

# A to Z guide to the Ethernet Pricing Tool API - version 5

Explore the key features and benefits of the latest version

The Ethernet section of the BT Wholesale Pricing Tool provides several ways of obtaining quotes across most variants of the Ethernet portfolio for both access types (Etherway) and Virtual Local Area Network (VLAN) bandwidths (Etherflow) and for E-Line and E-LAN arrangements.

The Pricing Tool provides fast and effective, simple step-by-step choices that allow you to refine your quotes to meet your specific needs through Single or Quote Builder options, along with a high volume bulk quote capability that will deliver your prices in seconds.

This handy A to Z guide provides you with a quick insight into many of the fascinating facets of the most recent version (v5) of our Pricing Tool. Please browse through it at your leisure or use it as a reference guide if you need information about any specific details.



## API

If you've used the Application Programme Interface (API) for our Pricing Tool previously, it will be well worth migrating over to the new version 5, which has a range of exciting new features and capabilities that you can access. If you haven't used the API before, try it out now. It's easy – you won't have to log onto another BT system to access the Pricing Tool. To access the new version, email [wholesale.pem@bt.com](mailto:wholesale.pem@bt.com) (see 'PEM' for more details).

## Access Pricing Offers

We regularly have special offers across our wide range of industry-leading Etherway access options.



## Bandwidth increases for router bundles

You might want to increase the bandwidth of your router bundle in the future. Two of our bundles are upgradeable via a licence, so you can upgrade the router at a later date when the bandwidth increases. Alternatively, if you know that you'll want to increase the bandwidth significantly in the future, you can choose a router that's aligned with the bandwidth you'll need.



## CPE

Did you know that we can supply a wide range of customer premises equipment (CPE) as stand-alone individual solutions or bundled with our Ethernet Access products? (See 'Router Bundles' for more information).



# D

### Data centres

Etherway Data Centre Connect (DCC) provides 1Gb and 10Gb (subject to availability) fibre hand-off via a patch panel from a BT switch co-located in the Data Centre. The key benefits include lower cost, shorter lead times and within-tariff resilience through the dual parented infrastructure supporting the Ethernet switch. The prices are on the Pricing Tool, which also offers:

- Fibre delivery category indicator, supporting indication of provision lead times
- Indication of likely Excess Construction Charges (ECCs) and potential values (where applicable)
- Fibre node availability



# E

### Etherway OSA

Our new 10Gb access option, based upon OSA (Optical Spectrum Access), will provide greater flexibility, increased reach and more efficient pricing. For further information, please contact your Account Manager or the product line.

### Etherway fibre rental reductions

Check out our latest offers on rental reductions (see also 'Access Pricing Offers').



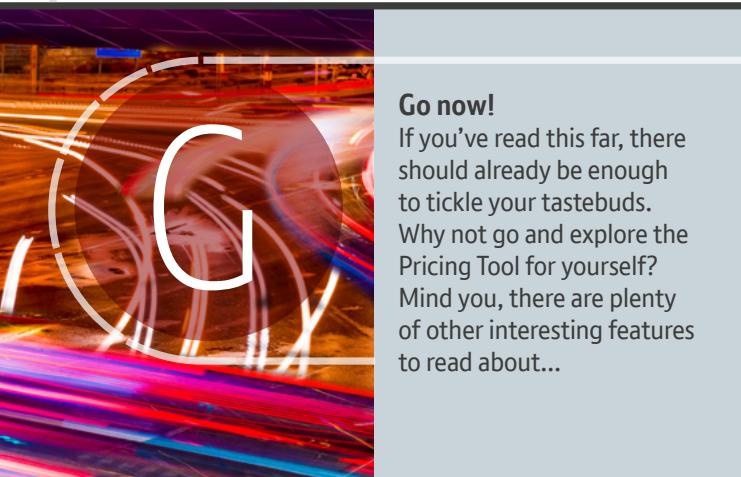
# F

### FAT

Flow Aware Transport (FAT) is a new network feature that helps to ensure the high-quality, end-to-end delivery of your traffic when consuming our new large 1.5Gb, 2Gb and 2.5Gb Etherflow options. Why not take a look in the product handbook for more information? Or just simply call your Account Manager.

### FortiNet Firewall router bundle

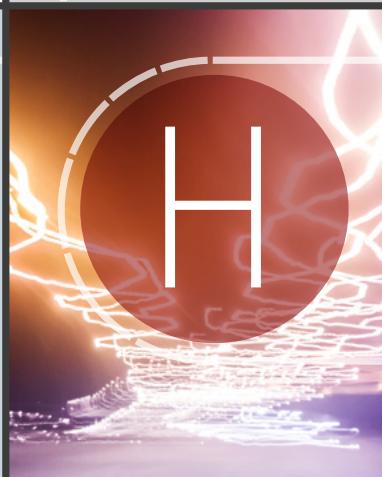
We offer very attractive commercials for our FortiNet Firewall router bundle, even if you already have FortiNet Gold Partner status. Our bundle also offers a full range of services so that you can pick the ones you need whilst taking advantages of the economies of scale we provide.



