# ENGAGE PORTAL

# Online user guide

March 2019





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# 1. Hello and welcome...

Welcome to Engage. It's great to have the opportunity to work with you.

The world is becoming more complex. You need to extend the reach of your network, control costs and ensure the security of your business – all while adopting new ways of working.

We're not claiming that solving such complexities is simple. But now we're working together we hope that Engage makes it easier and faster for you to get what you need. Then you can use the solutions you choose to turn those everyday complexities into opportunities.

Delve into this user guide whenever you need help on the portal.



# 2. Getting Started

The Engage portal can be accessed from the following URL:

www.virginmediabusiness.co.uk/engage

Supported browser versions -

Chrome v31 and above

Firefox v25 and above

IE8 and above

Safari (Mac) v6 and above

A shorter, Quick Reference User Guide has been put together too. This can be located in the '**My Documents**' section of the Engage Portal, alternatively click on the following link:

#### **Quick Reference Guide**

Once you have launched the site, please follow the on-screen instructions.

### Login

At first login, you'll be asked several questions to personalise and secure your account.

You should have received an email from us containing a username and password. If not, please contact your system administrator.

Enter the login details provided – as indicated below – then click the "Login" button. Please note: your username and password are case sensitive.

By logging into and / or by using the Engage portal you accept and agree to be bound by the Engage Terms of Use (a link to the related document can be found near the bottom of the page).

Login:	
Username	
TestUser	
Password	
•••••	
Login	Forgot password?



# **Initial Login Password Reset**

Once you've logged in, you'll be prompted to reset your password. This is your chance to create a personal password that's a little easier to remember.

Password format requirements are as follows:

- Minimum of eight characters
- At least one digit
- One upper case letter
- One lower case letter
- One of the following special characters "@#\$%"

Change Password:
It must be 8 to 20 characters long with at least one digit, one upper case letter, one lower case letter and one of the following special characters @#\$%.
New password
Confirm new password
Change Password



## **Security settings**

We would like you to feel confident that any information you share with us will be kept safe. We ask you to apply some personal security to your account, so that only you, and additional users requested by you, can access your account.

Next you'll be asked to set your security questions and answers. Simply select your options from the drop down menus and create your personal answers.

You'll then be asked to provide a unique question and answer of your own, keeping things extra secure.

Make sure you store your answers somewhere safe, as they'll be used to confirm your identity if you need to reset your password in the future.

Set Security Questions:
Question 1:
What is your favorite food?
Please Select
What is the name of your first elementary/primary school? What is the name of your high school/secondary school?
What is your dream car?
What is your father's first name?
What is your favorite food? What was the name of your first pet?
What was your favorite toy as a child?
When is your father's birthday?
When is your mother's birthday?
Model Answer 2
Question 3: Please enter a question of your own
What your favourite meal of the day?
Answer 3: Please enter a response to the question you have chosen
Model Answer 3
Submit back to Homepage



Once you've set your security questions, you'll be directed to the Engage homepage. A message will display, confirming that your security question changes are complete.

Vou have successfully changed your security questions.					
•					
Vou have successfully changed your security questions.					
	ous ) ur monus ) Loo out				
Hi Chis. You have 0 New Planed Works	ages Hew Hessges and O Notices actus				
My Cooles         Track by order         Services/billy Chock         BP, only you will see					
Wy Documents     Raise Incident     Request New User     FAGe					

You can update your security questions at any time by clicking on **My Profile** and then select **change my Security Questions**.

### How to change your password

To change your password, select the change password option under the **My Account** tab. You'll now have a view on-screen similar to the box displayed below. Enter your new password and then re-enter for confirmation.

*Remember!* Password format requirements are as follows, minimum of eight characters, at least one digit, one upper case letter, one lower case letter and one of the following special characters " @ # \$ %".

Change Password:
It must be 8 to 20 characters long with at least one digit, one upper case letter, one lower case letter and one of the following special characters @#\$%.
New password
Confirm new password
Change Password

Now click "**Change Password**" to submit change. You'll be redirected to the homepage, where you'll receive a confirmation message at the top of the page advising password change has been successful.



# **Forgot your password?**

If you can't recall your password then at the homepage there is the option to request a reset.

Login:	
Username	
Password	
Login	Forgot password?

Then enter your username and you'll be emailed a link to reset your password.

Forgot Password:	
Please enter your username Username	
YourUserID	
Submit	back to Login

The email will take you to a page to answer your security questions and then you'll be able to enter a new password.



### Account locked?

After three failed attempts your account will be locked out. To gain access again, please contact your Engage administrator.

Where possible please request a password reset on a second failed attempt to login. Otherwise your account will lock on a third failed attempt.



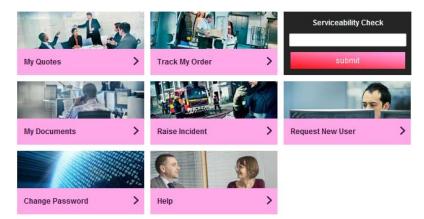
Throughout Engage you may see tool tips which offer additional information or guidelines. Simply mouse over the icon for details.

For example:



Enter a postcode or keyword to find your site quickly!

Also on the homepage you'll see quick links to common areas of the Engage site:

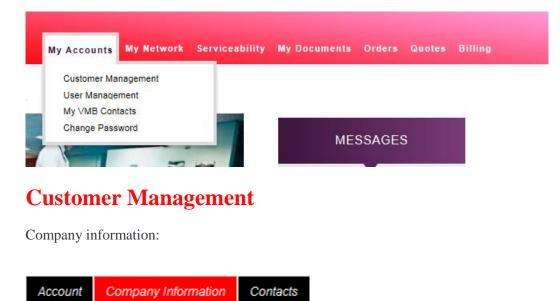




# 3. My Account

# **Good housekeeping**

You manage the information that we hold on your organisation, so it's important to keep the information in this section up-to-date, as it will be used to automatically populate the order forms. Accurate information will help to improve service delivery timescales.



If you wish to edit your company details:

- Choose "Customer Management"
- Then "Company Information"
- Update the details as appropriate
- Once finished click "**Save**" at the bottom of the screen



#### Contacts:

Account Company	/ Information Contacts		
Edit Customer - Cont	acts		
► Contact			view
Billing Contact			view
▼ Delivery			
Delivery Contact			
First Name*	First		
Last Name*	Last		
Email*	first.last@test.com		
Contact Tel*	01234 567890		
Contact Mobile	07777 123458	Chang	e Contact
* Required Fields			
Cancel			Finish

You can store different addresses for *billing*, *delivery* and *general* correspondence. Account information can be amended by updating the relevant field/s, then click "**Change Contact**" when you have finished making your changes.

Note: All fields marked with an asterisk are mandatory and must be completed in order to progress.

The functions described in this User Guide apply to most Engage users. The naming convention we've adopted for this type of user is a Standard User. However, every customer organisation also has at least one Super User who has additional rights and responsibilities. You'll find more details about these roles in the User Management tab.



# **User Management**

By selecting the "User Management" option, those with permissions (Super Users) can:

- Request new users
- Review and change an existing user's details
- Adjust roles/permissions
- Unlock user accounts
- Delete user accounts

BUSINESS				▶ номе	> MY PRO	DFILE	> LOG OUT
	My Accounts	My Network	Serviceability	My Documents	Orders	Quotes	Billing
My Profile My Profile	Customer Ma <u>User Manage</u> My VMB Cont Change Pass	ment tacts					

### **Create New User**

To create a new user, enter the user's details in the request new user section.

Ensure you select the Super User or Standard User from the "User Type" drop down menu. If you do not select a user type you will receive an error message preventing you from further navigation, until a selection is made.

User Details				
Request New User				
Select Contact				
User Details				
User First Name*	First	User Sumame*	Last	
User Email*	first.last@test.com	User Type	Please Select	
User Contact Information				
Department	Billing	Job Title	Accounts Payable	
Telephone	01234 567890	Mobile Telephone	07777 123458	
Office Location	UK	Office Floor	Ground	
* Required Fields				

Next you can set the required access levels for the user. You have five permission options available.



Tick the "Select All" box to choose all, otherwise tick each one according to your preference for example:

- View Network Capacity Management
- Raise and edit quotes
- Raise and edit orders
- Raise disconnection request
- Track progress of all orders
- Raise and edit incidents and requests
- View Planned Works
- View incidents and requests
- View bill online
- Raise change requests
- View change requests

#### Access Control

Save User

Permissions	
Select All	* III
Manage my details	
Register for My Bill	
View My Bill	Ŧ

To complete the user registration process or update a user, once you have clicked Save User you will need to click Finish to complete the process.

Click "Save User" to submit your request to the administrator. The new user will receive login details by email.

\*You can only choose the Network Capacity Management feature if your account has been activated for this permission – if this feature has not been enabled for you, simply contact your Account team with your request and they'll do the rest.



# **Update User Details / Permissions**

There may be times when you need to change the information or permissions that you have given your users.

Alongside the user's details on the right hand side of the list, click "**Edit**". Use the Search bar to search by name or navigate through the list using the directional arrows. Make your required changes then select "**Save**" – the changes will take immediate effect.

how 10 戻 entries			Search: teste	r
Name	Email	Username	Status	
A Tester	come opengripters prote	107141 TaskerA	ACTIVE	Edit Delete
3 Tester	charite represibility involution. A	10741 Taskell	ACTIVE	Edit Delete
C Tester	charite represibility investions at	10740 Tasket	ACTIVE	Edit Delete
Charile Testerson	charite regard graphene private	10740 Fieldmani	ACTIVE	Edit Delete
D Tester	mining angle generation a	374/1ww0	ACTIVE	Edit Delete
E Tester	jąra piradiĝirgimala an	37407aakeE	ACTIVE	Edit Delete
= Tester	jąra pitradzģirgirmila om	37457aak/F	ACTIVE	Edit Delete
3 Tester	jijnspiradiğurgirmila.om	10741 FielderS	ACTIVE	Edit Delete
H Tester	jereligen om	10740 Fasters	ACTIVE	Edit Delete
Tester	juwango.x	307143 (Taster)	ACTIVE	Edit Delete

### **Unlock a User Account**

To unlock a user account click "Unlock" then select "Finish" – the user account will now be active.

|--|



# **My Virgin Media Business Contacts**

If you need any direct support, just give us a shout! We know how your account works and will put you in touch with an account team representative to get things moving in the right direction.

Dentact us Delp Martin BUSINESS				▶ НОМЕ	) MY PR	OFILE	> LOG OUT
	My Accounts	My Network	Serviceability	My Documents	Orders	Quotes	Billing
My Profile	Customer Mai User Managei <u>My VMB Cont</u>	ment					
My Profile	Change Pass	word					

Under the Virgin Media Business Contacts section you will find the contact details for your support functions:

- Service Relationship Manager
- Billing
- Incidents
- Account Manager
- Support
- Orders and Provisioning

#### My Virgin Media Business Contacts

ervice Relationship Manager	Billing
me:	Name:
Service Relationship Manager	Billing Contact
Phone (Landline):	Phone (Landline):
Phone (Mobile):	Phone (Mobile):
Service Manager Email:	Billing Email:
ncidents	Account Manager
Name:	Name:
Fault Management	Account Manager
Phone (Landline):	Phone (Landline):
Phone (Mobile):	Phone (Mobile):
Incident Email:	Account Manager Email:
	Orders and Provisioning
Support	or doro and riveroning
	Name:
Name:	
Name: Support Management	Name:
Support Name: Support Management Phone (Landline): Phone (Mobile):	Name: Orders Provisions



## **Change Password**

To change your password, select "**Change Password**" under the My Account tab. A box will display onscreen, similar to that shown in the following screen shot. Enter your new password and then re-enter for confirmation.

BUSINESS				▶ НОМЕ	> MY PR	OFILE	> LOG OUT
	My Accounts	My Network	Serviceability	My Documents	Orders	Quotes	Billing
My Profile	Customer Ma User Manage My VMB Cont	ment					
My Profile	Change Pass	word					

*Remember:* Password format requirements are as follows:

- Minimum of eight characters
- At least one digit
- One upper case letter
- One lower case letter
- One of the following special characters " @ # \$ %"

Change Password:
It must be 8 to 20 characters long with at least one digit, one upper case letter, one lower case letter and one of the following special characters @#\$%.
New password
Confirm new password
Change Password

Now click "**Change Password**" to submit your changes. You'll be redirected to the homepage, where you will receive a confirmation message at the top of the page, advising that the password change has been successful.



# My Profile

You can update your security questions or user details at any time by clicking on "**My Profile**" at the top right hand section on the homepage.

CONTACT US HELP				> номе	> MY PRO		> LOG OUT
(Ningth mesia)							
BUSINESS							
	My Accounts	My Network	Serviceability	My Documents	Orders	Quotes	Billing

#### My Profile

My Profile	
Name *	Name of User
Username	307451KirkpatrickA
Department	
Office Location Office Floor Job title	
Email address*	· Users email address ×
Telephone	
Mobile	
Roles	Super User
User Type	External
Role	Super User
Company	TEST
BPT Customer ID	30745
* Required Fields	
Change my Security Questions	



# 4. Messages

# **Keeping you informed**

From time to time we'll send you information to keep you up-to-date with what's going on and any planned changes that may affect you. When you login to Engage, you'll see a message notification on the right hand side of the homepage.



When you click on the message link, messages will be displayed in list format.

#### My Messages

My Messages		
Show 10 💌 entries		Search:
Date	Subject	Message Status
23/09/2014 17:24	Helo you guje!	Unread
23/09/2014 17:23	Lock at what a swarky message I am!	Unread
19/09/2014 11:27	Just Welcome	Unread
18/09/2014 12:49	My recert message	Unread
15/05/2014 09:47	Sec. 1	Unread
12/05/2014 15:53	Charlie - helio all et cueloners	Unread
12/05/2014 15:53	Charlie - helio TA1	Unread
22/11/2013 10:51	Hi every user! It's a 3.1 test!	Unread
22/11/2013 10:45	Helo/ It's a 3.1 Test	Unread
20/11/2013 09:17	Teel Message 87516068	Unread
	Showing 1 to 10 of 18 entries << > >>	

Select the message you would like to read by clicking on the subject field.



You can now read the content of your message on-screen. The status of the message will show as having been read and will be automatically stored for future reference.

The Planned Works messages function in the same way, please see section later in this document.



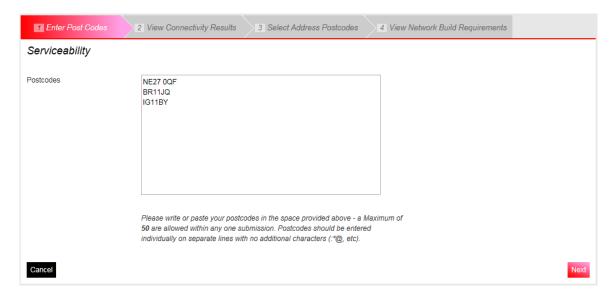
# 5. Serviceability

### Are you within easy reach?

The Engage portal has been designed to make doing business easier, faster and more flexibly. Serviceability checks can now be performed instantly – saving you valuable time and helping us work together, smarter.

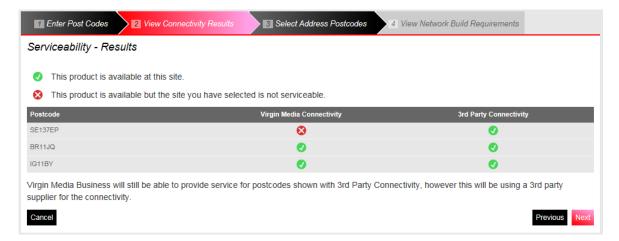


To verify site serviceability i.e. whether you are on-net or off-net, please enter the postcodes of each of your sites, to check whether you are within reach.



Simply type in the postcode(s) – you can check up to 50 postcodes per search.

Click "Next" to view results of the available connectivity for those postcodes.





One of the following two connectivity options will be displayed on-screen:

- Virgin Media Connectivity
- 3<sup>rd</sup> Party Connectivity

Click "Next" to continue.

Enter Post Codes	2 View Connectivity Results 3 Select Address Postcodes 4 View Network Build Requirements		
Serviceability - Virgin M Please select an address for e	Vedia Business Connectivity each post code;		
SE137EP *	VIRGIN MEDIA STORE UNIT 68 LEWISHAM CENTRE LONDON		
BR11JQ *	VIRGIN MOBILE 101 HIGH STREET BROMLEY		
IG11BY *	Select an Address		
* Required Fields			
Cancel		Previous	Next

Select from the drop down list of full postal address/es for each of your entries, then click "Next" to submit.

1 Enter Post Codes	2 View Connectivity Results	3 Select Address Po	ostcodes 4 View Network	k Build Requirements	
Serviceability - Virgin	n Media Business Conr	nectivity Results			Export to CSV
This product is available	able at this site.				
8 This product is availa	able but the site you have sel	lected is not serviceable.			
Address	Postcode	Ethernet	Cable Modem	Ethernet Lite	Broadband WBC
VIRGIN MEDIA STORE UNIT 6 8 LEWISHAM CENTRE LOND ON	SE137EP	Virgin Media Civils Required	Virgin Media Civils Required	✔ Third Party Tail	8
VIRGIN MOBILE 101 HIGH ST REET BROMLEY	BR11JQ	Virgin Media Site Connected	Virgin Media Site Connected	✔ Third Party Tail	8
VIRGIN MEDIA STORE 112A H IGH ROAD ILFORD	IG11BY	Virgin Media Site Connected	Virgin Media Site Connected	Third Party Tail	✔ Third Party Tail
Cancel					Previous Finish

Results are displayed on-screen, showing if network is readily available for connection, or whether further work will be required to get you up and running.

Click "**Finish**" when your search is complete. You'll be redirected to the homepage and a message will display, confirming that your request is complete. The serviceability result includes the access types available at the site so that you know if broadband, ethernet and SDH is available prior to raising a quote.

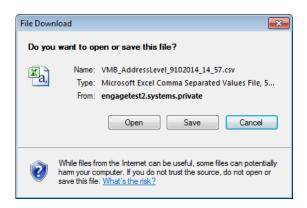


#### Export to CSV

At the top right hand corner of the screen there is an option available to export to CSV format for future reference as per the example below. If this is required, click "**Export to CSV**".



Your document storage options are now displayed:



#### Below is an example of the CSV export:

	А	В	С	D	Е	F	G	Н	1
1	Address	Postcode	SDH	Ethernet	ADSL	ADSL2+	Cable Modem	Ethernet Lite	BroadbandFTTC
2	VIRGIN MOBILE 101 HIGH STREET BROMLEY	BR11JQ	Yes	Yes	Yes	Yes	Yes	Yes	Access Type not available at this site.
3	VIRGIN MEDIA STORE 112A HIGH ROAD ILFORD	IG11BY	Yes	Yes	Yes	Yes	Yes	Yes	Access Type not available at this site.
4	VIRGIN MEDIA STORE UNIT 68 LEWISHAM CENTRE LONDON	SE137EP	Yes	Yes	Yes	Yes	Yes	Yes	Access Type not available at this site.



# 6. Quotes

#### Quotes

Create Quot	e				
Point to Point	Ethernet	Point to Point Postcode Level	VPN	Managed Internet Access	Broadband and Phone
Saved Quotes	My Sites				

In this section you can raise and view quotes for a number of products and service types. Each section details the associated products, and will provide guidance on the requirements to submit your quote successfully.

