



PICTURE THIS...



Building a 'full-fibre' future for Jersey

You hear the words "world-leading" lots of times in Jersey - but how often are they actually true? How often does Jersey have something which is truly at the top of what you might find anywhere else on the globe? Well, here's an example of one thing which deserves that description, and if you are reading this article online, you are probably using it right now.

JT is on the cusp of completing Jersey's fibre-optic broadband network - when you read it like that, it might seem like nothing special. But it's that network which gets you online, something most people in the community do repeatedly, every day, for both work and play. Even when you are using the mobile network, it is still fibre-optic cabling at its core.

And JT has done something which puts Jersey right at the top of the world league - every broadband customer is directly connected to that network; other countries have left part of their connection on the old copper cabling, which severely restricts the performance of broadband and data services.

But in Jersey, the network is 'full-fibre', which JT argues is essential to make sure islanders can keep up with the ongoing technological revolution - who really knows how much speed and capacity we will demand in five years, let alone fifty?

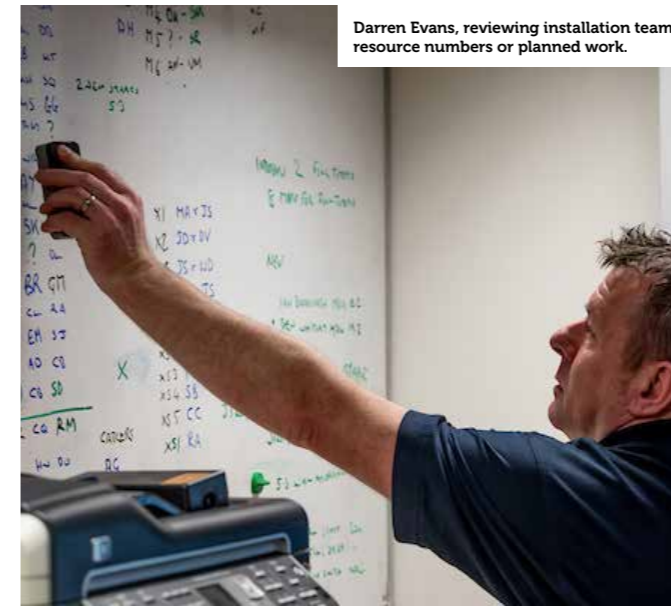
Which is why it has taken more than five years, and many millions of pounds, as the new fibre network completely replaces the island's entire broadband infrastructure - all the copper cabling throughout the island will very soon be gone, to be replaced by fibre-optic cables sending light at exceptionally high speeds down glass fibres - meaning multiple users in the same house can play games online, shop, download films, work, stay in touch with friends and listen to music, all at the same time.

This month's Picture This captures some images from how that quite literally ground-breaking project has unfolded.

Our Planning and Appointment team meet weekly to schedule each phase of the installation programme, working closely with the engineer and call centre teams - Jayne Hamilton, Lee Beech, Andrew Smith, Darren Evans.



PICTURE THIS...



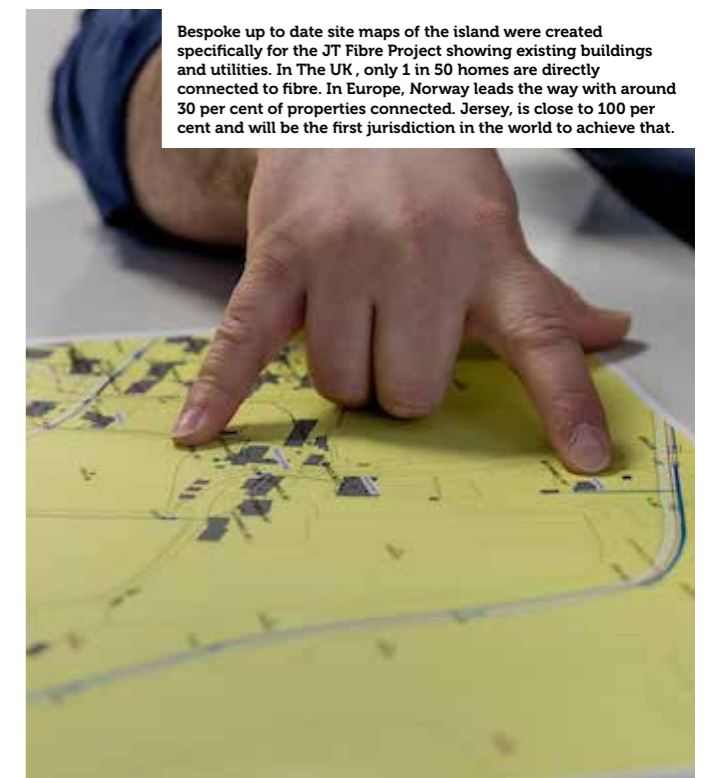
Darren Evans, reviewing installation team resource numbers or planned work.



JT's Call Centre team are the first point of contact for all our customer queries, they also manage the scheduled appointments for fibre installation and work with customers to ensure everything runs as smoothly as possible.



Fibre trays at the exchange, a far cry from the look of the first exchange opened in Jersey by the National Telephone Company in 1895.



Bespoke up to date site maps of the island were created specifically for the JT Fibre Project showing existing buildings and utilities. In The UK, only 1 in 50 homes are directly connected to fibre. In Europe, Norway leads the way with around 30 per cent of properties connected. Jersey, is close to 100 per cent and will be the first jurisdiction in the world to achieve that.



