots
Openreach contribution to developer cost via set rate card

Commercial New Sites
Openreach contribution to developer cost via set rate card

openreach.co.uk/propertydevelopment

Full-fibre benefits*

Hampshire

In December, Openreach announced it was creating 2,500 new jobs and an estimated 2,800 roles with partners to support the UK-wide Full Fibre build, of which **341 new roles are planned in the South East, which includes Hampshire**.

400,000 people nationally, & **64,000** in the South East could return to work by 2033 (older parents, careers and working parents)

£59 billion/£8.7bn increase in GVA for the UK/South East by 2033

1.4% increase in employment for the South East by 2033

£1,800 GVA per worker (productivity) increase in South East

At a UK level **300 million** less commuting trips, representing a carbon reduction of **360,000 tonnes**

Enabling UK & South East to **work from home**

Centre for Economic and Business Report, Full Fibre Broadband: A Platform for Growth, Oct 2019

Ten fantastic full-fibre facts:

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1. Connecting everyone in the South East to 'full fibre' broadband by 2025 could create a £8.7 billion boost to the region's economy and bring more than 64,000 new workers into the workforce.

2. Fibre optics are strands of glass around one tenth the thickness of a human hair. They transmit data using light signals.

3. A single strand of fibre can provide enough capacity to serve up to 32 individual properties with Gigabit speeds.

4. Pure fibre optic broadband can run at speeds of 1 gigabit per second (1000Mbps) – **that's 15 times faster than today's UK average broadband speed**. You can download a two-hour HD film in less time than it takes to make a cup of tea. And video gamers could download a 5-gigabyte virtual reality (VR) game in 1.7 minutes, instead of waiting half an hour.

5. Full fibre is **more reliable** than traditional copper connections. A full fibre broadband signal isn't affected by external interference whereas copper can be impacted by outside electrical signals – including electric fences and even bad weather!

6. A fibre optic cable can send a signal over 120 miles without any real loss of quality. Traditional copper cables can lose signal at around one mile.

7. A family of four can all stream ultra HD or 4k quality video simultaneously, without waiting or buffering.

8. Full fibre is better for the environment – the amount of electricity used to power fibre is significantly less than needed for copper cables. Better connectivity also enables more people to work from home – which cuts down on commuting. Research suggests fibering up the whole of the UK could save 300 million commuting trips – reducing carbon emissions by 360,000 tonnes.

9. Full fibre can boost business productivity. It enables cheaper broadband powered phone services, and better access to cloud-based computing services. For example, full fibre connectivity combined with cloud computing means businesses can upload, store, access and download vast amounts of data in minutes instead of hours. Data is backed up and securely archived off-site so not relying on costly, ageing servers taking up expensive office space.

10. Full fibre broadband will be crucial in supporting plans to give NHS patients access to 'virtual clinics' where patients who don't physically need to come hospital can get a video consultation with their doctor. It can also allow hospitals to share HD quality graphics of medical scans in seconds to improve diagnosis speeds. For example, medical staff can download a 2 gigabyte CT scan in 40 seconds, instead of 14 minutes.

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