All of the sites you've added during the quote and order process are available in the "**My Sites**" section. These include:

- Site a physical location (building or office) used by your organisation
- POI (Points of Interconnect) "Your POI" is a POI set up especially for your organisation. The "Telehotel" is a POI that any customer can use

You're able to store details of your company's hubs and key sites. This will help you to speed up the quote and order process since the information you have entered will automatically be populated into the order form. Any information that has been saved and stored for each site can be used and accessed by all users in your company. It's therefore important to get all the details right first time.



# **Create Quote**

Select Create Quote from the Quotes drop down box.

BUSINESS				▶ номе	> MY PR	OFILE > LOG OUT
	My Accounts	My Network	Serviceability	My Documents	Orders	Quotes Billing Create Quote Point to Point Ethernet Point to Point Postcode Level VPN Managed Internet Access Broadband and Phone Saved Quotes My Sites

Under the **Quotes** tab you can select from the following:

- Point-to-Point Ethernet
- Point-to-Point postcode level
- VPN
- Managed Internet Access
- Broadband and phone

**Note:** To find out more about our products, please refer to the Products & Configuration section. If there are products you can't see but you're interested in, please speak to your Account Manager.



# Site-to-site Quote

Here is an example of how to request a **Point-to-Point Ethernet** quote:

1 Sites	2 Serviceability	3 Configuration	4 Site Configuration	5 Saved Quote(s)	
					Show helpful info
Site Selecti	ion				
Please select	the sites you wish to	use to prepare a que	ote.		
Add 1 A	end site.				
• For a sit	te to site quote, add	1 B end site			
<ul> <li>For a sit</li> </ul>	te to multi-site quote	add more B end site	es.		
Choose an	A End Site:				
Choose which	type of site to define	as site A			
Existing P	oint of Interconnect	POI)			
<ul> <li>All other s</li> </ul>	ites/addresses (Non	-POIs)			
Current sto	red POI sites:	Filter:			
POI Site	_		Add		
Test Account 1 -	NNE - Your POI		Add +		
E14 2AA - Londo	n Telehouse East - Teleho	otel	Add +		
E14 2AA - Teleho	ouse 2 (Adjacent to T1 ) -	Telehotel	Add +		
E14 9FJ - Redbu	s Interchange London 2 -	Telehotel	Add +		
E14 9GE - Londo	on Telecity 2 (Harbour Exc	h) - Telehotel	Add +		
E14 9GE - Redbu	us Interchange London 1 -	Telehotel	Add + 🗸 🗸		
	Showing 1 to	22 of 22 entries			
Cancel					Next
Cancel	Showing 1 to	22 of 22 entries			Next

If you have a POI (Point of Interconnect) you'll be able to select this as you're A-End, by clicking '**Add**' next to where it says '*Your POI*'. All of your POI sites will be available to select from the list, use the filter box to quickly find the one you need for your quote.

If you do not have a POI you can search for an A-End by selecting 'All other sites/addresses' (Non-POI)' and entering your postcode and selecting your address.



Once you have selected your A-End you will need to select your B-End(s):

1 Sites	2 Serviceability	3 Configuration	4 Site Co	nfiguratio	on 5 Saved Quote(s)		
							Show helpful info
Site Selec	tion						
The A End	l Site you have s	elected is:					
Address			Change Site A				
	GIN MEDIA 10-14 BARTLE	TY WOOD BUSINESS	onango ono ri				
PARK BARTLE		1 WOOD BOOMESS	Change				
Site B Sel	ection:						
Search for a							
	the full postcode.						
	une fuil posicode.						
B26 3RZ		Search					
Current st	ored sites	Filter:			The B End Sites you	i have selecte	ed are:
B End Addres	s		Add		Address		Remove All
B263RZ - Sit	e Address			~	B263RZ - Site Address		Remove
			Add +			Yo	u can select a max of 50 sites.
B263RZ - Site	Address		Add +				
B263RZ - Site	Addasas						
6203RZ - 510	Address		Add +				
B263RZ - Site	e Address		Add +				
B263RZ - Site	Address			$\sim$			
	Showing 1 to	14 of 14 entries					
Site not found	d? Please contact you	ir Account Team.					
Cancel							Next

Enter your postcode and click 'Search'

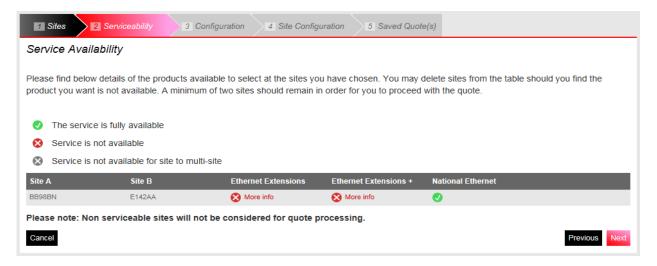
Select your B-End(s) by clicking 'Add'

If you want to prepare a Site to Multi Site quote then simply keep selecting and adding B-End sites

Once you have both an A-End and a B-End(s) selected click 'Next'



The serviceability results for your chosen sites will now be displayed to help you understand which products are available. Click "**Next**" to move onto the next step.



You'll now be able to select the **Product** for which you wish to prepare a quote.

The Quote Name field is automatically populated with your company name to save you time. You can however type over the pre-populated names. It's a good idea to agree a naming convention so that all quote names follow the same format. This will make it much easier for all your users to find and identify saved quotes in the future.

1 Sites 2 Serviceabil	ity Configuration 4 Site Configuration 5 Saved Quote(s)
Select Product *	National Ethernet
Quote Name *	TEST
Contract term *	1 Year
	2 Years
	☑ 3 Years
	4 Years
	S Years
Billing Frequency *	Quarterly
Reporting	Advanced Reporting
Edge QoS *	No
Layer 2 Control Protocol *	No
Is A End site an existing ENNI? *	Yes
Specify ENNI bearer bandwidth *	10 Gbps
* Required Fields	
Cancel	Previous Next

Next select the Contract term and Billing Frequency, Edge QoS and Layer 2 Control Protocol options. For POI sites that have an ENNI enabled, you'll also be asked to select the correct option.

Please then choose "Next" to proceed.



Sites     Serviceability     Gonfigure	ation Site Configuration 5 Saved Quote(s)
A End Site Configuration RG279UP VIRGIN MEDIA 10-14 BARTLEY WOOD BUSINESS PARK BARTLEY WAY HOOK Please note that the A end bearer bandwidth must be greater than or equal to the highest B end Site bandwidth. Bearer Bandwidth* NTU*	B End Site Configuration         RG279UP VIRGIN MEDIA 10-14 BARTLEY WOOD BUSINESS PARK BARTLEY WAY HOOK         Select either a default configuration or create your own custom configuration. To proceed to quote results click Next.         Please note: incompatible options are hidden.         Default*         10 Mbps / 10 Mbps / Alcatel 8 Port         10 Mbps / 100 Mbps / Alcatel 8 Port
* Required Fields	100 Mbps / 100 Mbps / Alcatel 8 Port     100 Mbps / 1 Gbps / Alcatel 8 Port *e.g. Circuit Bandwidth 10 Mbps, Bearer Bandwidth 10 Mbps, NTU Alcatel 8 Port Create Custom Configuration Previous Next

- Configure an A-End by selecting: Bearer Bandwidth NTU
- Selecting the bearer and NTU values will reduce the list of available options for your B-End site making it easier for you to select the correct options
- Next configure your B-End
- Choose one of the default configurations or create a custom configuration by clicking on **Create Custom Configuration**
- Select an A-End and click 'Apply Configuration'

If you have selected multiple sites for your quote then you'll see these displayed in a table below the available configurations. Simply select the configuration you want for each of the sites and either apply the same configuration to all sites by using the **Select All** feature or apply to multiple or single sites by ticking the box next to the site and clicking on **Apply Configuration**.



If you do make a mistake, you can select a site or sites using the tick and click on **Remove Configuration**.

Configuration		Show helpful info
A End Site Configuration	B End Site Configuration	
RG279UP VIRGIN MEDIA 10-14 BARTLEY WOOD BUSINESS PARK BARTLEY WAY HOOK	Select a configuration: Default*	
Please note that the A end bearer bandwidth must be greater than or equal to the sum of the B end Site bandwidths.	<ul> <li>10 Mbps / 10 Mbps / Alcatel 8 Port</li> <li>10 Mbps / 100 Mbps / Alcatel 8 Port</li> <li>100 Mbps / 100 Mbps / Alcatel 8 Port</li> </ul>	
Bearer Please Select Bandwidth* NTU* Please Select	<ul> <li>100 Mbps / 1 Gbps / Alcatel 8 Port</li> <li>1 Gbps / 1 Gbps / Alcatel 8 Port</li> <li>*e.g. Circuit Bandwidth 10 Mbps, Bearer Bandwidth 10 Mbps, NTU Alcated</li> </ul>	tel 8 Port
* Required Fields	Create Custom Configuration         Remove Configuration           Postcode Address         B End Configuration	Apply Configuration
	RG279UP VIRGIN MEDIA 10-14 BARTLEY WOOD BUSINESS PARK BARTLEY WAY HOOK	
	RG279UP VIRGIN MEDIA 10-14 BARTLEY WOOD BUSINESS PARK BARTLEY WAY HOOK	
	RG279UP LENOVO 240 BARTLEY WOOD BUSINESS PARK BARTLEY WAY HOOK	
	B263RZ EAGLE 2 HATCHFORD WAY BIRMINGHAM	
	B263RZ EAGLE TWO HATCHFORD WAY BIRMINGHAM	

Please click "**Next**" to proceed.



Sites 2 Serviceability	3 Configuration 4 Site	e Configuration 5 Save	d Quote(s)						
					Н	lide helpful i	<u>nto (j</u>		
<ul> <li>Please ensure that when you place an order for a service based on the Engage 'Saved Quote' that you have double checked that the address you selected for the 'Saved Quote' is 100% correct. If it isn't and the selected address is incorrect, you need to be aware that:</li> <li>Installation of the service will be attempted at an incorrect site address.</li> </ul>									
<ul><li>The pricing shown in</li><li>You may be liable to</li></ul>	<ul> <li>Installation of the service will be attempted at an incorrect site address.</li> <li>The pricing shown in the 'Saved Quote' is invalid for installation at the correct site address.</li> <li>You may be liable to pay us in relation to cancellation of your incorrect order and/or our costs incurred in connection with installation works for or at the incorrect site address.</li> </ul>								
	Please contact your Account Team if you can't find the correct site address that you need and provide them with the relevant correct information. They will add the new correct address into Engage so that you can generate a new quote based on the correct site address.								
Saved Quote(s) See all	II Saved Quotes								
Quote Quote ID Pr Name	A End roduct Site	B End Site	Circuit Bandwidth Stat	us Term	Install	Rental	Select Items		
	ational Test Account 1 - NNE thernet	RG279UP - VIRGIN MEDIA 10- 14 - 10008961155	100 Mbps OK	2 yrs	£1,805.00	£6,534.00	0		
Return to Home					Create Anol	ther Quote	Order		

Click "**Select Items**" for the quotes you wish to save. There could be more than one quote listed if you added additional quote configurations. If you have prepared a site to multisite quote then all B-End sites will be listed in the column appropriate column.

To view all of your existing Saved Quotes click See all Saved Quotes.

Click "**Create another Quote**" to save and start another quote. This will take you to the first page of the quote journey – **Site Selection**.

Click "Order" to progress this quote into an order.

Your quote has now been stored in the "Saved Quotes" section.



# **MIA/VPN Quote**

Here is an example of how to request a **MIA or IPVPN** quote:

1 Select Sites	2 Select Access Methods	3 Serviceability	4 Product Configuration	5 Site Configuration	6 Results	
					Show hel	oful info (j)
Site Selection						
Please select the ad	Idresses you wish to use to pre	epare a quote.				
Please enter the full	postcode.					
RG27 9UP	Search					
Current stored s	sites:		The sites you hav	/e selected are:		
End Address		Add	Address		Rei	nove All
RG279UP - Full Site A	Address	Add +	RG279UP - Full Site Ad	dress	Rer	nove
RG279UP - Full Site A	Address			You car	n select a max o	of 50 sites.
		Add +				
Site not found? Plea	ase contact your Account Team	l.				
						_
Cancel						Next

Enter your Postcode and click 'Search'.

Select your chosen site by clicking 'Add'.

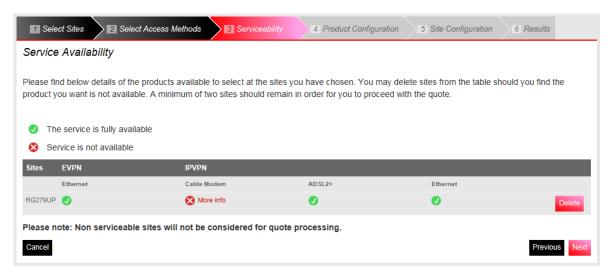
Once you have all sites selected click 'Next'.



Select which access methods you wish to quote for and click "Next" to move onto the next step.

1 Select Sites 2 Se	elect Access Methods	3 Serviceability 4 Product Configuration 5 Site Configuration 6 Results
		Show helpful info
Please select at least 1 op	tion to proceed	
IPVPN	Cable Modem	ADSL2+
	SDH	Broadband FTTC
	Ethernet	
EVPN	Ethernet	
For a more accurate ser postcode.	viceability check please	e enter the phone number for each site - if you do not have this information we will use the
E142AA - Site 32		
Cancel		Previous Next

The serviceability results for your chosen sites will now be displayed to help you understand which products are available Click "**Next**" to move onto the next step.



Now select the **Product** for which you wish to prepare a quote.

BU	SIN	IESS

Select Sites     Select A	Access Methods	3 Serviceability 4 Product Configuration 5 Site Configuration 6 Results
		Show helpful info
Please select at least 1 option t	o proceed	
IPVPN	Cable Modem	ADSL2+
	SDH	Broadband FTTC
2	Ethernet	
EVPN	Ethernet	
For a more accurate serviceal postcode. NE270QF - VIRGIN MEDIA UNIT 2, NETWORK HOUSE NEW YORK WAY NEW YORK INDUSTRIAL PARK NEWCASTLE UPON TYNE RG279UP - VIRGIN MEDIA 10- 14 BARTLEY WOOD BUSINESS PARK BARTLEY WAY HOOK	bility check please er	nter the phone number for each site - if you do not have this information we will use the

The "Quote Name" field is automatically populated with your company name to save you time. You can however type over the prepopulated names. It's a good idea to agree a naming convention so that all quote names follow the same format. This will make it much easier for all your users to find and identify saved quotes in the future.

1 Select Sites 2 Sel	lect Access Methods	3 Serviceability	Product Configuration	5 Site Configuration	6 Results
					Show helpful info
Quote Name *	TEST				
Select Contract Terms *	1 Year				
	2 Years				
	3 Years				
	4 Years				
	5 Years				
Billing Frequency *	Quarterly	~			
Service Type *	Please select	~			
Quality Of Service Enabled *	Please select	~			
* Required Fields					
Cancel					Previous Next

Next select the Contract term, Billing Frequency, Service Type and Quality of Service Enabled.



Please then choose "**Next**" to proceed.

Select one of the sites in the box and click on **Configure Selected Site(s)**.

Select Sites     Select Access Methods     Serviceability     Product Configuration     Site Configuration	6 Results
Hold the Ctrl key and select to choose multiple sites. Filter	
NE270QF VIRGIN MEDIA UNIT 2, NETWORK HOUSE NEW YORK WAY NEW YORK INDUSTRIAL PARK NE RG279UP VIRGIN MEDIA 10-14 BARTLEY WOOD BUSINESS PARK BARTLEY WAY HOOK	
Configure Selected Site(s)	
Cancel	Previous

Configure your site by selecting the Access Circuit from the drop down menu.

1 Select Sites 2 Sele	ect Access Methods	Serviceability	Product Configuration	5 Site Configuration	6 Results
Site configuration - Ste	n 1 of 2				Show helpful info
NE270QF - VIRGIN MEDIA U configured)		E NEW YORK WA	AY NEW YORK INDUSTRI	AL PARK NEWCASTLE UPC	N, (being
Access Circuit	Cable Modem	~			
Cancel					Previous Next

Please then choose "**Next**" to proceed.

Select the Access Bandwidth and Installation Option from the drop down menu and for this IPVPN example tick Homeworker if required.

1 Select Sites 2 Select	ct Access Methods	3 Serviceability	4 Product Configuration	5 Site Configuration	6 Results
Site configuration - Sten NE270QF - VIRGIN MEDIA U configured)			WAY NEW YORK INDUSTRIA	L PARK NEWCASTLE UP	Show helpful info
Access Flavour*	On net				
Access Bandwidth *	Please select	~			
Installation Option *	Please Select	~			
Selected CPE *					
Homeworker					
* Required Fields					
Cancel					Previous Next

Repeat the process for the remaining sites and when finished, click **Next** to continue.



1 Select Sites 2 Select	ect Access Methods Serviceability A Product Configuration 5 Site Configuration	6 Results
VIRGIN MEDIA 10-14 BA	ARTLEY WOOD BUSINESS PARK BARTLEY WAY HOOK RG279UP	hide
Access Flavour	On net	
Access Bandwidth Circuit Size	100 Mbps 30 Mbps	
Selected CPE	CISCO1921/K9 SKU 10030003	
QoS Template Required	No	
		delete configure
VIRGIN MEDIA UNIT 2, N	NETWORK HOUSE NEW YORK WAY NEW YORK INDUSTRIAL PARK NEWCASTLE UPON TYNE N	IE270QF view
Cancel		Previous Next

Based on the information entered, Engage will now generate your quote(s) and display them in the Results screen.

Select Sites	2 Select	Access Methods	Serviceability	Product	Configuration	5 Site	Configuration	6	Results	
Quote Results	See al	Saved Quotes								
Quote Name	Quote ID	Postcode	Site	Circuit Bandwidth	Install	Rental	Product	Term	Status	Select Items
TEST-3-63775-001- 091216	9043359	RG279UP	RG279UP - VIRGIN MEDIA 10- 14 - 10008961155	30 Mbps	£300.00	£5,472.00	IPVPN	3 yrs	ок	0
		NE270QF	NE270QF - VIRGIN MEDIA UNIT 2 NETWORK HOUSE - 47064633	30 Mbps						
TEST-5-63775-002- 091216	9043360	RG279UP	RG279UP - VIRGIN MEDIA 10- 14 - 10008961155	30 Mbps	£300.00	£5,168.00	IPVPN	5 yrs	ок	0
		NE270QF	NE270QF - VIRGIN MEDIA UNIT 2 NETWORK HOUSE - 47064633	30 Mbps						
Return to Home							Cre	ate Anoth	er Quote	Orde

Click "**Select Items**" for the quotes you wish to save (there could be more than one quote listed if you added additional quote configurations).

Click "Create Another Quote" to save and start on another quote.

Click "Order" to progress this quote into a full order.

Your quote has now been stored in the "Saved Quotes" section.



# **Saved Quotes**

All saved quotes will be stored automatically for future reference. To view your saved quotes select "**Saved Quotes**" from the "**Quotes**" tab.

