

# BT's plans for ultrafast speeds

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# BT's Ultrafast Broadband Vision



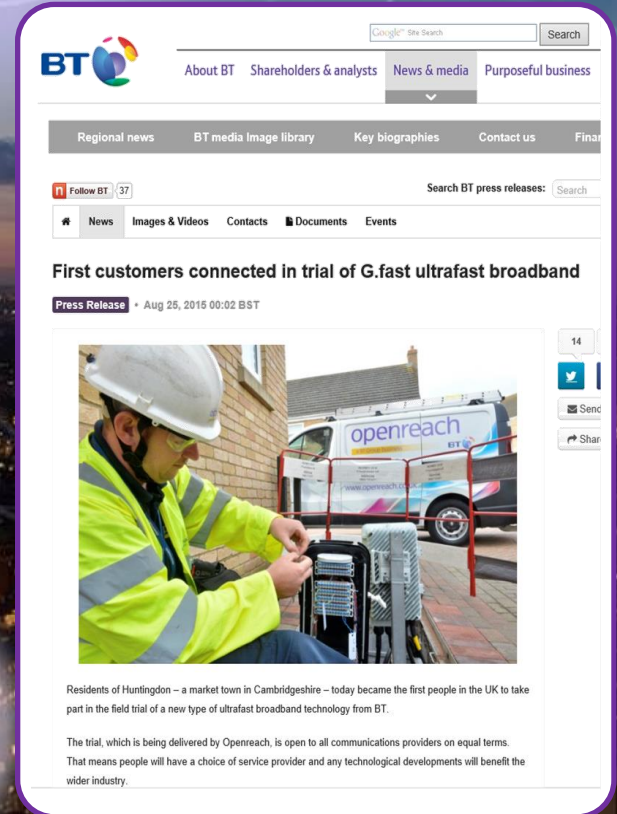
- A ten-year vision of up to 500Mbps available across most of the UK
- New Ultrafast services will reach 10m homes and smaller businesses by end of 2020, with an ambition of reaching an additional 2m homes with FTTP
- Available to all Communications Providers via Openreach



# G.fast delivering ultrafast speeds

- large-scale field trials are live in Huntingdon and Gosforth c.4,000 homes
- Commercial pilot in Cherry Hinton (Cambridge)
- Customers experiencing 300Mbps downstream and 30-50Mbps upstream
- Fibre on Demand (Premium Fibre) available up to 1Gbps and technical trials running in Swansea to experiment with G.fast

- Hundreds of customers live across three equipment vendors (ADTRAN, Huawei and Nokia)
- 7 CPs live: Andrews & Arnold, BT Consumer, BT Wholesale, EE, Plusnet, TalkTalk and Zen
- Longest line on trial to date is ~400m long and achieving ultrafast speeds
- Trial completes September, range of speed enhancements deployed



The screenshot shows a BT press release page. At the top is the BT logo and navigation links: 'About BT', 'Shareholders & analysts', 'News & media', and 'Purposeful business'. Below this is a search bar and a 'Follow BT' button showing 37 followers. The main headline is 'First customers connected in trial of G.fast ultrafast broadband', dated 'Aug 25, 2015 00:02 BST'. A photograph shows a technician in a high-visibility yellow jacket and white hard hat working on a piece of equipment on a rooftop. In the background, an 'openreach BT' van is parked. The article text below the photo states: 'Residents of Huntingdon – a market town in Cambridgeshire – today became the first people in the UK to take part in the field trial of a new type of ultrafast broadband technology from BT. The trial, which is being delivered by Openreach, is open to all communications providers on equal terms. That means people will have a choice of service provider and any technological developments will benefit the wider industry.'

# G.fast is just part of a wider suite of solutions

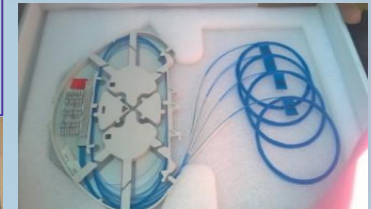
- Openreach are running multiple FTTP trials to understand different deployment scenarios:
  - Bradford
  - Haydon Wick (Swindon)
  - London
  - Shefford (Bedfordshire)
- Use of connectorisation and prebuild are quicker, slicker and cost effective and an excellent customer experience

- Sealed network
- Connectorised technology
- Vastly improved efficiency and reliability



Micro cables and tools to reduce cost of civil engineering

Slicker processes such as 1 step build and commission and 1 step provision



Efficient materials such as element trays and smaller closures saving 80% splicing costs