

# ENGINEERING PROJECT OF THE YEAR

Future proofing Guernsey's infrastructure



## JT's 4G Network Project



Independently tested, JT's 4G Network is officially the fastest in Guernsey.



£12m

£12 million was invested in the network, which combined with JT's investment in a fibre network for Guernsey make it our largest engineering investment to date in Guernsey.



Improved 2G 3G

We replaced all of our network equipment, meaning we are now also delivering significantly improved 2G and 3G services.



Mobile workforce

Our 4G Network is facilitating a mobile workforce with average speeds on JT's network now seeing top speeds of 212 mbps, some 58% faster than UK average.



Future proofing

This network can easily be upgraded for when the next generation of mobile technologies, such as 5G, are introduced.



97%

Our 4G Network covers 97% of Guernsey and Alderney. Providing greater landmass coverage than EE in the UK, who recently stated their commitment to reach 95% coverage by 2021.

## JT's Fibre Network Project



50km

50km of fibre laid.



£7m

£7 million of investment so far into the project.



46

46 government sites, including schools and the hospital connected to fibre.



Connected customers

Many residential and business customers are now connected to the JT Fibre Network as our pilot roll out continues.



No buffering

No buffering, faster and smoother downloads. Increases productivity.



Fibre Optic Cables

JT's fibre optic cables are developed for the future, with the ability to increase capacity as data usage grows.

### Final piece of fibre-optic States network laid by JT

by Nick Mann

JT has laid the final piece of a 50km fibre-optic network, marking the completion of the States of Guernsey's fibre-optic network. The network will provide high-speed internet access to all government departments and public services. The project was a major undertaking for JT, involving the laying of 50km of fibre-optic cable across the island. The network will be used to provide high-speed internet access to all government departments and public services. The project was a major undertaking for JT, involving the laying of 50km of fibre-optic cable across the island.



### 4G passes to JT

JT has taken full control of its Channel Islands-wide 4G mobile network. The system, which provides super-fast mobile internet access, was handed over to the telecoms company by contractors ZTE this week following months of testing. Jersey's 4G network was launched last February and Guernsey's last June.



"One St Julian's Avenue is the number one address in Guernsey and from the very beginning we anticipated the desires of potential buyers, including their communications needs.

As soon as we were aware of our investment in fibre-optic broadband in Guernsey we knew it was essential to make this service available in this particular development. Every step of the way JT has worked with us to ensure seamless installation and ongoing support to deliver the very best service for our new residents.

We're thrilled to offer the first fibre-connected apartments in Guernsey and thank JT for their commitment to bring innovative products and services to Guernsey."

**CHARLES MCHUGH**  
DEVELOPERS STRATEGIC DEVELOPMENT PARTNERSHIP

JT's 4G and Fibre engineering projects are JT's largest undertaking in Guernsey and together they represent a substantive investment in Guernsey's digital future and the infrastructure of the island.

For more information visit [www.jtglobal.com](http://www.jtglobal.com)

**JT**  
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