BUSINESS				▶ НОМЕ	> MY PR		> LOG OUT
	My Accounts	My Network	Serviceability	My Documents	Orders	Quotes	Billing
						P P Le V M B	2 Quote oint to Point Ethernet oint to Point Postcode vel PN lanaged Internet Access roadband and Phone <u>Quotes</u> es

All of your saved quotes will now display in list format, as per example below:

#### Saved Quotes

arch	Please Sele	ct 💂	Date From		Date To 10/10/	2014 Se	earch Clear
y Quotes - Data				l	Displaying fro	om 31/08/2014	to 10/10/20
10 25 50 100 per page					Filter pa	ige:	
Quote Name	Quote ID 포	Product	Bandwidth	A Sites	B Sites	User name	Date Raised
JSER GUIDE QUOTE_06691_01	5862032	Leased Line	4X2 Mbps	RG279UP	S93SE	307451PerrinC	10/10/2014
EVPN SLA CHECK_05820_002	5861666	Ethernet VPN	40 Mbps	S93SE		R7511889	08/10/2014
ESTINH_46163_01	5861625	National Ethernet	1 Gbps	E149GE	B258ET	307451KirkpatrickA	08/10/2014
ESTINH_44902_01	5861624	National Ethernet	1 Gbps	E149GE	B258ET	307451KirkpatrickA	08/10/2014
750 RETEST!_29385_0_04	5861563	Ethernet Extensions	10 Mbps	S93SE	S93SE	R7511889	08/10/2014
750 RETEST!_32297_0_03	5861562	Ethernet Extensions	100 Mbps	S93SE	\$93SE	R7511889	08/10/2014
750 RETEST!_85152_0_01	5861561	Ethernet Extensions	10 Gbps	S93SE	\$93SE	R7511889	08/10/2014
750 RETEST!_45084_0_02	5861560	Ethernet Extensions	1 Gbps	S93SE	\$93SE	R7511889	08/10/2014
NE POI_07576_01	5861280	National Ethernet	2 Mbps	RG279UP	RG279UP	307451RogersC	07/10/2014
E PLUS POI_31659_01	5861279 (QQ)	Ethernet Extensions +	6 Mbps	RG279UP	RG279UP	307451RogersC	07/10/2014
		1 2 3	4 5	Next F	age 9		



You can search for a quote (that has been created within the last 90 days) by product, quote name, quote ID, A or B-End postcode, username or quick quote.

Search	Please Select	Date From	Date To	10/10/2014	Search Clear

Enter the information about the quote in the search field, and click "Search".

The quotes will then be filtered accordingly, making it easier and faster for you to find the required quote.

Click on the **Quote Id** displayed in red font to select the quote.

Quote Name	Quote ID 포	Product	Bandwidth	A Sites	B Sites	User name	Date Raised
USER GUIDE QUOTE_06691_01	5862032	Leased Line	4X2 Mbps	RG279UP	S93SE	307451PerrinC	10/10/2014
EVPN SLA CHECK_06820_002	5861666	Ethernet VPN	40 Mbps	S93SE		R7511889	08/10/2014
TESTINH_46163_01	5861625	National Ethernet	1 Gbps	E149GE	B258ET	307451KirkpatrickA	08/10/2014
TESTINH_44902_01	5861624	National Ethernet	1 Gbps	E149GE	B258ET	307451KirkpatrickA	08/10/2014
1750 RETEST!_29385_0_04	5861563	Ethernet Extensions	10 Mbps	S93SE	S93SE	R7511889	08/10/2014
1750 RETEST!_32297_0_03	5861562	Ethernet Extensions	100 Mbps	S93SE	S93SE	R7511889	08/10/2014
1750 RETEST!_85152_0_01	5861561	Ethernet Extensions	10 Gbps	S93SE	S93SE	R7511889	08/10/2014
1750 RETEST!_45084_0_02	5861560	Ethernet Extensions	1 Gbps	S93SE	S93SE	R7511889	08/10/2014
NE POI_07576_01	5861280	National Ethernet	2 Mbps	RG279UP	RG279UP	307451RogersC	07/10/2014
EE PLUS POI_31659_01	5861279 (QQ)	Ethernet Extensions +	6 Mbps	RG279UP	RG279UP	307451RogersC	07/10/2014

This will then display the selected quote:

#### Quote Details - USER GUIDE QUOTE\_06691\_01

Product Name :	Leased Line	-	
Product Name :	Leased Line		
Quote ID :	5862032		
Date Raised :	10/10/2014		
A Site		B Site	
Sitename	hometown test 2	Sitename	Virgin Sheffield
Address	VIRGIN MEDIA 10-14 BARTLEY WOOD BUSINESS PARK BARTLEY WAY HOOK	Address	VIRGIN MEDIA EVOLUTION HOUSE 1 CHIPPINGHAM STREET SHEFFIELD
Postcode	RG279UP	Postcode	S93SE
Circuit Connectivity	BTW PPC	Circuit Connectivity	BTW PPC
Configuration			

Circuit Bandwidth	Install	Rental	Product	Term
4X2 Mbps	£19,200.00	£25,602.00	Leased Line	5
Back Edit Query Quote				Create Order

From here you can "Edit", "Query Quote" or "Create Order".



Edit – will take you through the above steps and allow you to make amendments.

Query Quote – takes you to the following screen so that you can contact us:

Query Quote	
Send Query	
Order/Quote ID	5862032
Confirm your email *	first.last@test.com
Copy another user on replies	
Problem type *	Pricing Query
Problem description	This is a query with a quote.
	5971 remaining
* Required Fields	•
	Save

The populated details will then be sent to the relevant team and you'll receive the following confirmation:

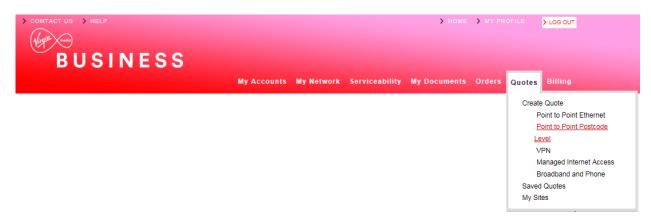
### Thank You

Your message has been sent someone will look at your request and contact you as soon as possible.

Create Order – please see the order section on how to progress the quote to an order.



### **Create Postcode Level Quote**



From the "Quotes" tab select "Point to Point Postcode level" as shown above, then:

- Choose a quote name
- Select required contract term
- Choose Billing Frequency
- Select product option

Click "Next" to proceed.

1 Quote Name Product 2 P.	troduct Configuration 3 Postcodes 4 Save Quotes
Choose quote name:	User Guide Indicative Quote
	📽 Quote Name 🖤 Enter in quote Line
Contract term:	1 Year     2 Years     3 Years
	4 Years 5 Years
Billing Frequency *	Quarterly
Product:	National Ethernet
Cancel	Next



Now enter:

- A & B-End bearer requirements
- Specify circuit bandwidths required for each or all circuits

Click "Next" to proceed.

1 Quote Name Product	2 Product Configuration	3 Postcodes 4 Save Quotes
A end bearers *	<ul> <li>Specified individually</li> <li>1 Gbps</li> </ul>	📽 10 Mbps 📧 100 Mbps
B end bearers *	<ul> <li>Specified individually</li> <li>1 Gbps</li> </ul>	I 10 Mbps
Circuit bandwidths *	It for a second seco	© Specified individually
Choose Bandwidth *	10 Mbps	
* Required Fields		
Cancel		Previous Next

Enter the required postcodes.

Now click "**Next**" to proceed.

1 Quote Name Pr	roduct 2 Produc	t Configuration	Postcodes	4 Save Quotes	
A End Post Code S93SE	B End Post Code	Circuit Bandwidth: 10 Mbps	A end bearer: 10 Mbps	B End Bearer: 10 Mbps	
Cancel					Previous Next



<b>a</b>					<b>.</b>				_	
Quote Nam e	A End PostCode	B End PostCode	A End Bearer	B End Bearer	Circuit Bandwidth	Install	Rental	Products	Terms	Status
User Guide Indi cative Quote_74 638_0q01_01	\$93SE	RG279UP	10 Mbps	10 Mbps	10 Mbps	£0	£3,165.00	National Ethern et	5	ОК

Then click "Finish" to add to your saved quotes page and you'll see the confirmation at the top of the next screen.





### **Convert a Postcode Level Quote to a Full Quote**

If you want to turn a **Postcode Level Quote** into an order, you must first convert it into a **Full Quote**. Select "**Saved Quotes**" from the "**Quotes**" tab.

S CONTACT US S HELP Magnetic main BUSINESS				▶ НОМЕ	> MY PR	DFILE	> LOG OUT
	My Accounts	My Network	Serviceability	My Documents	Orders	Quotes	Billing
						P P Le V B	a Quote oint to Point Ethernet oint to Point Postcode evel IPN lanaged Internet Access roadband and Phone I Quotes tes

All postcode level quotes are flagged as "(PL)" so they can be easily identified.

To convert your postcode level quote, select the quote by clicking the Quote ID:

#### Saved Quotes

					7			
earch userguide	Quote name	-	Date From		Date To	03/11/2014	Search	Clear
ly Quotes - Data				D	isplayin	g from 05/08	2/2014 to 0	03/11/20
<b>10</b> 25 50 100	_							
Show <b>10</b> 25 50 100 per pag	e					Filter page:		
Show 10 25 50 100 per pag Quote Name	e Quote ID ▼	Product	Bandwidth	A Sites	B Sites		me Date	Raised
		Product IPVPN	Bandwidth 10 Mbps 10 Mbps	A Sites BN13302 BH11H2 BS207XR	_		_	_

Any information you specified when creating the postcode level quote, will be pre-populated.



At the bottom of the page, click "Convert to Full Quote".

Product Name :	National Ethernet				
Quote ID :	5862114				
Date Raised :	10/10/2014				
A Site			B Site		
Sitename	1919801561S93SE1412940801147		Sitename	Test Account 1	- NNE
Address	R K MOTORS 228 CHIPPINGHAM ST SHEFFIELD	REET	Address		10-14 BARTLEY WOOD RK BARTLEY WAY HOOK
Postcode	\$93SE		Postcode	RG279UP	
Circuit Connectivity	Virgin Media Civils Required		Circuit Connectivity	Virgin Media S	ite Connected
Bearer Bandwidth	10 Mbps		Bearer Bandwidth	10 Mbps	
Configuration	Install	Rental	Prod	luct	Term
10 Mbps	£0	£3,165.00	Natio	nal Ethernet	5
Back Convert to Full	Quote Query Quote				

### Quote Details - USER GUIDE INDICATIVE QUOTE\_74638\_0Q01\_01

Now follow the normal **Create a Quote** process steps to proceed to completion.



# 7. Orders

### Let's get down to business

### **Raise Orders**

Here we look at how you can raise an order from a saved quote. Remember, if you wish to convert a postcode level quote to an order, it has to be converted to a full quote, and then saved before progressing to order stage.

Select **Quotes** from the homepage tool bar tab at the top of the page.

			> номе	> MY PR		> LOG OUT	
My Accounts	My Network	Serviceability	My Documents	Orders	Quotes	Billing	
					quotoo		-
					Create	Quote	
					P	oint to Point Ethernet	
					P	oint to Point Postcode	
					Le	vel	
					V	PN	
					N	anaged Internet Access	
					В	roadband and Phone	
					Saved	Quotes	
					My Sit	es	

Now select "Saved Quotes" from the drop down list.

You'll find a list of your "Saved Quotes" populated on-screen.



Either **Filter** in the tool bar at the top, or scroll through the list until you locate the quote you would like to convert to an order and click **Quote ID.** For this example we have used a National Ethernet order.

v Quotes - Data				Dis	splaying fro	m 17/07/2014 t	to 15/10/20
10 25 50 100 per page					Filter p	age:	
Quote Name	Quote ID 🔻	Product	Bandwidth	A Sites	B Sites	User name	Date Raised
E CONVERT TO FULL QUOTE_41848_01	5862399	National Ethernet	2 Mbps	B100HJ	B908AD	R7511889	13/10/2014
E QQ_87821_0Q05_01	5862398 (QQ)	National Ethernet	2 Mbps	B100HJ	B908AD	R7511889	13/10/2014
E QQ_59719_0Q04_01	5862397 (QQ)	National Ethernet	2 Mbps	B100HJ	B908AD	R7511889	13/10/2014
E QQ_22120_0Q03_01	5862396 (QQ)	National Ethernet	2 Mbps	B100HJ	B908AD	R7511889	13/10/2014
E QQ_57826_0Q02_01	5862395 (QQ)	National Ethernet	2 Mbps	B100HJ	B908AD	R7511889	13/10/2014
E QQ_00069_0Q01_01	5862394 (QQ)	National Ethernet	2 Mbps	B100HJ	B908AD	R7511889	13/10/2014
SER GUIDE INDICATIVE QUOTE_74638_0 101_01	5862114 (QQ)	National Ethernet	10 Mbps	S93SE	RG279UP	307451PerrinC	10/10/2014
ESTINH_46163_01	5861625	National Ethernet	1 Gbps	E149GE	B258ET	307451Kirkpatrick A	08/10/2014
ESTINH_44902_01	5861624	National Ethernet	1 Gbps	E149GE	B258ET	307451Kirkpatrick A	08/10/2014
E POI_07576_01	5861280	National Ethernet	2 Mbps	RG279UP	RG279UP	307451RogersC	07/10/2014
		1 2 3	4 5	Next P	Page 7		

Once you have selected a quote you'll move to the quote details screen.

Review the details then select "Create Order" to progress.

### Quote Details - NE CONVERT TO FULL QUOTE\_41848\_01

Quoto Dotano			
Product Name :	National Ethernet		
Quote ID :	5862399		
Date Raised :	13/10/2014		
A Site		B Site	
Sitename	23	Sitename	B908AD
Address	UNIT 4B SMALL HEATH BUSINESS PARK TALBOT WAY BIRMINGHAM	Address	BAXTER STORY THE ORACLE BUILDING, ORACLE DRIVE BLYTHE VALLEY PARK
Postcode	B100HJ		
Circuit Connectivity	Virgin Media Civils Required		
Bearer Bandwidth	10 Mbps	Circuit Connectivity	Virgin Media Site Connected
	-	Bearer Bandwidth	100 Mbps
Sitename Address Postcode Circuit Connectivity	UNIT 4B SMALL HEATH BUSINESS PARK TALBOT WAY BIRMINGHAM B100HJ Virgin Media Civils Required	Sitename Address Postcode Circuit Connectivity	BAXTER STORY THE ORACLE BUILDING, ORACLE DRIVE BLYTHE VALLEY PARK SHIRLEY SOLIHULL B908AD Virgin Media Site Connected

#### Configuration

Circuit Bandwidth	Install	Rental	Product	Term
2 Mbps	£0	£4,995.00	National Ethernet	5
Back Edit Query Quote				Create Order



The first screen in the order process is Virgin Media Business' Terms and Conditions. Please read these carefully before accepting.

1 Terms and Conditions	2 Customer Details 3 Service 4 Circuit 5 Associated Orders/Notes 6 Order Details
	Save
Terms and Conditions	
Address Name	Test Customer 1 Billing Address
Billing Address	260
Town	Hook
Postcode	RG27 9UP
Country	UK
Product	Ethernet Extensions
	Change Address
Ts&Cs *	Virgin Media Business Limited standard terms and conditions which have been provided to you TEST shall apply to this Order and the subsequent Contract.
	<ul> <li>Please note that the Service You order may require Us to undertake installation work which may affect the delivery time and/or Charges.</li> <li>Please note that if the Order Form You submit contains incorrect data this may cause delay and/or additional cost for which You will be responsible.</li> <li>Subject to Virgin Media Business Limited order acceptance.</li> <li>Subject to Survey.</li> </ul>
	Prices are subject to VAT.     Tick to accept
	Click here for My Documents
* Required Fields	
Exit Delete	Nex

Check the "**Tick to accept**" box if you're happy to accept the terms and conditions. You may also need to update the billing address – if so click "**Change Address**".

You can click the '**Save**' button at any stage during the create order process and your progress will be saved. This can be picked up at any point in the saved orders page.

Click "Next" to progress to the customer details screen.

1 Ts & Cs 2 Customer Details 3 Service 4 Circuit 5 Associated Orders/Notes 6 Order Detail
---

Check that the prepopulated details are correct, and then enter your PO and account number. A PO number is mandatory. You will not be able to progress without entering these details.

To make amendments to correspondence/billing addresses or contacts, select the "Change" option at the bottom of each entry.

Then click "Next" to proceed.



#### Customer Details

Customer Name *	Test Account 1 - Partner Markets Bus Partners -CP	Customer PO Number *	12345
Company Reg No	30745	Customer Account Number **	22222
BPT Quote Reference	5862399		
Correspondence Addres	s	Correspondence Contac	t
Address Name	Test Address	Contact Name	First Last
Address	1	Telephone	01234 567890
Town / City	Town	Mobile	07777 123456
Postcode	AB1 2CD	Email	first.last@test.com
Country	Change		Change
** Note: Please confirm y	our existing Virgin Media Business acco	unt number to be used for this a	Previous Ne
1 Ts & Cs 2	Oustomer Details	4 Circuit 5 Associate	ed Orders/Notes 6 Order Details

The service screen requires you to add details of your Order Type, Delivery Date and CRM reference number, as per the example below. Please note that you can locate the CRM reference on your original quote.

- Confirm if you would be happy to accept early delivery
- Confirm order type (new, upgrade, downgrade, move or amend)
- Enter CRM reference number
- Enter VLAN Tagging Scheme if applicable

### Click "Next" to proceed.

1 Ts & Cs 2 Custome	er Details 3 Service 4 Circuit	5 Associated Orders/Notes	6 Order Details
Service			
Service *	National Ethernet	Order Type	New
Order Date	15/10/2014	Service Required Date **	26/11/2014
Accept Early Delivery *	Yes	Customer CRM Ref No *	CRM1234
Qos Classification *	Dot1p 💌	VLAN Tagging Scheme *	C-VLAN12345
Performance Reporting	Advanced Reporting	Is QoS needed ?	No
* Required Fields			
	ion for your requirements. However, Virgin e confirmed following acceptance of the c		rd target lead times, please contact us for subject to survey.
Note: if this is an amendment t section.	to an existing service, please provide circu	uit number(s)/reference/telephon	e number(s) in the 'Additional Information'
Cancel			Previous Next



Now you'll be presented with the A End site details screen requesting further details.

### Enter all mandatory information to proceed.

National Ethernet Site	e Details			
Service Presentation Re	quired	Standard Ethernet Phy	sical Interface	
A End*	Please select	A End*	10/100Mbit/s RJ45Mb	•
A End Installation Address				
Address	UNIT 4B	Floor *		]
	SMALL HEATH BUSINESS PARK	Room *		]
	TALBOT WAY	Rack*		]
Town	BIRMINGHAM	Contact First Name *		]
Country		Contact Last Name *		]
Postcode	B100HJ	Phone *		]
		Email *		
Does this property have any exis	ting Virgin Media Business services (excluding xD	)SL)? ** New		
Installation Details				
A End Bearer Bandwidth	10 Mbps			
Network Status	Virgin Media Civils Required			
NTU	Alcatel 8 Port			
Business will select the next app Landlord/Managing Agent	Contact Details	ia		
Are you the owner of this propert	y *	Please select		
Additional Info				
Please provide details of any site	e specific information that Virgin Media Business s	should be aware of. **		
Circuit details (A1 to B1)				
6000 remaining				
* Required Fields				
complete a way leave question	edia Business services not exist at the installat naire to identify the most appropriate procedure and assessed we can determine an appropriate	e and to help ensure the efficient i		
Cancel				Next



We want to reduce any potential order delays as much as possible. One way of doing this is processing our wayleaves quicker. In order to do this, we very often need the specific information about the landlord managing agent from our customers.

The mandatory questions below are presented on the 'Circuit' tab of orders for all products.

# Are you the leaseholder/owner of this property? If you select Yes, then no further information is required.

If you select **No** then a second mandatory question is presented allowing the landlord details to be entered as this will help to speed up your order.