PICTURE THIS...

Richard Beaugie, Head of Gigabit, Daragh McDermott, Director of Corporate Affairs and Fibre Engineer Alindo Pessego overseeing the removal of the old copper network at La Collette enabling the installation of fibre.



PICTURE THIS...

Since the Fibre project began in 2013 JT Engineers have rolled out over +3,000km of fibre cable to over 35,000 premises island wide.



Engineer Graham Wray carries out fibre splicing and testing, simply put, fibre optic splicing involves joining two fibre optic cables together.



It may look like a stick of candy rock but this colourful cable is the fibre that will revolutionise the way we work and live in the future.





PICTURE THIS...



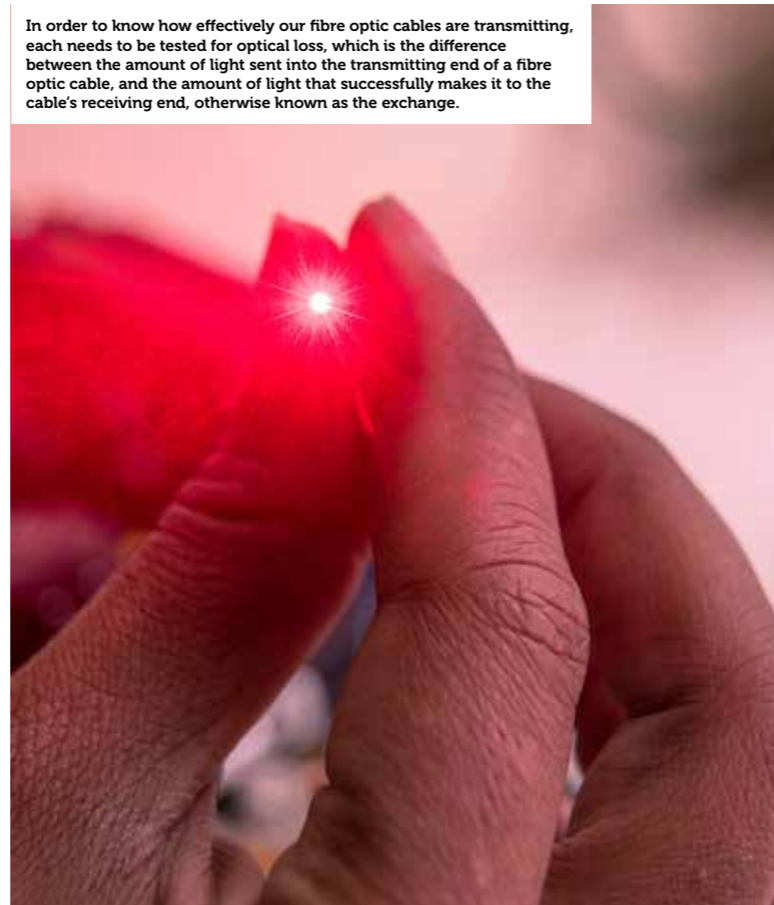
The network laying has taken our teams through many interesting tunnels, and terrain in all weathers, but that hasn't hampered this programme which is due to complete on schedule with 95% of Jersey's broadband customers now on fibre.



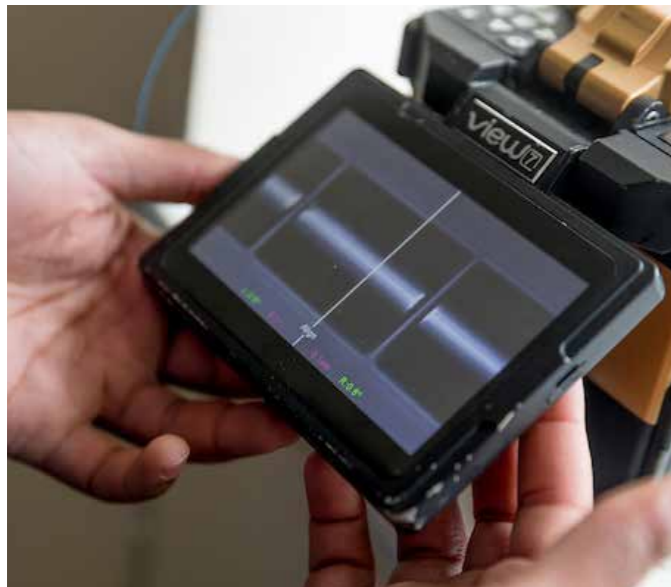
JT has created over 100 new jobs locally since the project began.



Copper is being replaced by fibre cables, now enabling, on average, 15 devices per home in Jersey to be connected at any one time.



In order to know how effectively our fibre optic cables are transmitting, each needs to be tested for optical loss, which is the difference between the amount of light sent into the transmitting end of a fibre optic cable, and the amount of light that successfully makes it to the cable's receiving end, otherwise known as the exchange.



PICTURE THIS...



The end of the journey is customer installation, our JT engineers will discuss with you where you'd like the equipment to be installed, using the same ducting that was used for the now obsolete copper line. They are also able to help explain the benefits of using fibre and the opportunities it opens up. And if they make a minor mess, we've trained them to clean up afterwards too.

