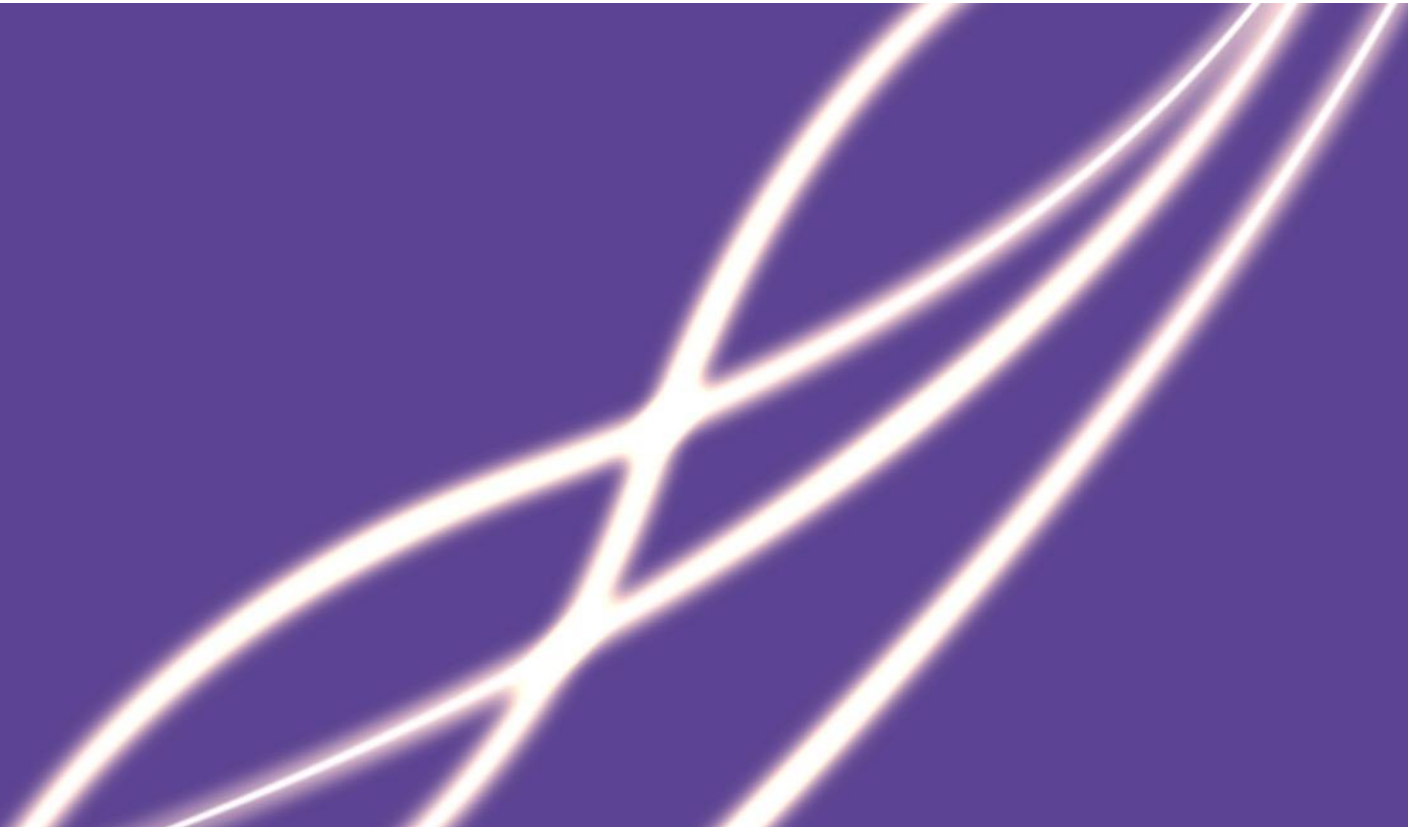


## Data Centres

Last updated March 2018



A data centre is a secure building where customers can purchase rack space and power to house and power their servers and equipment. Customers can also buy pre-equipped racks with servers built-in.

Data centres can be used as backup storage or processing facilities for many types of data. If customers have a high demand for services, a customer may have designated secure cage within a data centre. Data centres typically have complex security requirements for access to sites and to carry out work.

Ordering circuits within data centres can be complicated, Time consuming and frustrating for both Openreach and the customer. And can impact time to serve and predictability.

What are we doing about it?

- This guide is designed to simplify some of the common issues which are frequently seen that cause rework and delays.
- The guide also gives an overview of typical data centre layouts for fibre based orders. So you can select which one is applicable to the order you're raising.

Two of the biggest issues we see with Data centres are the incorrect NTE being ordered, and the wrong or no interconnects being ordered.

### Interconnects

So what's an interconnect? An interconnect or Cross-connect can either be a single mode fibre cable or a copper Ethernet cable provided across the data centre to link services up. An Interconnect usually is provided by the data centre at a cost to the customer. If the Openreach service is terminated in a meet me room and your router is located elsewhere within the data centre, you will need an interconnect.

So what's the issue with interconnects? We often receive no interconnects ordered, or the wrong type ordered which are out of limits to work. This results in stranded orders and customer cancellations.

“Slide 5” explains the different delivery types into date Centres.