#### Landlord/Managing Agent Contact Details

Are you the owner of this property $^{\star}$			No	
How many years are left of your lease?	,		125	
Do you have authority to make changes	s internally to your building, includir	ig routing cabling?	Yes	
Are you willing and able to provide a co	py of your lease?		Yes	•
Is the property a listed building?			Yes	•
Do you have the Landlord/Managing Ag	gent contact details? *		Yes	• (i
Contact First Name *	First	Contact	Last Name *	Last
Email *	first.last@test.com	Phone <sup>3</sup>	k.	01234 567890

Notes and comments

More details here.



Then add any additional site information.

#### Additional Info

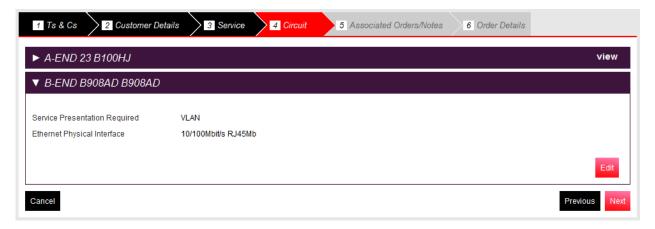
ease provide details of any site specific information that Virgin Media Business should be aware of. **
rcuit details (A to B)
00 remaining

Click "Next" to proceed.

You'll be presented with the site details screen again. But this time it's requesting further details on the B-End site.

Enter all mandatory information to proceed.

Now you will have the A&B-End sites summary screen. Click "Next" to proceed.



Add any further details that will help to progress your order. Click "Next" to proceed.



1 Ts & Cs 2 Customer Details 3 Service 4 Circuit 5 Associated Orders/Notes 6 Order Details
Asscociated Orders & Notes
Associated Order Information
6000 remaining
Please provide details of any site specific information that Virgin Media Business should be aware of. **
6000 remaining
** Note: nothing entered in this box shall vary any provision of the Framework Master Services Agreement applicable to this Order, which shall prevail.
Cancel Previous Next
1 Ts & Cs 2 Qustomer Details 3 Service 4 Circuit 5 Associated Orders/Notes 6 Order Details

The Order Details screen provides the full order form content and financial results:

- Section 1 Customer Details
- Section 2 Service
- Section 3 Circuit Details
- Section 4 Additional Information
- Section 5 Associated Orders
- Section 6 Notes and Comments
- Section 7 Billing Requirements



#### Section 7:Billing requirements

Itemisation	Total Installation Charges(£)	Total Quarterly Rental Charge (£)	Purchased Bandwidth
B100HJ <-> B908AD	£0	£1,248.75	2 Mbps
QoS Charges	£0	£0	
Reporting Charges	£0	£0	
Total Charges	£0	£1,248.75	

### Total Annual Rental Charge £4,995.00

Invoiced in advance as specified: Quarterly

Cancel

Minimum contract period: 5

Previous Submit Order

If all is ok, click "Submit Order". Your order will be stored under the Saved Orders tab.



### **Saved Orders**

BUSINESS				> номе	እ MY PR	OFILE	> LOG OUT
	My Accounts	My Network	Serviceability	My Documents	Orders	Quotes	Billing
						d Orders nnection	

All saved orders will be stored automatically for future reference. To view your saved orders select "**Saved Orders**" from the "**Orders**" drop down menu, as per the above.

All of your saved orders will be displayed in two tabs:

- Order Tracker
- Orders

In the *order tracker* tab you can view your Work in Progress (WIP) orders or filter to specific delivery stages to give you the latest updates and progress of your order(s).

Saved Or	ders								Export WI	P Order Tracker
Order Trac	ker O	orders								
Search Ord	er Status		All WIP Submitted n Planning n Delivery		Search	Clear				
My Order	<sup>.</sup> Tracke	r								
Show	<b>10</b> 25	50 100 per pag	e							
							Fi	lter page:		
Date 🔻	Engage ID	Order Detail ID	CRM ID	CAL Reference	Product	A End Postcode	B End Postcode	Order Type	Order Status	Last Updated
09/03/2019	24026990	1196440-2098798	1		National Ethernet	E14 9GE	BS34 5TB	New site/service	Submitted	
09/03/2019	24026914	1196439-2098805	Test		National Ethernet	RG27 9UP	B30 2BD	New site/service	Submitted	

In the *orders* tab you can search for an order by:

- Submitted
- All WIP
- In Planning
- Completed
- Awaiting Customer Approval
- Cancelled
- Rejected
- In Delivery
- Pending Submission

Enter the information you hold about the order in the Filter page field and click "Search".



The orders will then be filtered accordingly, making it easier and faster for you to find the order required for review. Click on the **Order ID** displayed in red to select the order.

ved Orde	rs							Export List Of Order	s Export Order Trac
)rder Tracker	Orde	ers							
Search Order S	tatus	~	All		✓ Date From	07/09/2016	Date To	06/12/2016 Sea	rch Clear
My Orders							Displaying	from 07/09/201	16 to 06/12/2016
My Orders	25 50 100	per page				l		from 07/09/201	16 to 06/12/2016
_	25 50 100 Engage ID	per page Order ID	CRM ID	Product	A End Postcode	B End Postcode			Last Updated
Show 10	Engage		<b>CRM ID</b> 111	Product National Ethernet		B End	F	filter page:	
Show 10 Date	Engage ID				Postcode	B End Postcode	F Order Type	Filter page: Order Status Awaiting Customer	Last Updated

For orders which have been saved during the order process stage, the status will show as '**Pending Submission**'.

For orders which have been completed on your behalf by your Account Manager, the order status will show as 'Awaiting Customer Approval'

## **Order Tracking**

From the "Saved Orders" screen you can view the progress of the orders you've placed with Virgin Media Business.

Select the order you would like to view the progress of by clicking on the Order ID.

arch		Please Selec	st	Date From 31	1/08/2014	Date To 10/10	0/2014	Search Clear
ly Orders						Displayin	g from 31/08/2	2014 to 10/10/2
Show 10	25 50 100 per page					Filte	r page:	
Show 10 Date	25 50 100 perpage Engage ID	Order ID	CRM ID	Product	A End Postcode	Filte B End Postcode	r page: Order Type	Order Status
_		Order ID 703875	CRM ID CRM123456	Product Lessed Line		B End		Order Status Submitted
Date	Engage ID				Postcode	B End Postcode	Order Type	

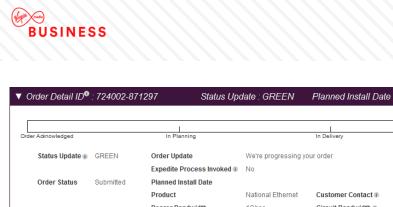
Click on the **Order Details** tab. Here you'll be provided with an in-depth overview of the current status of your order.



Order Summary	Order Details		
Order Summ	ary		
Engage ID:	5862032	Order ID:	703875
Address:	Test Address 2 2	Date:	10/10/2014
	Town	Product:	Leased Line
	AB1 2CD	Order name:	USER GUIDE QUOTE_06691_01
User name:	307451PerrinC		
	1-		
A End Site Detail	IS	B End Site Details	
Postcode:	RG279UP	Postcode:	S93SE
Bearer Bandwidth:	4X2 Mbps	Bearer Bandwidth:	4X2 Mbps
		Circuit Bandwidth:	4X2 Mbps
Itemisation	Total Installation Charges(£)	Total Quarterly Rental Charge (£)	Purchased Bandwidth
RG279UP <-> S93SE	£19,200.00	£8,400.50	4X2 Mbps
Total Charges	£19,200.00	£8,400.50	
Total Annual	Rental Charge £25,602.00		
Invoiced in advance as s	specified: Quarterly	Minimum contract period:	5
			Back View full Order deta

These include:

- **Order Detail ID** this is our 12 digit FORCE reference. This needs to be added to all correspondence
- **Progress bar** this displays a high level overview of the current order process
- **Status Update** this is the current RAG status (red/amber/green)
- **Order Update/Additional Information** This is more detail on the status of the order. E.g. Wayleave in progress. Awaiting response from the solicitor
- **Expedite Process Invoked** this confirms if you have selected the paid expedite option
- Order Status This will display the overall status of the order
- Planned Install Date this is the date the order should be installed
- **Confirmed Install Date** this is the date your order was installed (only populated on completed orders)
- **Product** this will display the product you have ordered
- **Customer Contact** the main customer contact
- **Bearer Bandwidth** the overall size of the circuit
- **Circuit Bandwidth** the circuit speed you're ordering
- Your Order Contact at Virgin Media Business this is the person who is currently managing your order
- A-End Customer Contact Details this contains the A-End address, site contact name, telephone number and email address
- **B-End Customer Contact Details** this contains the B-End address, site contact name, telephone number and email address
- **Updates** this part of the portal will contain all KCI emails (Keep Customer Informed) that have been sent to you. This includes all the milestone KCI mails along with ad hoc KCI emails



A End Custome A End Address Name	Submitted tact at Virgin Medi r Contact Details: TELEHOUSE EV james adon	Order Update Expedite Process Invoked  Planned Install Date Product Bearer Bandwidth a Business  ST CORIMDER AVENUE E142	National Ethernet 1Gbps System Administrat	Customer Contact 🗊 Circuit Bandwidth 🗊	Jayne Prince 1Gbps
Email B End Custome B End Address Name Email	xx@yyy zzz r Contact Details: M V KELLY LTD test tester test@test.com	AMINGTON ROAD B25 8ET	Telephone	09896787876	

## Disconnections

We understand that changes happen in any business so we've provided you with the facility to make changes to your service online.

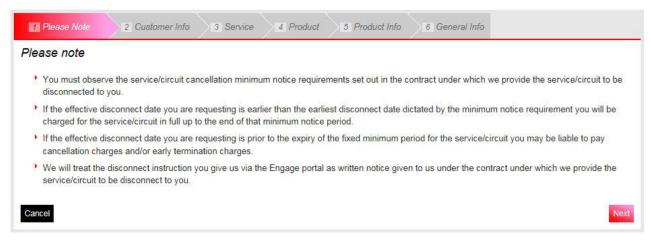
hide

Under the **Orders** tab select "Disconnection".

My Accounts	My Network	Serviceability	My Documents	Orders	Quotes	Billing
					l Orders	

The first screen provides you with details of the conditions you're agreeing to when requesting a disconnection via Engage.

Once you have read the note and if you're happy to proceed click "Next".



Please check the prepopulated details are correct and enter an additional email address that you would like us to include in any correspondence.



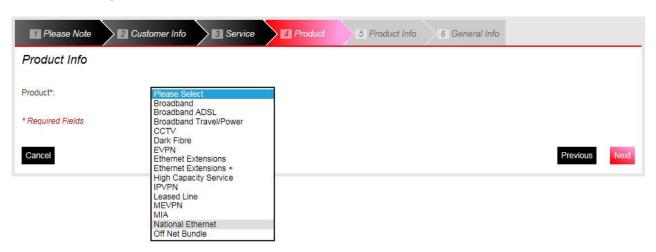
#### Click "Next" to proceed.

M Please Note	Customer Info 3 Service 4 Produc	t 5 Product Info	6 General Info
Customer Info			
Business name:	Test Account 1 - Partner Markets Bus Partners -CP	Salesforce name:	Test Account 1 - Partner Markets Bus Partners
Contact first name*:	Cathryn	Contact last name*:	Hunt
Contact telephone*:	09090909090	Contact email*:	cathryn.hunt@systems.private
Sector:	South	Service Manager:	Myles Anderson
Account Manager:	Dan Frampton		
* Required Fields			
Cancel			Previous
1 Please Note 2	Customer Info 3 Service 4 Produc	t 5 Product Info	6 General Info
Service			
Service*:	Data 💽 Please Select		
* Required Fields	Data Voice		
Cancel			Previous Ne

In the Service screen you'll need to advise of the type of service that you require ceasing.

- Data
- Voice

Click "Next" to proceed.



Select the product against which the request is being raised.

Click "Next" to proceed.



1 Please Note 2 Cus	stomer Info	A Product	5 Product Info	6 General Info		
Product Info						
Bandwidth*	100Mb		Circuit Ref*			
			CAL0000000	0		
A-End postcode*	E14 2AA		B-End postcode*			
			NE27 0QF			
If there is an off-net element,	Yes	0				
does it need disconnecting?*	Leonard					
Contact details at site to be	Disconnected					
First name*	First		Last name*			
			Last			
Telephone number*	01912808000		E-mail*			
			first.last@virginmedia.co.uk	×		
* Required Fields						
Cancel					Previous	Next

The product info screen requires you to provide additional product and site information. (The fields in this screen are specific to the product you have selected). Enter all the mandatory information, for example:

- Bandwidth
- Circuit Ref
- A and B-End postcodes
- Any off-net element
- Site contact details

Click "Next" to proceed.

Please Note	Customer Info	> 🖪 Produc	5 Product Info	6 General Info		
General Info						
Billing account number*	123456789-01	0	Service disconnect date* 30/03/2018	0		
Bill-end date	30/03/2018	0	Rental*	0		
Install Reference	123456-123455	0	Notice period (days)	0		
Full or partial disconnect*	Full	0	30			
Reason for disconnect*	Site Closure - Business Still F	]				
	255 remaining					
* Required Fields						
Cancel					Previous	Finish



The General Info screen requires you to provide further information to assist us in processing your request. Enter all mandatory information to proceed:

- Billing account number your service is billed under
- Disconnection date
- Rental amount
- Full or partial disconnection
- Reason for the disconnection (leaving, upgrade, downgrade, relocation, site closure, other)
- Any additional comments to support your request

Click "Finish" to submit your request.



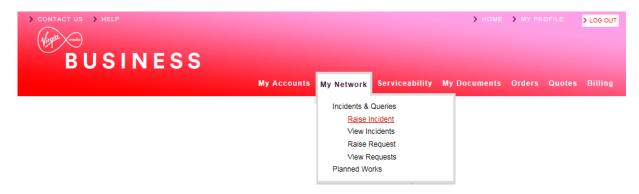


## 8. Incidents and Requests

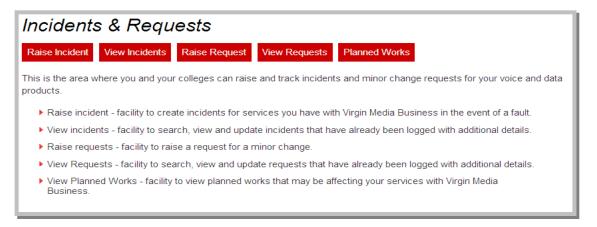
### **Raise Incidents**

If you have an incident with your in-life service you can log, update and track the fault through to resolution on Engage.

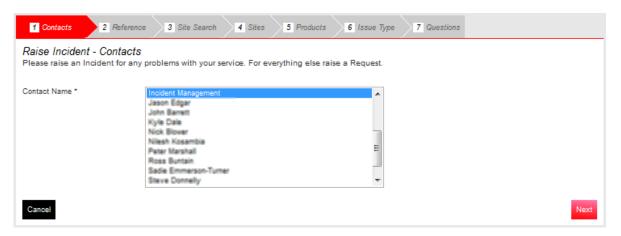
This is found under My Networks within the dropdown menu option Incidents & Queries..



Click "Raise Incident" under the Incidents & Requests option as per the above.



Now select from the drop down list or enter the contact name. Alternatively, enter your Virgin Media Business representative's contact name. Then click "**Next**" to proceed.





You'll now be redirected to the raise incident reference screen. The contact details entered will be automatically populated. Here you're prompted to enter your own optional reference to help track the ticket.

1 Contacts 2 Reference	3 Site Search 4 Sites 5 Products 6 Issue Type 7 Questions
Raise Incident - Reference	De la constante
First Name	Incident
Last Name	Management
Email Address	nobody@telewest.co.uk
Telephone Number	01248574848
Mobile Number	
My Reference	YourReference
Cancel	Previous Next

Next you'll be taken to the "Site Search" screen to search for the site you wish to log a ticket against.

1 Contacts 2 Refe	rence 3 Site Search	4 Sites 5 Products	6 Issue Type 7 Question:	
				Show helpful info
Raise Incident - Site	Search			
Search Type*	Post Code		Ţ	
Search Term*	RG279UP	Search		
Cancel				Previous

Search on one of the following criteria:

- Account Number
- Circuit Reference
- STD Telephone Number
- Postcode
- Serial Number
- Site Name

Note: You must enter a minimum of three characters.

Then click "Search" to proceed.

From the Sites screen choose the site affected from the drop down menu. Then click "**Next**" to proceed to next step.



1 Contacts 2 Reference	3 Sife Search 4 Sites 5 Products 6 Issue Type 7 Questions	
	ore results than we can show you. ole below you might like to narrow you search settings by clicking <u>here</u>	
Select Site *	LONDON	
Cancel		Previous Next

Now from the Products screen select the product required.

Note: Only products relevant to the site selected will be available.

1 Contacts 2 Reference	3 Site Search 4 Sites 5 Products 6 Issue Type 7 Questions	
	nore results than we can show you. visible below you might like to narrow you search settings by clicking <u>here</u>	
Product Name *	IPVPN - CAL0051892	
Cancel	Previous Next	

Your specific product is now visible. If you have multiple products select the relevant one from the drop down menu. Then again click "**Next**" to proceed.

The next step is to select the type of issue you're experiencing from the Issue Type screen.

ise Incider	nt - Issue Type				
ue Type *	Pa	icket Loss	v	]	
r your site	"LONDON" and	product selection "IPVPN -	CAL0051692" you hav	ve the following open incid	ents.
Incident ID	Created On	Entered By	My Ref	Description	View



Select from the drop down list the option which best describes the issue you're experiencing:

- Erroring, Latency, Jitter
- Intermittent connection
- No connection
- Packet Loss
- Routing Issues
- Other Issues

Then again click "Next" to proceed.

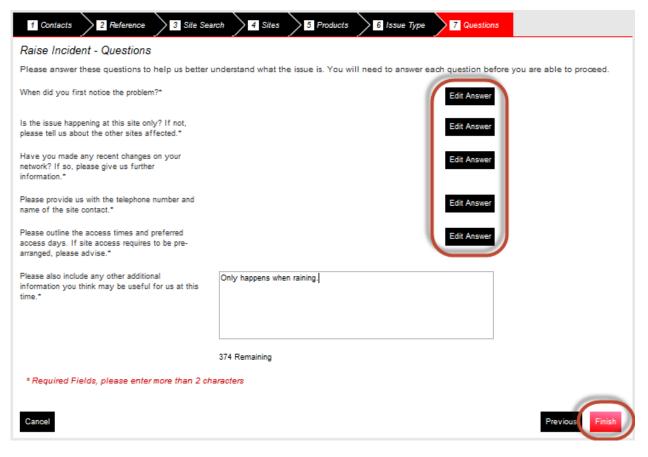
**Note:** If you currently have open incidents raised, they'll be displayed on-screen below the issue type option.

Any further information required will be requested in the following screen.

1 Contacts 2 Reference 3 Site Sear	rch 4 Sites 5 Products 6 Issue Type 7 Questions							
Raise Incident - Questions								
Please answer these questions to help us better u	nderstand what the issue is. You will need to answer each question before you are able to proceed.							
When did you first notice the problem?*	About 09:30 today.							
	382 Remaining Next Question							
* Required Fields, please enter more than 2 characters								
Cancel	Previous							



Once you have made your selections, please click "**Next Question**" and complete until all questions have been answered. You can then proceed by clicking the "**Finish**" button.



You'll then get a confirmation notice that the incident has been created.

🍹 Thank you, your ticket number is F003231598. We have logged your issue and a member of our team will contact you shortly about this.