# G

### Go now!

If you've read this far, there should already be enough to tickle your tastebuds. Why not go and explore the Pricing Tool for yourself? Mind you, there are plenty of other interesting features to read about...



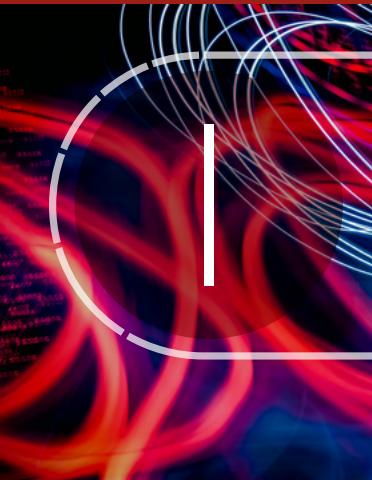
# H

### High bandwidth

We've developed three great new high bandwidth Etherflow VLAN options: 1.5Gb, 2.0Gb and 2.5Gb VLANs. These will carry your traffic across our network more efficiently than ever. A suitable 10Gb Etherway access is needed at each end. Initially, the new Etherflows will only be consumed by E-Line (ETHC); E-LAN (ETHD) won't be supported at first.

### High bandwidth Etherways

Following the removal of WES10000 from new supply by Openreach (see 'WES10000'), check out our improved Etherway 10Gb OSA options, with better pricing, increased scalability and speed, and cheaper upgrades.



### Indicative data

These include: the **Indicative Order Category**; **Indicative Excess Construction Charges (ECCs) – In or out of Tariff**; and **Fibre Present and TNode Capacity**. The data are indicative but by providing this information at the quotation stage, you'll enjoy greater insight and data about circuit delivery timescales and any additional costs.

### Installation of router bundles

If you need a router bundle installed, you can order connectivity and hardware via the normal Eco+ channel.



### Juniper equipment

We can provide router bundles that use Juniper equipment – we have a range of Juniper bundles available for standard service. These can also be ordered at the same time as your connectivity requirements.



### Keep reading

There's still lots of information to come – so keep on tracking through the letters of the alphabet to find out more!



### Large Etherflow

We have launched large Etherflows across our Wholesale Ethernet portfolio. The new high bandwidth options will be 1.5Gb, 2.0Gb and 3.5Gb VLANs (see also 'High bandwidth'). For more details, please speak to your Account Manager.



### Managed Install

Managed Install is a set of processes and services that have been combined together, enabling BT to install hardware whilst deploying connectivity. The key features include: a single order journey; stock management (including stock hold, warehousing and delivery); pre-stage for CPE; onsite install and testing; and co-ordination with connectivity ordering.



### Nodes

561 new fibre Ethernet nodes have been added to our network during 2016, with more still to come. We're also increasing our next-generation fibre (GEA) footprint where demand dictates. If you have a customer who isn't currently showing as Fibre to the Cabinet (FTTC)-enabled for Ethernet, please contact your Account Manager or the product line to discuss this.



# O

### On Net flag

'On Net' is an exciting new feature that indicates the geographical locations where we have a fibre presence. These will probably be classed as CAT 1 delivery types and will therefore be quick to deliver (see 'Order categories' below). We're starting with the Central London Area (CLA) and will add further locations as they become available.

### Order categories

Circuit Category	Definition	Expected provision lead time*
Cat 1	Standard delivery	33 working days
Cat 2.1	Local end cabling with no duct work required	60 working days
Cat 2.2	Local end cabling with duct work required	83 working days
Cat 3	Spine cabling required	93 working days
Cat 4	Core cabling required	55 working days

\* These timescales are for indicative and illustration purposes only



# P

### PEM

Access the Pricing Tool API via the PEM team at [wholesale.pem@bt.com](mailto:wholesale.pem@bt.com). They will take you through the various gates (certificates, OnRamp testing, etc.). The PEM team will supply all of the relevant guides and will provide access to the system. Alternatively, contact your Account Manager for help with arranging access.

### Quotes

The Pricing Tool offers options of Single Quotes or Quote Builder. These enable you to refine your quotes so that they'll meet your specific needs. There's also a high-volume bulk quote capability that will deliver your prices in seconds.

### Quotation stage

We're making additional data available to you at the initial quotation stage. For instance, we'll flag if a Central London location matches an Openreach dataset, with details of all locations where fibre exists (which should therefore be a CAT1 Ethernet delivery). This will identify where the Ethernet provision lead time is likely to be short, which will inform supply decisions and will help us to manage your expectations. (Also see "On Net").



# Q

### Router bundles

These enable you to order CPE at the same time as connectivity. Our router bundles complement our connectivity products, especially Ethernet. Each bundle is fixed to a Cisco router that's mapped to an Ethernet or broadband product and circuit throughput level. You can also choose from the following four added-value service options: maintenance, configuration, installation and management. When ordering a router bundle, you'll need to provide a Purchase Order with details of the bundle required, the charge and the required delivery date and address.