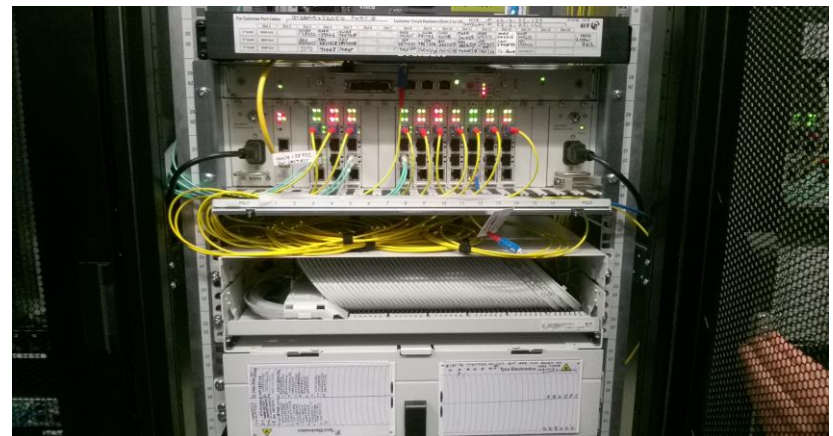
The NTE(Network Terminating Equipment) is the fibre equipment placed in a rack in the data centre to provide the connection between the telephone exchange and the customers site. There are a number of different types and the correct one needs to be ordered.

So what's the issue if I order the wrong NTE ? if the incorrect NTE is ordered and its not picked up the order will have to be cancelled and reissued and can add up to 30 days to the delivery time. The two main examples of NTEs are shown below: the 1u NTE on the left support one customer circuit per box. On the right the 4U rack shown supports 15 customer circuits.

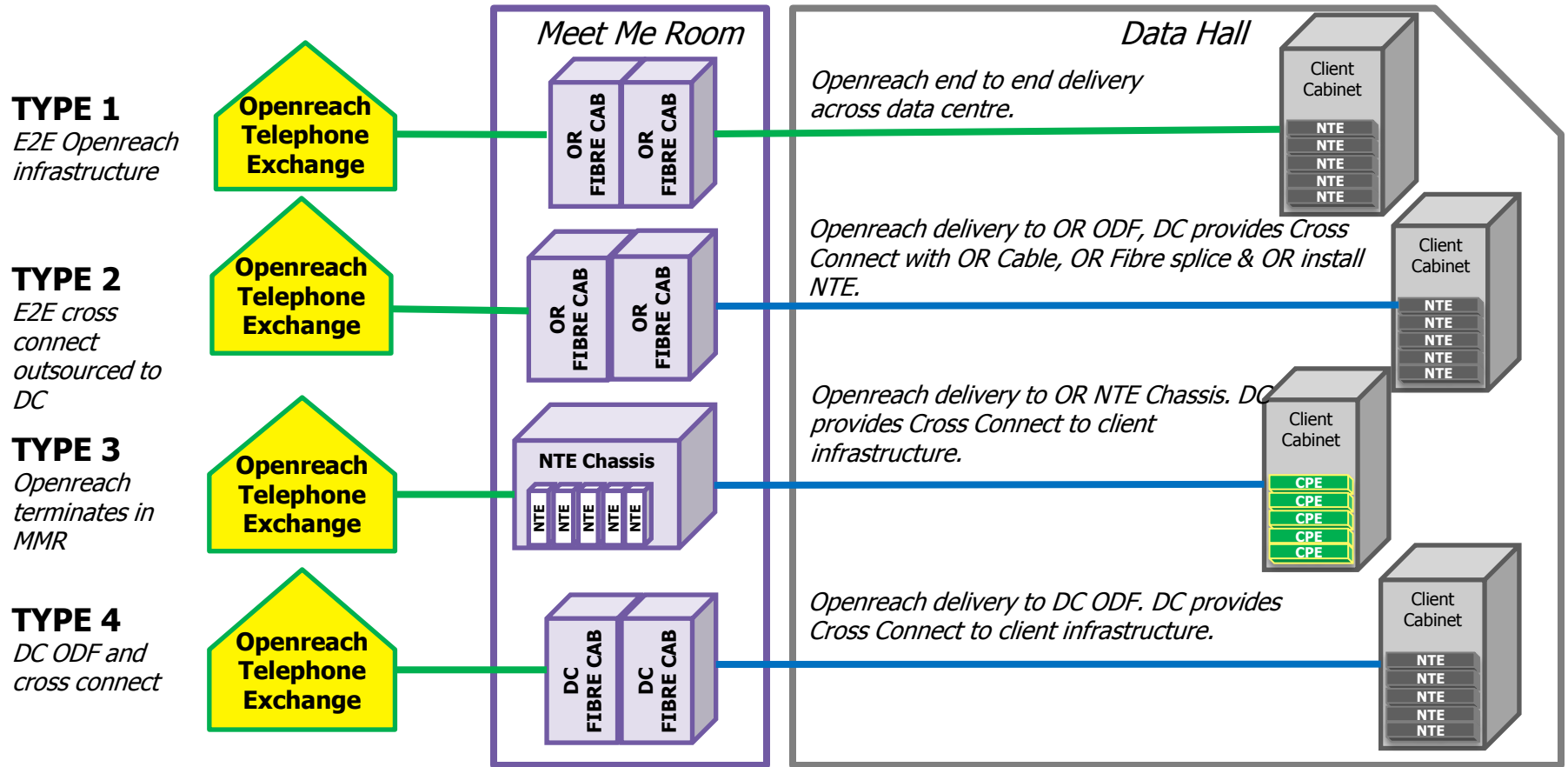
2x 1U Openreach NTES in a customer cabinet



A 4U Openreach rack in a meet me room holds 15 cards



**If you're ordering into a meet me room normally you would order a 4U NTE, if it's for a customer rack a 1U will be used check before ordering!**



For any queries relating to the Openreach Ethernet portfolio, please contact either your sales specialist or sales and relationship manager.

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