## **View Incidents**

You now have the facility to view the incidents that have been created.

Value       Value <th< th=""><th>CONTACT US CONTACT US</th><th></th><th></th><th>&gt; HOME &gt;</th><th>MY PROFILE</th><th>&gt; LOG OUT</th></th<>	CONTACT US CONTACT US			> HOME >	MY PROFILE	> LOG OUT
Incidents & Queries         Raise Incident         View Incidents         Raise Request         View Requests         Planned Works             View Incidents             Search       Please Select             Incident History       Date From         Displaying from 02/09/2014 to 13/10/2014             Incident ID       Site             Stee       Product             Incident ID       Site	BUSINE	SS				
Raise Incident         View Incidents         Raise Request         View Requests         Planned Works         Planned Works         Raise Incident         Export CSV         Search       Please Select         Date From       02/09/2014         Displaying from 02/09/2014 to 13/10/2014         Incident ID       Site         Product       Created On         Entered By       My Ref         Description       Status		My Accounts	My Network Serviceability M	ly Documents O	rders Quotes	Billing
View Incidents         Raise Request         View Requests         Planned Works         Raise Incident         Export CSV         Search       Please Select       Incident History         Incident History       Displaying from 02/09/2014 to 13/10/2014         Incident ID       Site       Product       Created On       Entered By       My Ref       Description       Status       !			Incidents & Queries			
Raise Request         View Requests         Planned Works         Raise Incidents         Raise Incident         Export CSV         Search         Please Select         Date From       02/09/2014         Date From       02/09/2014         Displaying from 02/09/2014 to 13/10/2014         Incident History         Displaying from 02/09/2014 to 13/10/2014         Incident ID       Site         Product       Created On         Entered By       My Ref         Description       Status			Raise Incident			
View Requests Planned Works         Raise Incident Export CSV         Search       Please Select       Date From       02/09/2014       Date To       13/10/2014       Search       Clear         Incident History       Displaying from 02/09/2014 to 13/10/2014         Incident ID       Site       Product       Created On       Entered By       My Ref       Description       Status       !			View Incidents			
Planned Works         View Incidents       Raise Incident       Export CSV         Search       Please Select       Date From       02/09/2014       Date To       13/10/2014       Search       Clear         Incident History       Displaying from 02/09/2014 to 13/10/2014         Incident ID       Site       Product       Created On       Entered By       My Ref       Description       Status       !			Raise Request			
View Incidents       Raise Incident       Export CSV         Search       Please Select       Date From       02/09/2014       Date To       13/10/2014       Search       Clear         Incident History       Displaying from 02/09/2014 to 13/10/2014         Incident ID       Site       Product       Created On       Entered By       My Ref       Description       Status       !			View Requests			
Search       Please Select       Date From       02/09/2014       Date To       13/10/2014       Search       Clear         Incident History       Displaying from 02/09/2014 to 13/10/2014         Incident ID       Site       Product       Created On       Entered By       My Ref       Description       Status       !			Planned Works			
Incident History Displaying from 02/09/2014 to 13/10/2014 Incident ID Site Product Created On Entered By My Ref Description Status !	View Incidents			Raise Ir	ncident Export C	SV
Incident ID Site Product Created On Entered By My Ref Description Status !	Search Please Select	Date Fro	m 02/09/2014 Date To 13/10	V2014 Se	earch Clear	
	Incident History		Displaying	from 02/09/20	14 to 13/10/20	014
P033231598 LONIDON IPVPN 13/10/2014 11:03 307451PerrinC MrRef1234 Intermittent connection Oven	Incident ID Site	Product Created On Enter	ed By My Ref	Description	Status !	
	F003231596 LONDON	IPVPN 13/10/2014 11:03 307451	PerrinC MvRef1234	Intermittent connection	Onen	

The following incident details will be displayed to the user as part of the incident view:

- Incident ID
- Site
- Product
- Created on date
- Entered by
- Customer incident reference
- Short description
- Incident status i.e. open/closed
- ! this means the ticket was triggered by an alarm

You'll also be able to click on each column to sort the results by this field and export a CSV file that will show all incidents by clicking "**Export CSV**".

iew Incid	dents					Raise Inc	ident Exp	ort CS\
earch Pleas	e Select			Date From 02/09/2	Date To	13/10/2014 Sea	rch Clear	
ncident His	story				Display	ving from 02/09/201	4 to 13/1	0/201
Incident ID	Site	Product	Created On	Entered By	My Ref	Description	Status	!
F003231598	LONDON	IPVPN	13/10/2014 11:03	307451PerrinC	MyRef1234	Intermittent connection	Open	



The following incident details will be displayed when you select to view the incident details, by clicking on the Incident ID:

- Public incident notes
- Entered on (date)
- Entered by (name)

Edit Incident		
Detailed information about Incident F003231598 - Status: Open		Add Note
Note	Entered On	Entered By
When did you first notice the problem? About 09:30 today. Is the issue happening at this site only? If not, please tell us about the other sitesMore	13/10/2014 11:03	307451PerrinC
Cancel		

If you see "**More**" this can be clicked to show further detail.

You can also "Add Note" if required (then enter details and "Save Note").



### **Search Incident**

This search will look for incidents that you have raised against the services you have with us. Under the **My Network** tab select **View Incidents**, then enter your search criteria.

The following search criteria can be entered as part of the incident search:

- Site any text can be entered
- Incident Number any text can be entered
- Post code any text can be entered
- Product any text can be entered
- My Reference any text can be entered
- Status option of Open or Closed
- Date From, Date To you can select dates from a calendar and it's not possible to select a date in the future. The system will not allow you to select more than 6 months' worth of data

**Note:** You'll also have the option to export the search results to a file by clicking "**Export CSV**" at the top of the page.

View Inci	dents					Raise Inc	ident Exp	ort CSV
Search My R	leference			Date From 02/09/2	2014 Date To 1	13/10/2014 Sea	rch Clear	
Incident Hi	story				Display	ing from 02/09/201	4 to 13/1	0/2014
Incident ID F003231598	Site	Product	Created On 13/10/2014 11:03	Entered By 307451PerrinC	My Ref MyRef1234	Description Intermittent connection	Status Open	!

Similar to the navigation process shown in above examples, please follow the steps required to successfully search for logged incidents:

- Enter the search criteria and click "**Search**" for the incident. The search is defaulted to the last 40 days, but you're able to change this
- You may search for your sites using:
  - Site Name
  - Postcode
  - Circuit Reference (for example: CALxxx, ENxxx, etc.)
  - Line Number
  - Account Number (voice only)
  - Serial Number
- Please enter at least 3 characters when searching for your site. The more specific your search term, the quicker you'll find what you're looking for



## **Update Incident**

You'll have the facility to update incidents that have already been logged.

The following details can be completed as part of the incident update:

- Note
- Incident update recorded date
- Incident update entered by (name)

Note: You'll not be able to update a closed incident.

The below captures the steps required to successfully update incidents:

- Navigate to Incidents & Requests within My Network and select "View Incidents"
- Select the incident you wish to update and click "Add Note"
- Enter the details you wish to add to the incident
- Select "Save Note"
- The system successfully stores the incident information

Edit Incident		
Detailed information about Incident F003231598 - Status: Open		
New details added here.		
	(	Save Note
Note	Entered On	Entered By
When did you first notice the problem? About 09:30 today. Is the issue happening at this site only? If not, please tell us about the other sites <b>More</b>	13/10/2014 11:03	307451PerrinC
Cancel		



### **Raise Request**



Not only are you now able to log faults, you can also log a number of small changes, subject to the below conditions:

- The change has no cost impacts
- Requires no Virgin Media Business on-site resource
- Has no impact on other customers
- Does not cause disruption to service
- Can be completed during normal business hours
- Takes no longer than 15 minutes
- Does not require any change to your current design

This is found in the My Network tab by selecting "Raise Request".

It can also be accessed from the View Requests section.

The following steps are required to log a request:

- Enter the contact name for the ticket you're about to log
- You're now presented with your contact details and will now be asked if you have a reference you would like to associate with the ticket
- You'll then be asked to search for the site you wish to log a request against
- Select the product
- The short description is set to New Request (you are unable to change this)

1 Contacts 2 Refe	ence 3 Site Search	4 Sites	5 Products	6 Issue Type	7 Questions	
Raise Request - Issue	е Туре					
Issue Type *	New request					
Cancel						Previous Next

• You'll be asked one mandatory question: "Describe what you would like to change? Add as much information as possible to help us resolve this request." You can enter between 2 and 400 characters. Then click "Finish"



1 Contacts 2 Reference 3 Site Search	rch 4 Sites 5 Products	6 Issue Type 7 Question	
Raise Request - Questions			
Please provide more information about your reque	est. You will need to answer each qu	uestion before you are able to proc	eed.
Please provide us with the telephone number and name of the site contact.*		Edit Answer	
Please outline the access times and preferred access days. If site access requires to be pre- arranged, please advise.*		Edit Answer	
Please detail your request and include any information you think may be useful for us at this time.*	Example: Please change to a dynamic	IP.	
	361 Remaining		
* Required Fields, please enter more than 2 cha	aracters		
Cancel			P

• The system successfully stores the incident information and presents a reference and unique identifying reference for your request. Which appears at the top of the screen in a message, as per below:

Fhank you, your ticket number is F003231599. We have logged your issue and a member of our team will contact you shortly about this.



### **View Request**

> CONTACT US > HELP			> HOME	> MY PRO	FILE	> LOG OUT
My Account	S My Network	Serviceability	My Documents		Quotes	
	View II Raise	Incident ncidents Request Requests				

You'll have the facility to view the requests that have been created. This is found in the new **Incidents & Requests** section of Engage, under **View Requests**.

The following details will be displayed as part of the request view:

- Request ID
- Site
- Product
- Created on
- Entered by
- My Ref
- Description
- Status

**Note:** You'll be able to export these details to a spreadsheet by clicking on "**Export CSV**" at the top of the page. You'll also be able to click on each of these column titles to sort their results by this field.

iew Req	uests					Raise Reques	t Export CSV
iearch Pleas	e Select			Date From 02/09/2014	Date To 13/10/20	014 Search	Clear
Request Hi	story				Displaying fi	rom 02/09/2014 t	o 13/10/201
Request ID	Site	Product	Created On	Entered By	My Ref	Description	Status

The following incident details will be displayed when you select to view the incident details by clicking on the Request ID:

- Public request notes
- Entered on (date)
- Entered by (name)

Edit Request		
Detailed information about Request F003231599 - Status: Open		Add Note
Request Note	Entered On	Entered By
Please provide us with the telephone number and name of the site contact. Dave 01234 567890 Please outline the access times and preferred access days. If siteMore	13/10/2014 12:15	307451PerrinC
Cancel		



### **Search Request**

You'll be able to search for requests that have been raised against the services you have with Virgin Media Business.

The following search criteria can be entered as part of the request search:

- Site
- Request Number
- Postcode
- Product
- My Reference
- Status
- Date From, Date To you can select dates from a calendar and it's not possible to select a date in the future. The system will not allow you to select more than 6 months' worth of data

**Note:** You'll also have the option to export the search results to a file by clicking "**Export CSV**" at the top of the page.

Follow these steps to successfully search for logged requests:

#### Navigate to My Network and select "View Requests".

Enter your search criteria and select to search for the request. The default search is for 40 days' worth of requests, but you can amend this.

The system will retrieve the details of the request(s).



## **Update Request**

You have the facility to update requests that have already been logged.

The following details can be completed as part of the request update:

- Free text note
- Request update recorded date

Follow the steps below to successfully update requests:

- Navigate to My Network and select "View Requests"
- Select the request you wish to update
- System will prompt you to enter the details you wish to add to the request
- Enter the request update details
- Select to save the note
- The system successfully stores the request information

Edit Request			
Detailed inform	nation about Request F003231599 - Status: Open		
		Save	e Request
Request Note		Entered On	Entered By
Please provide us v Dave 01234 56789	with the telephone number and name of the site contact. 0	13/10/2014 12:15	307451PerrinC
Please outline the a	access times and preferred access days. If siteMore		
Cancel			



# **Planned Works**

You now have the facility to view planned works that may affect your Virgin Media Business services. This appears under the **My Network** tab under **Planned Works**. Any unread messages will appear in purple, whilst read messaged will be in black. This is for each Engage user, rather than each customer.

► C00565323					view
▼ C00565322					
Customer Impact	during the schedu	gradation/loss of service led timeframe whilst the ance work is completed.	Status	Scheduled	
Scheduled start date/time	02/11/2014 00:00		Scheduled end date/time	02/11/2014 05:00	
Impacted Circuits*					
Circuit Reference	A End Site Name	A End Post Code	B End Site Name	B End Post Code	Product Name
CAL0114377	TEST ACCOUNT	CF1 7WW			National Ethernet
* Data products only					

Only Planned Outages relevant to you will be displayed and the following details will be displayed to them upon clicking "**View**":

- Change ID
- Customer Impact / Planned Works Summary
- Status
- Scheduled Start Date and Time
- Scheduled End Date and Time
- Sites Affected

► C00565323					view
▼ C00565322					
Customer Impact	during the schedu	gradation/loss of service led timeframe whilst the nce work is completed.	Status	Scheduled	
Scheduled start date/time	02/11/2014 00:00		Scheduled end date/time	02/11/2014 05:00	
Impacted Circuits*					
Circuit Reference	A End Site Name	A End Post Code	B End Site Name	B End Post Code	Product Name
CAL0114377	TEST ACCOUNT	CF1 7WW			National Ethernet
* Data products only					

You'll also receive a message about any Planned Works that may affect you. The message indication will appear under Messages on the homepage.



# Messages

Hi Chris, You have 0 New Messages and 2 New Planned Works Notices

Follow the steps below to successfully view planned outages:

- Navigate to My Network and select "Planned Works"
- The system displays any outages that relate to your services



# 9. Change Requests

You'll be able to configure and submit a range of change requests to manage your sites or networks more efficiently. It's possible to add new services to sites, or remove services that are no longer needed. Existing services can also be modified.

You'll be able to carry out the following type of change requests:

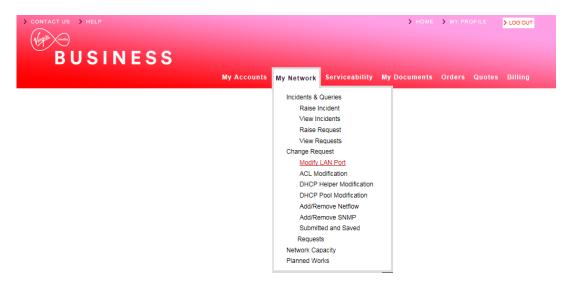
Routing changes & LAN features – edit the Local Area Network ports for sites and features.

- LAN (Local Area Network) Port Configuration
- ACL (Access Control List) Modification
- DHCP (Dynamic Host Control Protocol) Helper Modification
- DHCP Pool Modification

Monitoring – add or remove the network and IP (Internet Protocol) traffic configuration tools.

- Add/Remove Netflow
- Add/Remove SNMP (Simple Network Management Protocol)

# **Modify LAN Port**



From the Home page select My Network and then select Change Request' from the dropdown menu.

Alternatively, you can click '**Change Request**' within the **My Network** landing page to take you directly. Here you'll see a summary of your changes, as well as selecting the request type you're after.



#### Change Request

### Change Request

#### What change do you require?

Here you can configure and submit a range of request changes to manage your sites networks. It is possible to add new services to sites, or remove those that are no longer required. Existing services can also be modified.

- Select the request area from below or directly select the change
- Does it need to be added or removed
- The choose product it needs to be applied to
- If required set the configuration details
- Add any additional helpful notes for us
- > Let us know who to notify, and set the request date & time
- Review and submit or save for a later date

Once submitted you will be notified that the request is open and pending, requests have a 10 working day lead time from submission. Changes can be made outside of office hours or late hours for minimum disruption to services, however this will incur extra charges than if undertaken in office hours.

Submitted and Saved Requests	
Routing Changes & LAN Feature	28
Edit the Local Area Network ports for sites and their features.	Modify LAN Port     ACL Modification     DHCP Helper Modification     DHCP Pool Modification
Monitoring	
Add or remove the Network & IP Traffic configuration tools.	<u>Add/Remove Netflow</u> <u>Add/Remove SNMP</u>

Now select 'Modify LAN Port'

Please note the following steps also apply for the following change requests:

- ACL (Access Control List) Modification
- DHCP (Dynamic Host Control Protocol) Helper Modification
- DHCP Pool Modification

You'll be taken to the 'LAN Port' screen.



1 LAN Port	2 Site Selection	3 Configuration	4 Customer Details	5 Supporting Notes	6 Order Review			
LAN Port								
What change do you require?								
	Add or remove Local Area Network settings for sites. Additionally manage the sub features of the LAN these include the Dynamic Host Configuration Pool, Dynamic Host Configuration Helper and Access Control List.							
Please note work	undertaken outside o	f office hours will incu	r additional charges.					
In Hours	- between 9:00 A	M to 5:30 PM on week	days (excluding bank he	olidays).				
Out of Hours weekends or publ	Out of Hours - between 5:30 PM to midnight and 7:00 AM to 9:00 AM on weekdays or any time (excluding midnight to 7:00 AM) during weekends or public holidays.							
Late Night Hours	- Late Night hours	between midnight to	7:00 AM.					
Exit						Next		

Here you'll see a description of your changes, as well as a reminder of the 'in hours', 'out of hours' and 'late night hours' times.

#### Now click 'Next'.

You'll be taken to the 'Site Selection' page.

1 LAN Port	2 Site Sele	ection 3 (	Configuration	4 Customer Det	ails 5 Supp	oorting Notes	6 Order Review	
Product *	O N	IIA						
Choose si	tes							
Find & select s	sites from below	or add manually.						
Show All Sto	red Sites			Please select	t 💌	search	Add * for wildcard 🚯	Search Clear
Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Managemer Flag	it LAN Network IP
No data available	e in table						Select All Sites	Deselect All Sites
								lax 0 sites selectable.
								Choose Selected Sites
Site not fo	und? Manually	ı Add Site - Show						
Selected S	Sites							
Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model		AN letwork IP
No data available	e in table							
Exit Previo	ous							Save Next

Here you can search for your pre-loaded sites, or manually search for the different sites.

First select the product you'd like to make the changes to.



Note: You can only make changes to IPVPN and MIA products.

1 LAN Port	2 Site Selec	ction 3 C	onfiguration	4 Customer Details	5 Supp	orting Notes	6 Order Review	
Product *	Омі	A						
Choose site	es							
Find & select sit	tes from below o	r add manually.						
Show All Store	ed Sites			Please select Postcode CAL Ref Hostname		search	Add * for wildcard 🚯	arch Clear
Postcode	Site Name	CAL Reference	Circuit Bandwidth	LAN Network IP Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP
No data available in	n table							
							Select All Sites	Deselect All Sites
							Ma	x 0 sites selectable.
							c	hoose Selected Sites

From the drop down menu you can search for your sites via the following:

- Postcode
- CAL ref
- Host name
- LAN network IP

Alternatively, you can click on 'Show All Stored Sites' to show all the sites available to you.

Once you have selected which option you wish to search by, click 'Search'.

1 LAN Port	2 Site Select	tion 3 Co	nfiguration	4 Customer Details	5 Suppo	orting Notes	6 Order Review	
Product *	O mia							
Choose si	ites							
Find & select	sites from below or	add manually.						
Show All Sto	ored Sites			Please select	~	search	Add * for wildcard 🚯	Search Clear
Show 10 💌	entries						Filter:	
Show 10 💌 Postcode	entries Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Filter: Management Flag	t LAN Network IP
					Hostname	Model	Managemen	
Postcode	Site Name				_		Managemen	
Postcode CF1 7WW	Site Name				TEST	TSET	Managemen Flag	



Click on the site you wish to change. If you wish to select more than one site hold the ctrl key and select all the additional sites.