If you need help with creating a configuration for your router bundle, we can provide a quote to build it to your specifications. For your own pre-existing configuration there will also be a £50 charge to put it on the required router prior to dispatch to your site.



### So far, so good...

We've already told you about many fascinating aspects of version 5 of the Pricing Tool API. Carry on reading to discover a few more...

### Tailoring bundles

If you want to add service options to your router bundle, these are provided sequentially – maintenance, then configuration, then installation, then management. So, for instance, you can't choose configuration without also choosing maintenance.

### Unique Property Reference Number (UPRN)

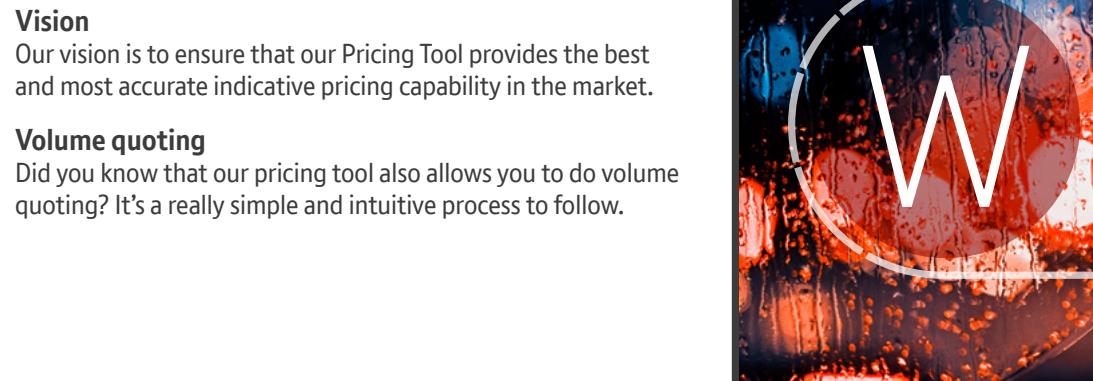
The new version of the API will soon enable you to search for an address using the UPRN. This is a code that identifies specific geographical locations down to a lower level than just the street address. It can be used to subdivide shared buildings and can even be associated with cash points and other unique properties to aid localisation in the delivery of technology and connectivity. UPRNs are issued by local government bodies from the number ranges provided to them.

### Vision

Our vision is to ensure that our Pricing Tool provides the best and most accurate indicative pricing capability in the market.

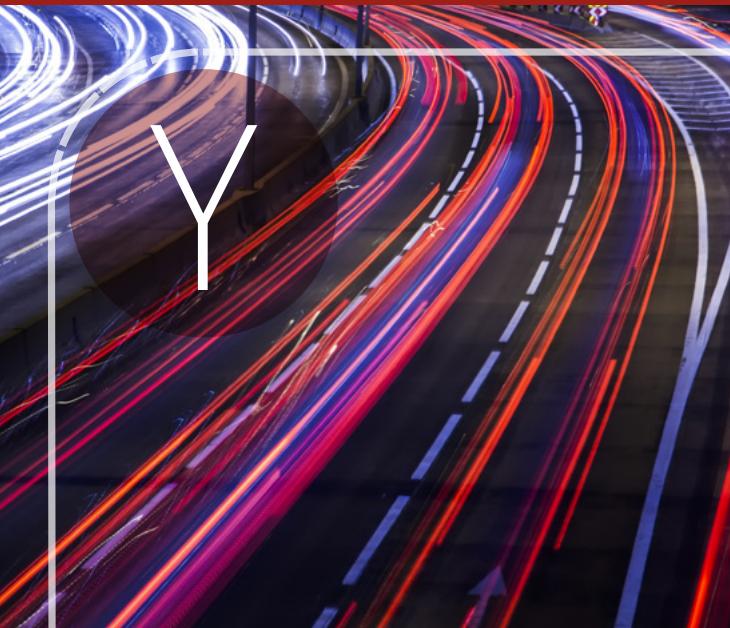
### Volume quoting

Did you know that our pricing tool also allows you to do volume quoting? It's a really simple and intuitive process to follow.



### WES10000

Etherway WES10000 was withdrawn from new supply at the end of September 2016. Please choose from one of the alternatives available: these include Etherway 10Gb (OSA), Exchange Connect or Data Centre Connect. For more details please speak to your Account Manager.

**Xciting developments**

Forthcoming planned developments for our Pricing Tool include the ability to search for an address using the UPRN (Unique Property Reference Number) plus a view of the BT Wholesale On Net capability, based upon our suppliers' information. Keep watching for other Xciting new future developments!

**You**

The recent changes to the Pricing Tool - and the forthcoming developments - have all been planned to make life easier for you. If there's something that you feel we could do even better, please let us know!

**Zoom along and try it out**

So, if you haven't tried the new API version of our Pricing Tool, what's stopping you? Try it out today – there's lots still left to discover...

The information in this publication was correct at time of going to print. We may make minor alterations to the specifications of products which do not affect their performance, and may vary prices and delivery charges.

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