Once you have selected all required sites, click 'Choose Selected Sites'.

If your site is not found, you'll need to enter it manually.

Next to the 'Site Not Found?', click 'Manually Add Site'

				_				
Postcode *	Site Name *	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP
B28 8SE	Test	CAL1234	100mb	1Gb	Host	Model	Mgmt	192.11.123.9 Update
								Add +
								Add+
elected	Sites							Aud
Selected S	Sites Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname I	Model		AN etwork IP

Enter all your site information and click '**Add**'. Continue to add as many sites as you need. Once you have selected all your sites, click '**Next**'.

You'll then be taken to the 'Configuration' page.



LAN Por	t 2 Site Se	election	Configuration	4 Custor	mer Details	5 Supporting N	lotes 6 On	der Review	
Configure	Sites								
Choose site:	s to configure								
Product: IPV	PN								
Select site fro	om table below, t	hen apply it's c	onfiguration						
Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP	Configuration status
CF1 7WW	TEST ACCOUNT				TEST	TEST			
Search & add	l/remove/sites								
Apply com	figuration								
O Add	0	Modify	○ Remo	ove					
Port Type *		Please select	~	]					
Interface descri	ption	I	Max 32 characters						
VLAN ID *									
LAN Featu	ires								
The following	LAN features ca	an be added, re	moved or modi	fied or leave ur	iselected if no c	hanges require	ed		
HSRP		DHCP Helper		P Pool	ACL				
					This will	clear the form but	t maintain your site		pply Configuration
Exit Prev	ious								Save Next

Here you can Add, Modify or Remove configurations for your chosen sites.

Click on the site you wish to make changes to.

Then select Add, Modify or Remove option.

### **ADDING CONFIGURATIONS**

Click 'Add'.

Select 'Port Type' from the drop down menu.

Enter an 'Interface Description' (if one is required).

Enter your 'VLAN ID'.

In the table, please enter the new IP addresses(s) and Subnet Mask(s).



#### Apply configuration

Add	0	Modify	0	Remove
Port Type *		Please select		~
Interface description			Max 32 cha	racters
VLAN ID *				
IP Address & Su	ibnet M	lask		
NEW IP Address & S	Subnet Ma	ask		
192.84.100.101	100			

### **MODIFYING CONFIGURATIONS**

Click 'Modify'.

Select 'Port Type' from the drop down menu.

Enter an 'Interface Description' (if one is required).

Enter your 'VLAN ID'.

Please enter your existing IP address(es) and Subnet Mask(s) in the table, as well as your new IP address(es) and Subnet Mask(s).

Apply configuration	
O Add    Modify	O Remove
Port Type * Please	select
Interface description	Max 32 characters
VLAN ID *	
IP Address & Subnet Mask	
EXISTING IP Address & Subnet Mas	k NEW IP Address & Subnet Mask
111.12.133.144 123	192.84.100.101 100



### **REMOVING CONFIGURATIONS**

Click 'Remove'.

Select 'Port Type' from the drop down menu.

Enter an 'Interface Description' (if one is required).

Please enter your existing IP address(es) and Subnet Mask(s) in the table.

O Add	Ом	odify	•	Remove		
Port Type *	Γ	Please select		~		
interface description			Max 32 cha	racters		
VLAN ID *	[					
VLAN ID * I <b>P Address &amp;</b> S	ubnet Ma	nsk				
IP Address & S						
IP Address & S EXISTING IP Addre	ess & Subne					
IP Address & S EXISTING IP Addre	ess & Subne					

Once you have added, modified or removed configurations for your site, you can also add, modify or remove Local Area Network (LAN) features to your chosen site.

The following LAN features can be added:

HSRP

DHCP Helper

DHCP Pool

ACL

Please note for MIA changes the only LAN feature which can be added is HSRP.



### **HSRP FEATURE**

#### Select HSRP.

Enter Group Number, Virtual IP and Priority.

HSRP	
Group Numbers	10
	20
	30
	40
Virtual IP	
Priority	100

#### DHCP Helper

Enter a minimum of 1 and a maximum of 4 DHCP Helpers.

DHCP Helper		
DHCP Helpers *	119.10.123.45	
		Min 1 & Max of 4

### **DHCP POOL**

Enter a Network Range and Subnet Mask (if required).

Choose whether you wish to exclude IP addresses or IP ranges from the drop down.

Enter minimum 1 and maximum 255 pairs of DHCP Option Helpers.

Enter the Domain name.

Enter DNS Servers.

Enter Default Gateway.

# BUSINESS

	_
IAN	Features
L/ 1/ V	/ culuico

The following LAN features can be added, removed or modified or leave unselected if no changes required					
HSRP	DHCP Helper	DHCP Pool	ACL		
DHCP Pool					
Network Range & Subnet Mask					
Exclude IP/Range *	IP Host	~			
IP Address 1	123.45.111.222				
IP Address 2					
	Min of 1	& Max of 2 IP Addresses			
DHCP Option Number *	1234	123456	× + Add Another		
		Min 1 pair & Max of 255	5 pairs		
Domain name *	test.test.co.uk				
DNS Servers *	111.11.111.111				
		Min 1 & Ma	ax of 4		
Default Gateway *	test.co.uk				

### ACL

Select whether you require a basic or advanced ACL mode.

For Basic ACL:

Select Action and Transport Values.

Enter a Source IP Range and Destination IP Range.

ACL		
ACL Mode	Basic	O Advanced
Action *	<ul> <li>Deny</li> </ul>	O Permit
Transport Values *	O TCP	O UDP
	• IP	O ICMP
Source IP Range *	123.11.122.23	111.08.111.09 1000
Destination IP Range *	112.21.112.21	111.22.111.22 1234
		+ Add Another

For Advanced ACL:



Enter your ACL advanced values in the text box provided.

Once you have selected your required LAN features, click 'Apply Configuration'.

Repeat this process for all your chosen sites and then click 'Next'.

You'll then be taken to the **Customer Details** screen.

Here you'll be able to enter and amend all company and contact details, as well as the preferred date for the work to be carried out.

#### **BILLING CONTACT:**

Review your billing contact and address details. If this needs to be amended click '**Change Contact**' or '**Change Address**'.

Billing Contact		
First Name *	DSDFSD	
Last Name *	DFSDF	
Email *	SAM@SAM.COM	
Contact Tel *	01141234567	
Mobile		Change Cor
Address		
Address Title/ Name *	100	
House Name/ Number *	TEST	
Street Name	TEST	
Town / City	TEST	
County	TEST	
Country	TEST	
Country	1201	

### **TECHNICAL CONTACT:**

Enter details of your technical contact.

At least 1 contact must be entered, with a maximum of 3.

You must provide at least 1 technical contact & max of 3.  First Name *  Last Name *  Contact Tel *  Mobile  Add Another Contact +	Technical Contact			
Last Name *	You must provide at least 1 technical contact & r	max of 3.		
Last Name *				
Email * Contact Tel * Mobile	First Name *			
Contact Tel *	Last Name *			
Contact Tel *	Email *			
Mobile				
	Contact Tel *			
Add Another Contact +	Mobile			
Add Another Contact +				
	Add Another Contact +			

### **PRE-NOTIFICATION CONTACT:**

Enter details of your pre-notification contact.



At least 1 contact must be entered, with a maximum of 3.

Pre-change Notification Contact	
You must provide at least 1 pre-change cont	itact & max of 3.
First Name *	
Last Name *	1
Email *	
Contact Tel *	
Contact Tel -	
Mobile	
Add Another Contact +	

### **TESTING NOTIFICATION CONTACT:**

Enter details of your testing contact.

At least 1 contact must be entered, with a maximum of 3.

Testing Notification Contact
You must provide at least 1 Testing contact & max of 3.
First Name *
Last Name *
Email *
Contact Tel *
Mobile
Add Another Contact +

### SCHEDULE:

Select the date you wish your changes to take place from the drop down menu.

Note: Changes must be scheduled at least 10 working days from the date of submission.

Select the preferred time for your change to take place from the drop down:



- Late Night Hours between midnight to 7:00 AM, change request charged at £750.00 per site.
- In Hours between 9:00 AM to 5:30 PM on week days (excluding Bank Holidays), change request charged at £500.00 per site.
- **Out of Hours** between 5:30 PM to midnight and 7:00 AM to 9:00 AM on week days or any time (excluding midnight to 7:00 AM) during weekends or public holidays, change request charged at £750.00 per site.

**Note:** Pricing will vary according to existing contractual agreements. Please check with your Account Manager for further details.

Schedule	
Request Date *	dd/mm/yyyy A minimum of 10+ working days lead time applies from submission date.
Preferred Start Time *	Please select
In Hours	<ul> <li>- between 9:00 AM to 5:30 PM on weekdays (excluding bank holidays), change request charged at £500.00 per site.</li> </ul>
Out of Hours	<ul> <li>- between 5:30 PM to midnight and 7:00 AM to 9:00 AM on weekdays or any time (excluding midnight to 7:00 AM) during weekends or public holidays, change request charged at £750.00 per site.</li> </ul>
Late Night Hours	- between midnight to 7:00 AM, change request charged at £750.00 per site.

Once you have entered all your contact details and preferred date, please click 'Next'.

You'll be taken to the **Supporting Notes** screen.

1 LAN Port 2 Site Selection	3 Configuration	4 Customer Details	5 Supporting Notes	6 Order Review	
Supporting notes Please provide any additional information should be made aware of.	tion applicable to the re	equested actions and deta	ils of any site specific inforn	nation that Virgin Media Business	;
enter some notes					
1984 remaining					
Exit Previous				Save	Next

Enter any additional notes or information and then click 'Next'.

You'll be taken to the **Order Review** page, where you can review the details you've just entered.

There is an option to edit the details by clicking 'Edit' next to the section you wish to amend.

Once you have reviewed your options, click the box 'I confirm I have read and understood the existing Terms & Conditions' and then click '**Submit**'.

Existing Terms & Conditions can be found by clicking on the Terms & Conditions link on screen.



Your change request has now been submitted. You can now see your order in the 'Change Request' tab in the Saved Orders section.

# **ACL Modification**

For any ACL Modifications select '**ACL Modification**' from the menu and follow the same steps as 'Modify LAN Port' for your site selection (see pages 81-83).

Once you get to the configuration screen you'll see the following:

1 ACL	2 Site Selecti	ion 3 Cor	nfiguration	4 Customer	Details 5	Supporting Notes	6 Order F	Review	
Configure	Sites								
Choose sites	s to configure								
Product: IPVF	PN								
Select site fro	m table below, t	then apply it's c	onfiguration						
Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP	Configuration status
CF1 7WW	TEST ACCOUNT				TEST	TSET			
Search & add	l/remove/sites								
Apply com	liguration								
○ Add	0	Modify	⊖ Rem	ove					
Port Type *		Please select	~						
Interface descri	ption		Max 32 characters	]					
VLAN ID *				]					
ACL Mode		O Basic	0	Advanced					
					This will	clear the form but	maintain your site		oply Configuration
Exit Prev	ious								Save Next

Choose whether you wish to Add, Modify or Remove ACL.

Enter your 'Port Type'.

Enter an 'Interface Description' (if applicable).

Enter 'VLAN ID'.

Enter your desired ACL Mode – Basic or Advanced.

Once you have configured your changes, please follow the same steps as 'Modify LAN Port' (see pages 75-80).



# **DHCP Helper Modification**

For any DHCP Helper Modifications select '**DHCP Helper Modification**' from the menu and follow the same steps as 'Modify LAN Port' for your site selection (see pages 81-83).

Once you get to the configuration screen you'll see the following:

1 DHCP H	lelper 2 Si	te Selection	3 Configuration	ion 4	Customer Details	5 Supp	orting Notes	6 Order Review	
Configure	Sites								
Choose site	s to configure								
Product: IPV	PN								
Select site fro	om table below, t	then apply it's	configuration						
Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Managemen Flag	t LAN Network IP	Configuration status
CF1 7WW	TEST ACCOUNT				TEST	TSET			
Search & add	d/remove/sites								
Apply con	figuration								
O Add	0	Modify	O Rem	ove					
				_					
Port Type *		Please selec	•						
Interface descr	iption		Max 32 characters						
				1					
VLAN ID *									
DHCP Helpers	*								
				Min 1 & M	ax of 4				
								Reset form Ap	oply Configuration
					This will	clear the form	but maintain your s	site(s) selection	
Exit Prev	vious								Save Next

Choose whether you wish to Add, Modify or Remove.

Enter your 'Port Type'.

Enter an 'Interface Description' (if applicable).

Enter 'VLAN ID'.

Enter 'DHCP Helper' addresses.

Once you have configured your changes, please follow the same steps as 'Modify LAN Port' (see pages 89-91).



# **DHCP** Pool Modification

For any DHCP Pool Modifications select '**DHCP Pool Modification**' from the menu and follow the same steps as 'Modify LAN Port' for your site selection. (see pages 81-83)

Once you get to the configuration screen you'll see the following:

1 DHCP Pool 2 Site	Selection	Configuration	4 Cust	omer Details	5 Suppor	ting Notes 6	Order Review	
Configure Sites								
Choose sites to configure								
Product: IPVPN								
Select site from table below, t	hen apply it	's configuration						
Postcode Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP	Configuration status
CF1 7WW TEST ACCOUNT				TEST	TEST			
Search & add/remove/sites								
Apply configuration								
11,5 5								
O Add O	Modify	O Remo	ove					
Port Type *	Please sele	ect 🗸						
Interface description		Max 32 characters						
VLAN ID *								
Network Range & Subnet Mask								
Exclude IP/Range *	Please sele	ect 🗸						
			-					
DHCP Option Number *				+ Add	Another			
		Min 1 p	air & Max of 255 p	pairs				
Domain name *								
DNS Servers *								
Divo Servers								
			Min 1 & Max	of 4				
Default Gateway *								
	L							
							Reset form	Apply Configuration
				This w	ill clear the form	but maintain your site	e(s) selection	
Exit Previous								Save Next

Choose whether you wish to Add, Modify or Remove.

Enter your 'Port Type'.

Enter an 'Interface Description' (if applicable).



Enter 'VLAN ID'.

Enter your 'Network Range' and 'Subnet Mask' (if applicable).

Enter the 'Execute IP Range'

Enter 'DHCP Option Number' (you can enter a minimum of 1 and a maximum of 255).

Enter 'Domain name'.

Enter 'DNS Servers' (you can enter a minimum of 1 and a maximum of 4).

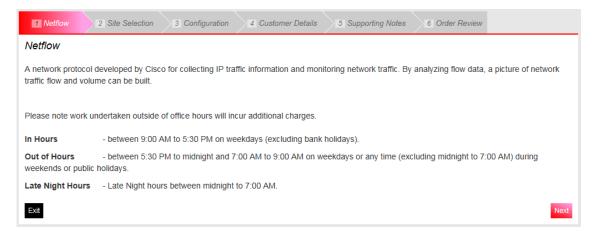
Enter 'Default Gateway'.

Once you have configured your changes, please follow the same steps as 'Modify LAN Port' (see pages 89-91).

### **Add/Remove Netflow**

From the menu toolbar or landing page click 'Add/Remove Netflow'.

You'll be taken to the Netflow landing page.



Here you'll see a description of your changes, as well as a reminder of the 'in hours', 'out of hours' and 'late night hours' times.

Now click 'Next'.

You'll be taken to the 'Site Selection' page.

Here you can search for your pre-loaded sites, or manually search for the different sites.

First select the product you'd like to make the changes to. And then decide if you'd like to '*add*' or '*remove*' Netflow.

Note: You can only make changes to IPVPN and MIA products.



1 Netflow	2 Site Select	ion 3 Ca	onfiguration	4 Customer Details	5 Suppo	rting Notes	6 Order Review	
Choose Pro	oduct & Type							
Product *	Ом	A						
What type of cha		emove						
Choose si	tes							
Find & select s	sites from below o	r add manually.						
Show All Sto	red Sites			Please select Postcode CAL Ref Hostname		search	Add * for wildcard 🚯	Search Clear
	_	CAL	Circuit	LAN Network IP Bearer			Managemei	nt LAN
Postcode	Site Name	Reference	Bandwidth	Bandwidth	Hostname	Model	Flag	Network IP
No data available	in table							
							Select All Sites	Deselect All Sites
							N	lax 0 sites selectable.
								Choose Selected Sites

From the drop down menu you can search for your sites via the following:

- Postcode
- CAL ref
- Host name
- LAN network IP

Alternatively, you can click on 'Show All Stored Sites' to show all the sites available to you.

Then click 'Search'.



1 Netflow	2 Site Selection	n 3 Confi	iguration 4	Customer Details	5 Supporti	ng Notes	6 Order Review	
Choose Proc	duct & Type							
Product * <ul> <li>IPVPN</li> </ul>	O MIA							
What type of chang Add	ge is required* O Rem	iove						
Choose site	s							
Find & select site	es from below or a	add manually.						
Show All Stored	<u>d Sites</u>			Please select		search Ad	d * for wildcard 🚯	Search Clear
Show 10 💌 en	tries						Filter:	
Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Managemen Flag	t LAN Network IP
CF1 7WW	TEST ACCOUNT				TEST	TSET		
CF1 7WW	TEST ACCOUNT				TEST	TEST		
CF1 7WW	TEST ACCOUNT				TEST	TEST1244		
CH48 4EF	LEES SOLICITORS - GRANGE RD							
			Sho	wing 1 to 10 of 44	entries			
				1 row selected			Select All Sites	Deselect All Sites
		<u>First</u>	Previous	<u>1 2 3 4</u>	<u>5</u> <u>Next</u>	Last	Max	500 sites selectable.
								Choose Selected Sites

Click on the site you wish to make changes to. If you wish to select more than one site hold the ctrl key and select all additional sites.

Once you have selected all required sites, click 'Choose Selected Sites'.

If your site is not found, you'll need enter it manually.

### Then click 'Manually Add Site'.

Postcode *	Site Name *	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Managem Flag	nent LAN Network IF	Р
B28 8SE	Test	CAL1234	100mb	1Gb	Host	Model	Mgmt	192.11.1	123.9
								Up	odate
		1							
								A	\dd +
								A	\dd +
Selected	Sites								\dd +
Selected S	Sites Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP	\dd -



Enter all your site information and click 'Add'.

Continue to add as many sites as required.

If you need to remove any sites, then click the red bin icon.

Once you have selected all your sites, click 'Next'.

You'll be taken to the '**Configuration**' page.

If you have chosen to 'Add' Netflow you'll see the following screen:

	2 Site Select	tion 3 Con	nfiguration	4 Customer Details	5 Suppor	ting Notes	Order Review	
Configure	Sites							
Selected Site	es							
Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP
CF1 7WW	TEST ACCOUNT				TEST	TSET		
CF1 7WW	TEST ACCOUNT				TEST	TEST		
CF1 7WW	TEST ACCOUNT				TEST	TEST1244		
Apply cont	figuration							
Product: IPVF	PN							
Which versio	n of NETFLOW is	required? *						
Version 5	~							
Version 3								
Entor Convor	ID Addross & LIDE	Dort Number *						
	IP Address & UDF							
IP Address	UDP Por	Port Number *						
	UDP Por							
IP Address	UDP Por							
IP Address	UDP Por							
IP Address	UDP Por							
IP Address 12.101.135.1	UDP Por 86 100							
IP Address 12.101.135.1	UDP Por							
IP Address 12.101.135.1	UDP Por 86 100 							Save Ne

**Note:** When adding and removing network configurations you can only make changes to all sites. You will not be able to add or remove Netflow for individual sites.

From the drop down select which version of Netflow you require:

- Version 5
- Version 9

Enter new IP Address and UCP Port Number. You must enter a minimum of 1 and a maximum of 3 addresses.



If you have chosen to 'Remove' Netflow you'll see the following screen:

Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP
CF1 7WW	TEST ACCOUNT				TEST	TSET		
CF1 7WW	TEST ACCOUNT				TEST	TEST		
CF1 7WW	TEST ACCOUNT				TEST	TEST1244		

You'll then see all the sites you'd like to remove Netflow from.

Now click 'Next'.

You'll be taken to the 'Customer Details' screen.

Here you'll be able to enter and amend all company and contact details as well as a preferred date for your change to be carried out.

#### **BILLING CONTACT:**

Review your billing contact and address details. If this needs to be amended click '**Change Contact**' or '**Change Address**'.

Billing Contact		
First Name *	DSDFSD	
Last Name *	DFSDF	
Email *	SAM@SAM.COM	
Contact Tel *	01141234567	
Mobile		Change Cont
Address		
Address Address Title/ Name *	100	
	100 TEST	
Address Title/ Name *		
Address Title/ Name * House Name/ Number *	TEST	
Address Title/ Name * House Name/ Number * Street Name	TEST	
Address Title/ Name * House Name/ Number * Street Name Town / City	TEST TEST TEST	

### **TECHNICAL CONTACT:**

Enter details of your technical contact.

At least 1 contact must be entered, with a maximum of 3.



#### Technical Contact

You must provide at least 1 technical contac	t & may of 3
	LATINA OLS.
First Name *	
Last Name *	
Email *	
Contact Tel *	
Mobile	
Add Another Contact +	

### **PRE-NOTIFICATION CONTACT:**

Enter details of your pre-notification contact.

At least 1 contact must be entered, with a maximum of 3.

ou must provide at least 1 pre-change conta	ict & max of 3.		
irst Name *			
ast Name *			
mail *			
contact Tel *			
lobile			
Add Another Contact +			



### **TESTING NOTIFICATION CONTACT:**

Enter details of your testing contact.

At least 1 contact must be entered, with a maximum of 3.

Testing Notification Contact	
You must provide at least 1 Testing contact 8	s max of 3
· · · · · · · · · · · · · · · · · · ·	
First Name *	
Last Name *	
Email *	
Contact Tel *	
Contact rei	
Mobile	
Add Another Contact +	

### SCHEDULE:

Select the date you wish your changes to take place from the drop down menu.

Note: Changes must be scheduled at least 10 working days from the date of submission.

Select the preferred time for your change to take place from the drop down:

- Late Night Hours between midnight to 7:00 AM, change request charged at £750.00 per site.
- In Hours between 9:00 AM to 5:30 PM on week days (excluding Bank Holidays), change request charged at £500.00 per site.
- **Out of Hours** between 5:30 PM to midnight and 7:00 AM to 9:00 AM on week days or any time (excluding midnight to 7:00 AM) during weekends or public holidays, change request charged at £750.00 per site.

**Note:** Pricing will vary according to existing contractual agreements. Please check with your Account Manager for further details.

Schedule	
Request Date *	dd/mm/yyyy A minimum of 10+ working days lead time applies from submission date.
Preferred Start Time *	Please select     v     - between 9:00 AM to 5:30 PM on weekdavs (excluding bank holidays), change
in Hours	- between 9.00 Am to 5.30 Pm on weekbays (excluding bank holidays), change request charged at £500.00 per site.
Out of Hours	<ul> <li>between 5:30 PM to midnight and 7:00 AM to 9:00 AM on weekdays or any time (excluding midnight to 7:00 AM) during weekends or public holidays, change request charged at £750.00 per site.</li> </ul>
Late Night Hours	- between midnight to 7:00 AM, change request charged at £750.00 per site.

Once you have entered all your contact details and preferred date, then click 'Next'.



You'll be taken to the **Supporting notes** screen:

1 LAN Port	2 Site Selection	3 Configuration	4 Customer Details	5 Supporting Notes	6 Order Review		
Supporting r Please provide a should be made	any additional informat	ion applicable to the n	equested actions and deta	ils of any site specific inform	nation that Virgin Mec	lia Business	
enter some notes							
1984 remaining							
Exit Previou	S					Save	Next

Enter any additional notes or information and click 'Next'.

You'll be taken to the **Order Review** page.

You can then review all the details you've entered for each of your sites.

Once you have reviewed your options, click the box 'I confirm I have read and understood the existing Terms & Conditions' and then click '**Submit**'.

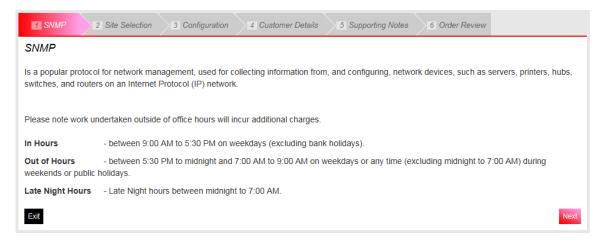
Existing Terms & Conditions can be found by clicking on the Terms & Conditions link on screen.

Your change request has now been submitted. You can now see your order in the 'Change Request' tab in the Saved Orders section.

### **Add/Remove SNMP**

From the menu toolbar or landing page click 'Add/Remove SNMP'.

You'll be taken to the Netflow landing page.





You'll see a description of your changes, as well as a reminder of the 'in hours', 'out of hours' and 'late night hours' times.

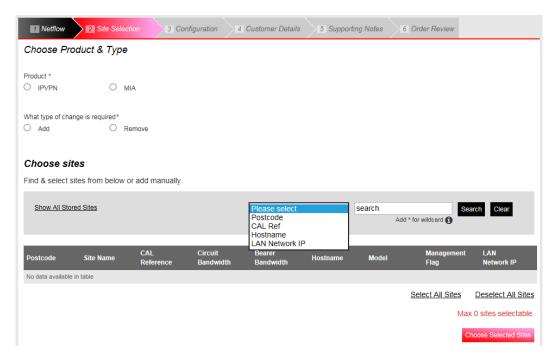
Now click 'Next'.

You'll be taken to the 'Site Selection' page.

Here you can search for your stored sites, through the drop downs in the search bar or manual site entry.

Please select which product you wish to submit your change request for. Also whether you wish to **add** or **remove** Netflow.

Note: You can only make changes to IPVPN and MIA products.



From the drop down you can search for your sites via the following:

- Postcode
- CAL ref
- Host name
- LAN network IP

Alternatively, you can click on 'Show All Stored Sites' to show all the sites available to you.

After you have selected which option you wish to search your sites by, click 'Search'.



1 Netflow	2 Site Selection	m 3 Conf	iguration 4	Customer Details	5 Supportin	ng Notes	6 Order Review	
Choose Pro	duct & Type							
Product * <ul> <li>IPVPN</li> </ul>	O MIA							
What type of chan Add		nove						
Choose site	es							
Find & select sit	tes from below or	add manually.						
Show All Store	ed Sites			Please select		search Ado	d * for wildcard <b>()</b>	earch Clear
Show 10 🗸 er	ntries						Filter:	
Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP
CF1 7WW	TEST ACCOUNT				TEST	TSET		
CF1 7WW	TEST ACCOUNT				TEST	TEST		
CF1 7WW CH48 4EF	TEST ACCOUNT LEES SOLICITORS - GRANGE RD				TEST	TEST1244		
			Sho	wing 1 to 10 of 44 1 row selected	entries		Select All Sites	Deselect All Sites
		<u>First</u>	<u>Previous</u>	<u>1 2 3 4</u>	<u>5</u> <u>Next</u>	<u>Last</u>		500 sites selectable. Choose Selected Sites
								Choose Selected Siles

Click on the site you wish to change. If you wish to select more than one site, hold the ctrl key and select the additional sites. Once you have selected the required sites, click '**Choose Selected Sites**'.

If your site is not found, you'll need to enter it manually.

Postcode *	Site Name *	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP
B28 8SE	Test	CAL1234	100mb	1Gb	Host	Model	Mgmt	192.11.123. Update
								Add +
elected	Sites							
Selected	Sites Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname I	Model	lanagement LA lag Ne	N twork IP

Next to the 'Site Not Found?', click 'Manually Add Site'.



Enter all your site information and click 'Add'.

Continue to add as many sites as required.

If you need to remove any sites, then click the red bin icon.

Once you have selected all your sites, click 'Next'.

You'll be taken to the '**Configuration**' page.

If you have chosen to 'Add' SNMP you'll see the following screen:

1 SNMP	2 Site Selection	n 3 Con	figuration	4 Customer Details	5 Supporti	ing Notes 6	Order Review	
Configure	Sites							
Selected Site								
Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP
CF1 7WW	TEST ACCOUNT				TEST	TSET		
CF1 7WW	TEST ACCOUNT				TEST	TEST		
CF1 7WW	TEST ACCOUNT				TEST	TEST1244		
A								
Apply conf								
VB: all sites n	nust be in the same	VPN						
Product: IPVF	PN							
N	lin 1 & Max of 5							
Community S								
	5tr1ng-2016-* max of 50 characte	ers long & bay	e all of the followi	ng - mixed case of	ne or more num	erical digits.		
	max or oo endidett	or ong or nav	o an or the followi		is a more num	onour aigno.		

**Note:** When adding and removing network configurations you can only make changes to all sites. You're not able to add or remove SNMP for individual sites.

### **ENTER NEW SERVER IP**

Enter a Community String – A community string must be minimum of 20 and maximum of 50 characters long and have all of the following – mixed case, one or more numerical digits.

An example of what one should look like has been provided to you.

If you have chosen to '**Remove**' SNMP you'll see the following screen:



Postcode	Site Name	CAL Reference	Circuit Bandwidth	Bearer Bandwidth	Hostname	Model	Management Flag	LAN Network IP
CF1 7WW	TEST ACCOUNT				TEST	TSET		
CF1 7WW	TEST ACCOUNT				TEST	TEST		
CF1 7WW	TEST ACCOUNT				TEST	TEST1244		

You'll see all the sites you're removing Netflow from.

Now click 'Next'.

You'll be taken to the **Customer Details** screen.

Here you'll be able to enter and amend all company and contact details as well as a preferred date for your change to be carried out.

#### **BILLING CONTACT:**

Review your billing contact and address details. If this needs to be amended click '**Change Contact**' or '**Change Address**'.

Billing Contact	
First Name *	DSDFSD
Last Name *	DFSDF
Email *	SAM@SAM.COM
Contact Tel *	01141234567
Mobile	
Address	
Address Title/ Name *	100
House Name/ Number *	TEST
Street Name	TEST
Town / City	TEST
County	TEST
Country	TEST



### **TECHNICAL CONTACT:**

Enter details of your technical contact.

At least 1 contact must be entered, with a maximum of 3.

Technical Contact
You must provide at least 4 technical contact 9 may of 2
You must provide at least 1 technical contact & max of 3.
First Name *
Last Name *
Email *
Contact Tel *
Mobile
Add Another Contact +

### **PRE-NOTIFICATION CONTACT:**

Enter details of your pre-notification contact.

At least 1 contact must be entered, with a maximum of 3.

Pre-change Notification Contact		
You must provide at least 1 pre-change contained	act & max of 3.	
First Name *		
Last Name *		
Email *		
Contact Tel *		
Mobile		
Add Another Contact +		



### **TESTING NOTIFICATION CONTACT:**

Enter details of your testing contact.

At least 1 contact must be entered, with a maximum of 3.

Testing Notification Contact	
You must provide at least 1 Testing contact 8	& may of 3
For must provide at least 1 resting contact of	a max of 0.
First Name *	
Last Name *	
Email *	
Contact Tel *	
Mobile	
Add Another Contact +	

### SCHEDULE:

Select the date you wish your changes to take place from the drop down menu.

Note: Changes must be scheduled at least 10 working days from the date of submission.

Select the preferred time for your change to take place from the drop down:

- Late Night Hours between midnight to 7:00 AM, change request charged at £750.00 per site.
- In Hours between 9:00 AM to 5:30 PM on week days (excluding Bank Holidays), change request charged at £500.00 per site.
- **Out of Hours** between 5:30 PM to midnight and 7:00 AM to 9:00 AM on week days or any time (excluding midnight to 7:00 AM) during weekends or public holidays, change request charged at £750.00 per site.

**Note:** Pricing will vary according to existing contractual agreements. Please check with your Account Manager for further details.

Schedule	
Request Date * Preferred Start Time *	dd/mm/yyyy A minimum of 10+ working days lead time applies from submission date.
In Hours	<ul> <li>between 9:00 AM to 5:30 PM on weekdays (excluding bank holidays), change request charged at £500.00 per site.</li> </ul>
Out of Hours	<ul> <li>- between 5:30 PM to midnight and 7:00 AM to 9:00 AM on weekdays or any time (excluding midnight to 7:00 AM) during weekends or public holidays, change request charged at £750.00 per site.</li> </ul>
Late Night Hours	- between midnight to 7:00 AM, change request charged at £750.00 per site.

Once you have entered all your contact details and preferred date, please click 'Next'.



You'll be taken to the **Supporting Notes** screen:

LAN Port     Site Select Supporting notes	ion 3 Configuration	4 Customer Details	5 Supporting Notes	6 Order Review	
Please provide any additional info hould be made aware of.	rmation applicable to the req	uested actions and deta	ails of any site specific info	rmation that Virgin Media E	lusiness
nter some notes					
984 remaining					
Exit Previous				S	ave Ne

Enter any additional notes or information and click 'Next'.

You'll be taken to the **Order Review** page.

Here all the details you entered for all the sites can be reviewed. There is an option to edit any of the details by clicking 'Edit' next to the section you wish to amend.

Once you have reviewed your options, click the box 'I confirm I have read and understood the existing Terms & Conditions' and then click '**Submit**'.

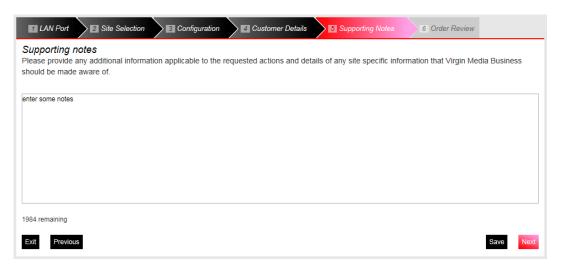
Existing Terms & Conditions can be found by clicking on the Terms & Conditions link on screen.

Your change request has now been submitted. You can now see your order in the 'Change Request' tab in the Saved Orders section.

### **Saving your progress**

You're able to save your progress at any point during your change request journey.

Simply click 'Save'.

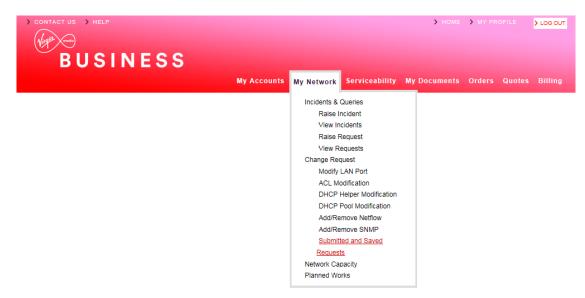




Your request will be saved in 'Saved Orders' under the Orders tab.

To access saved or submitted orders you can go to the' submitted and saved orders' page and click on the **Change Request** option within **My Network** 

Alternatively, from the Home page go to 'Change Request' within My Network on the toolbar and click 'Submitted and Saved Requests'.



You'll be taken directly to the change request tab in the saved orders page.

#### Saved Orders

earch Reque	est Status	All	✓ Date From	09/01/2017	Date To 09/04/2	017 Sea	rch Clear		
ly Change Requests Displaying from 09/01/2017 to 09/04/201									
Change Request ID	Request Type	Product	User Name	Request Status	Submission Date ▼	Edit/ Review	Cancel Order		
00322	Modify LAN Port	IPVPN		Submitted	08/04/2017	Review	N/A		
00321	SNMP	Managed Internet Access		Submitted	07/04/2017	Review	N/A		
00320	Netflow	Managed Internet Access		Submitted	07/04/2017	Review	N/A		
00319	Netflow	IPVPN		Submitted	07/04/2017	Review	N/A		
00010									



# **10. Network Capacity**

This area allows you to manage the capacity of your 10Gbps Ethernet Interconnects which will give you the ability to plan the Interconnect capacity growth and avoid delivery delays. You will only see this option if it is has been enabled by your Service Relationship Manager or Account Manager, and if your user has been granted the permission.

This area will allow you to view:

- Your Point of Interconnect Sites
- Your Interconnects and the available bandwidth on each
- The Services you have on each Interconnect and their status
- A extract of your Interconnects and an extract of your services for an interconnect

This area can be accessed either from within the 'My Network' landing page available on Engage:

#### My Network

elcome to the My Network	area of Engage. This is	where you can manage all aspects of your service.	MESSAGES
Network Capacity		Vie	Hi A, You have 502 New Messages and 0 New Planned Works Notices .
POI Site Name	POI Site Ad	dress POI Site Pos	tcode
POI Site 1	Test Ltd, 1 C WX1 2YZ	apacity Street, Manchester, WX	CONTACT US
Telehotel Test	35, Test Stre	et, London, AB1 2CD AB	1 2CD Get in touch
INCIDENTS & QUERIES In this area, you can raise and track the status of incidents. Here's a quick summary of the new features: Raise Incident - should the worst happen, then you can log a fault with us by raising an incident for that particular service View incidents - search, view and update existing incidents Raise requests - raise a request for a minor chance to your		CHANGE REQUESTS WHAT CHANGE DO YOU REQUIRE?	ALSO OF INTEREST
		Here you can configure and submit a range of request changes to manage your sites networks. It is possible to add new services to sites, or remove those that are no longer required. Existing services can also be modified.	<ul> <li>Generation IP</li> <li>Business Blog</li> <li>News and Events</li> <li>Site to Site Connectivity</li> </ul>

Or if Network Capacity within the dropdown menu is chosen:

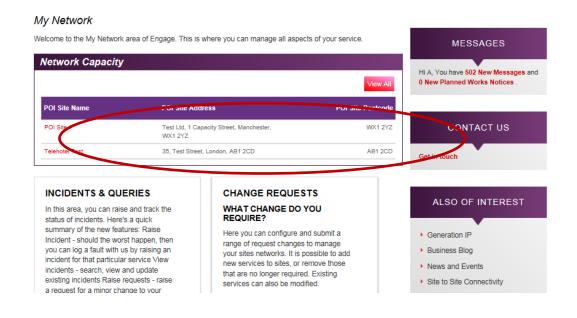


My Accounts	My Network	Serviceability	My	Documents	Orders	Quotes	Billing
	Incidents & Queries Raise Incident View Incidents						
	Raise Request						
	View R	equests					
	Change Re	quest					
	Modify	LAN Port					
	ACL M	odification					
	DHCP	Helper Modification					
	DHCP	Pool Modification					
	Add/Re	emove Netflow					
	Add/Re	move SNMP					
	Submit	ted and Saved					
	Reques	te					
	Network Ca	pacity					
	Planned wo	IKS					

# **Point of Interconnect Sites:**

View a list of your sites within this screen..

The information below shows the 10Gbps Interconnects we provide you with. If you need to see a list of your 1Gbps Interconnects, please contact your Service Relationship Manager or Account Manager or the MLE Customer Contact Centre





## **Interconnects:**

The information below shows the details of your 10Gbps Interconnects.

		t of Interconnect sites where we				inter	rconnects and	servi	ces that are
oned	on them. Please select a r	ow to see the available services	agai	inst a specific interc			_		
				<u> </u>	Export int	terc	onnects ea	srch:	
	POI (Site) Name	POI (Site) Postcode	\$	POI (Site) Address					
	POI SITE 1	WX1 2YZ		TEST LTD, 1 CAPAC	CITY STREET,	MAN	CHESTER, WX1	2YZ	
	TELEHOTEL TEST	AB1 2CD		35, TEST STREET,	LONDON, AB1	2CD			
							Search:		
* 1	Interconnect Port 🕴 Inte	rconnect Description	¢	Physical BW 🕴	Logical BW	¢	Booked BW	۰.	Available BW
	ARCO METNET 1A 1/2/	, ntu-001 Test Network Capacity 1 EN		10000	10000	-	400		9600

Select a port to see the services against a specific interconnect.

You can also export a list of all your POI Sites and the associated interconnect by clicking on **Export** interconnects

## **Services:**

The information displayed on this screen shows the services that are provisioned against your selected Interconnect. To export a list of services against a specific interconnect click **Export circuits** 

		e Point of Interconnect sites where we connec ect a row to see the available services against		interconnects and services that are
sion	ed on mem, mease ser	ect a row to see the available services against	VEN 1225 Ven	terconnects Search
	POI (Site) Name	POI (Site) Postcode	POI (Site) Address	
POI Site 1		W001 2VZ	Test Ltd, 1 Cepacity Street, N	Manchester, WK1 2YZ
				Search
*	Interconnect Port	Interconnect Description	) Physical BW 🗳 Logical E	BW & Booked BW & Available BW (
•	WXYZ-METNET-18 1/ 2/3	CFL ntu-002 Test Network Capacity 2 (Oversubscribed 2.1)	10000 20000	600 19400
			Export circui	ts Search:
	B-End CAL	8-End NTU Ø Purchased 8W	B End Status	
	CAL00000010	NTU-96765 1/10 600	Up, Up	298

Show heleful info



If any of your information is incorrect, please contact your Service Relationship Manager or Account Manager or the MLE Customer Contact Centre.

Each column header can be selected to sort that particular column. Additionally, if you need to search for a particular Site, Interconnect, or Service, please use the search bars provided at each level.

# **Helpful Text**

We have provided helpful text / definitions for the information we are displaying across the screens, please refer to this functionality if need be; otherwise please contact your Service Relationship Manager or Account Manager or the MLE Customer Contact Centre.

Each Point of Interconnect site displays the interconnects you have available as well as a view of the capacity used on each. Additionally, each H) interconnect can be selected to display the services on that interconnect. All bandwidths (BW) are shown in Mbps. Here are some definitions to help you better understand the data being displayed on screen: Physical BW - physical capacity available on the port, this is the actual port speed and usually 10,000Mbps (10Gbps)/p> Logical BW -maximum bandwidth that should be provisioned on a port, in accordance with your over subscription agreement. You can locate the details of your over subscription agreement within your Master Services Agreement. Available BW - this is the remaining bandwidth available to you. We calculate is as logical bandwidth minus booked bandwidth. If a minus value is shown, it means the interconnect has exceeded the recommended booked bandwidth. If this happens, please contact your Service Relationship Manager or Account Manager and they will look at the following options for you: 1. Provisioning a new Interconnect 2. Increasing your over subscription agreement, or applying a over subscription agreement if you don't already have one in place. Booked BW- This is the sum of the purchased bandwidths (EVC speed) of all services provisioned on this interconnect B-end CAL - this is a unique circuit reference provided to an individual circuit B-End Status -this shows the status of the Access Circuit at the B-end of the service Up, Up- the circuit is physically and logically connected (things are working) Up, Down - Interface admin enabled, however link is down (may not be physically or logically connected) Down. Down - our management platform has detected a problem with the circuit Purchased BW - The purchased bandwidth, or EVC speed for this service Customer VLAN - the VLAN (Virtual Local Area Network) reference provided by you at the time of provisioning and used to hand-off the service at the interconnect

If any of your information is incorrect, please contact your Service Relationship Manager or Account Manager or the MLE Customer Contact Centre

# **Next Steps**

If you are nearing full capacity for one of your interconnects, there are a few options available to you:

- 1. Request a new Interconnect Please contact your Account Manager to discuss options
- 2. Shift a service to an alternate Interconnect, to enable an upgrade Please contact your Account Manager
- 3. Use the dashboard to identify an alternative Interconnect with capacity



# 11. My Documents

# Keep it safe and up-to-date

This area holds specific documents relevant to your services, such as product user guides, network diagrams, the Framework Master Services Agreement (MSA) between us and the Engage Terms of Use.

Please make sure you always refer to the documents in this section, rather than locally saved versions, as we update these documents regularly.

We'll take care of uploading all available documents. However, if you have any specific requirements for storing any other documents, please let your Account or Service Manager know.

# To view documents

You can access your stored documents by selecting the My Documents tab on the tool bar across the top.



Documents may be stored by folder or individually, whatever your preference.

#### My Documents

You Are Here > Document Store

Folder Type	Folder Name	No of Subfolders	No of Documents
ø	Agreements	1	0
6	Contract	0	9
6	Engage Terms of Use	0	1
<i>i</i>	Service Descriptions	0	2
ø	T&Cs by Service	10	0
6	Test	1	0
0	testing	0	1

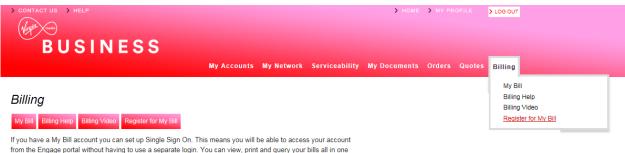
#### Document(s)

File Type	Document Name	Publish Date	Version
2	Customer Service Description - Ethernet Extensio ns v 2.1 March 2	Mon Sep 15 00:00:00 BST 2014	1.00
12	Customer Service Description NE and EE+	Mon Sep 15 00:00:00 BST 2014	1.00
2	Engage Terms of Use v1	Mon Sep 15 00:00:00 BST 2014	1.00



# 12. Sign up to MyBill

# **Working smarter**



place. In time, we hope to centralise all the functions to make things as efficient as possible.

If you have a MyBill account, you can set up the Single Sign On feature. This means that you'll be able to access your account from the Engage portal, without having to use a separate login. You can view, print and query your bills all in one place. In time, we hope to centralise all the functions to make things as efficient as possible.

Click on the **Billing tab** at the top of the homepage. Now select the "**MyBill**" option and you'll be automatically redirected to the MyBill homepage.

**Note:** This option is only available to users who currently have a MyBill account. If you don't currently have a MyBill account, then click on the link below to register.

http://www.virginmediabusiness.co.uk/Customer-area/Billing-Portal-Registration/



# 13. Contact Us

To send us an email Click on "**Contact Us**" from the left hand side of the top tool bar or in the bottom right hand corner of the homepage, and make your preferred selection from the options available.

> CONTACT US > HELP				> HOME	> MY PR		> LOG OUT	
Alast Sam								
DUCINECO								
BUSINESS								
	My Accounts	My Network	Serviceability	My Documents	Orders	Quotes	Billing	

Select the query type in the 'How can we help' drop down box.

- Pricing Query
- Product Query
- Competitor Price Review
- Change of Existing Service
- Portal Feedback
- Bulk Site Request
- Raise A Complaint
- General Feedback

Next enter Order/Quote ID – this will help us deal with your query efficiently.

Please check the pre-populated contact details are correct.

Enter any additional email address that you'd like us to include in any correspondence.

Under "**More Information**" please provide as much detail as possible, as this prevents continuous call backs that may hold up your enquiry.

Contact us

Contact us	
How can we help	General feedback
Order/Quote/Account ID (If applicable)	ABC123
Name *	First Last
Confirm your email *	First.Last@test.com
Confirm your telephone number *	01234 567890
CC Email	
More Information *	Enter your comments here.
Cancel	Send Message



# 14. Product Configuration

#### AVAILABLE QUOTE TYPES

Product configuration is required during the quote and the order stage.

During the quote stage the level of configuration is dependent on the quote type.

	Standard	Address	Postcode
National Ethernet	1	1	1
EE	1		1
EE+	1	1	1
LL	1	<b>_</b>	1
MIA	1		
IPVPN		1	
EVPN		-	
Broadband & Phone		<b>√</b>	

**Standard quotes** require the least configuration since it's using the most common configurations when calculating the quotes. Standard quotes are only available for National Ethernet, Ethernet Extensions+, Ethernet Extensions, Leased Lines and Managed Internet Access. All standard quotes are calculated in the background to allow you to perform other tasks while the quote is being calculated. You can select if you want to be notified or not when the quote is available to view in the saved quotes section.

Address quotes are the most accurate quote type since it allows you to select the exact site, bearer, bandwidth and required NTU/CPE.

**Postcode quotes** are only to be used when the exact address is not known, or when an indicative price for multiple sites is required. Postcode level quotes do not take dig distance or required civils into account. All postcode level quotes must be converted to address level quotes prior to being ordered. This quote type allows you to enter your configuration details into a table. You can add multiple A-End and B-End with the same or different configuration options.



During the order stage, a final set of configuration is required to ensure that we have all the necessary information to deliver the service you need when you need it.

The information below is required during the order stage for all products:

- Customer PO number this is a required field and should reflect your internal PO reference
- Customer Account Number select the account number that should be used for the specific order. This can be selected from the dropdown menu. Additional account numbers can be added in the Customer Management section
- Order Type you need to confirm the correct order type. The available options are "New", "Upgrade", "Downgrade", "Move" or "Amend"
- Service Required Date the earliest delivery date is showing by default, please change the date if you require delivery at a later date
- Accept Early Delivery the default option is "Yes". If you're unable to accept an early delivery please change this to "No"
- Customer CRM Ref Number this field is your internal CRM reference number. You're able to search for an order with this number, as well as the reference number provided by Engage and Virgin Media Business
- Confirm the A-End and B-End installation details such as:
- The exact location in the building including floor, room and rack details
- Site contact details including full name, telephone number and email
- Confirm for both the A-End and B-End if sites have any existing Virgin Media Business service. The options to select from are "Existing", "Not Sure" and "New"
- Confirm for both the A-End and B-End if you're the owner of the property. The options are "Yes" or "No"
- For the sites where you're not the owner you'll need to confirm the landlord/managing agent contact details and the information listed below:
  - Number of years left on the lease
  - If you have the authority to manage any changes internally to the building, including routing cabling
  - If you're willing to provide a copy of your lease
  - If the property is a listed building
  - Confirm if you have the landlord managing agent's contact details
  - The landlord/managing agent contact details should include full name, telephone number and email address
- Any additional comments that will help to deliver the service such as access, specific service hours etc.



# **National Ethernet and Ethernet Extensions+**

#### ADDRESS LEVEL QUOTES

For this quote type you will need to specify the following:

- Exact address for both the A-End and B-End
- Quote name this has to be unique for each quote
- Contract term you can select one or multiple options with the minimum term being 1 year and the maximum 5 years
- Billing frequency your default billing frequency will be pre-selected for you, but you can change this if required. The options are "Monthly", "Quarterly" or "Annually"
- QoS confirm if the circuit requires QoS or not
- Layer 2 Control Protocol -- confirm if the circuits required layer 2 control protocol or not
- A-End and B-End bearer, the options are 10 Mbps, 100 Mbps and 1Gbps
- A-End and B-End NTU the options are:
  - Alcatel 8 Port select this NTU if you require no more than 8 circuits in the future at this site
  - Alcatel 24 Port select this NTU if you'll order multiple circuits to this site in the future
  - Alcatel Hardened select this NTU if the circuit is delivered in a room that is not in a controlled environment
  - Alcatel High Bandwidth
  - Existing select this option if you already have an NTU with spare ports at the site
- Network delivery for both the A-End and the B-End. The options are "No Preference", "On-net" or "Third Party tail". If you select "No preference" the quote will provide you with the best possible price, whether this is using the last mile access from Virgin Media Business or one of our trusted network suppliers
- QoS template if you require QoS please select one of the following templates:
  - Classic historical National Ethernet settings with a single data class, therefore no differential QoS is supported
  - Complex Data Environments for advanced data environments with different identified application types
  - Converged Applications mixed simple data and voice environments
  - Multi-Media Application voice and video centric environments with simple data
  - Advanced Environments next generation application aware environments, with managed CPE control elements covering voice, video and mixed data applications
- The required circuit bandwidth you can select one or multiple options with the available bandwidths between 2Mbps up to 1Gbps



#### **POSTCODE LEVEL QUOTES**

The following information is required for this quote type:

- Quote name this has to be unique for each quote. You can select to specify this as a default value or individually in the quote table
- Contract term you can select one or multiple options with the minimum term being 1 year and the maximum 5 years
- Billing frequency your default billing frequency will be pre-selected for you, but you can change this if required. The options are "Monthly", Quarterly" or "Annually"
- Product
- A-End and B-End bearer the options are 10Mbps, 100Mbps and 1Gbps
- The required circuit bandwidth you can select one or multiple options with the available bandwidths between 2Mbps up to 1Gbps
- Single or multiple postcodes for the A-End(s) and B-End(s)

#### **ORDER STAGE**

- VLAN Tagging Scheme in this section you need to highlight if you require a C\_VLAN tag or not
- Service Presentation for both the A-End and B-End select between Port or VLAN presentation
- Standard Ethernet Physical Interface the circuit will be presented with either RJ45 Copper interface for 10/100Mbps service or 1000Mbps fibre (singlemode 1310nm or Multimode 850nm) LC for 1000Mbps as standard. A Copper, RJ45 presentation of 1000Mbps is available on request
- You'll need to specify the port the service should be added to. For the B-End site you'll need to specify if Layer 2 Control Protocol tunnelling is required or not
- Layer 2 Control Protocol Tunnelling to provide a completely transparent Ethernet transport service, layer 2 control frame tunnelling (CFT) is used. This enables any frame that is passed to the VM NTU from your network to be forwarded between your sites. The options include:
  - On (standard set) as per the table below for site-to-site
  - Off (discard everything)
  - Bespoke (as agreed with pre-sales)
  - Not applicable (not port-to-port)



# **Ethernet Extensions**

#### ADDRESS LEVEL QUOTES

For this quote type you will need to specify the following:

- Exact address for both the A-End and B-End
- Quote name this has to be unique for each quote
- Contract term you can select one or multiple options with the minimum term being 1 year and the maximum 5 years
- Billing frequency your default billing frequency will be pre-selected, but you can change this if required. The options are "Monthly", "Quarterly" or "Annually"
- The required circuit bandwidth there are only 4 available options, 10Mbps, 100Mbps, 1Gbps and 10Gbps
- A-End and B-End NTU, the options are dependent on the circuit bandwidth:
  - Existing select this option if you already have an NTU with spare ports at the site
  - For 10/100Mbps the options are single or multi-port EDX 100
  - For 1Gbps the options are single or multiport EDX 1006 for the A-End and a single Port EDX 1002 for the B-End
  - For 10Gbps the options are Multi port TM 301 or Single Port TM 102

#### **POSTCODE LEVEL QUOTES**

The following information is required for this quote type:

- Quote name this has to be unique for each quote. You can select to specify this as a default value or individually in the quote table
- Contract term you can select one or multiple options with the minimum term being 1 year and the maximum 5 years
- Billing frequency your default billing frequency will be pre-selected, but you can change this if required. The options are "Monthly", "Quarterly" or "Annually"
- Product
- A-End and B-End bearer, the options are 10Mbps, 100Mbps and 1Gbps
- The required circuit bandwidth you can select one or multiple options with the available bandwidths between 2Mbps up to 1Gbps
- Single or multiple postcodes for the A-End(s) and B-End(s)

#### **ORDER STAGE**

- Standard Ethernet Physical interface this is dependent on the bandwidth you're ordering. The circuit will be presented with either RJ45 Copper interface for 10/100Mbps service or 1000Mbps fibre (singlemode 1310nm or Multimode 850nm) LC for 1000Mbps as standard for 1Gbps and 10Gbps services. For both the A-End and B-End you'll need to select if the service is using an Existing NTU or requires a new NTU
- You'll need to specify the port the service should be added to



# **Leased Lines**

#### ADDRESS LEVEL QUOTES

For this quote type you will need to specify the following:

- Exact address for both the A-End and B-End
- Quote name this has to be unique for each quote
- Contract term you can select one or multiple options with the minimum term being 1 year and the maximum 5 years
- Billing frequency your default billing frequency will be pre-selected, but you can change this if required. The options are "Monthly", "Quarterly" or "Annually"
- Network delivery for both the A-End and the B-End. The options are "No Preference", "On-net" or "Third Party tail". If you select "No preference" the quote will provide you with the best possible price, whether this is using the last mile access from Virgin Media Business or one of our trusted network suppliers
- The required circuit bandwidth you can select one or multiple options with the available bandwidths being 2Mbps, 2x2Mbps, 3x2Mbps or 4x2Mbps

#### POSTCODE LEVEL QUOTES

The following information is required for this quote type:

- Quote name this has to be unique for each quote. You can select to specify this as a default value or individually in the quote table
- Contract term you can select one or multiple options with the minimum term being 1 year and the maximum 5 years
- Billing frequency your default billing frequency will be pre-selected, but you can change this if required. The options are "Monthly", "Quarterly" or "Annually"
- Product
- The required circuit bandwidth you can select one or multiple options with the available bandwidths being 2Mbps, 2x2Mbps, 3x2Mbps or 4x2Mbps. You can select to specify this as a default value or individually in the quote table
- Single or multiple postcodes for the A-End(s) and B-End(s)

#### **ORDER STAGE**

- Service Presentation you'll need to select the service presentation you need for this circuit for both the A-End and the B-End
- G.703 is an ITU-T standard for transmitting voice or data over digital carriers such as T1 and E1. G.703 provides specifications for pulse code modulation (PCM). G.703 is either transported over 75 ohm co-axial cable terminated in BNC or Type 43 connectors or 120 ohm twisted pair cables terminated in RJ48C jacks. The choice is carrier and region dependant
- X.21 is an interface specification for differential communications introduced in the mid-1970s by the ITU-T. The Signal Element Timing, or clock, is provided by the carrier and is responsible for correct clocking of the data. X.21 is primarily used in Europe and Japan



## **Managed Internet Access**

#### ADDRESS LEVEL QUOTES

For this quote type you will need to specify the following:

- Exact address for all sites included in the quote
- Quote name this has to be unique for each quote
- Contract term you can select one or multiple options with the minimum term being 1 year and the maximum 5 years
- Billing frequency your default billing frequency will be pre-selected, but you can change this if required. The options are "Monthly", "Quarterly" or "Annually"
- Network delivery for all sites. The options are "No Preference", "On-net" or "Third Party tail". If you select "No preference" the quote will provide you with the best possible price, whether this is using the last mile access from Virgin Media Business or one of our trusted network suppliers
- Access and circuit bandwidths
- Core Management level, the options are "Full With router" or Partial No router"
- Secure MIA Firewall the options are "No, we'll secure it ourselves " or " Quick start"
- If Quick start is selected, the following security features can be selected:
  - BGP Border Gateway Protocol (BGP) is the protocol which is used to make core routing decisions on the <u>Internet</u>. It involves a table of IP networks or "prefixes" which designate network reachability among <u>autonomous systems (AS)</u>
  - Threat Prevention
  - URL Web filtering
  - Extended Wildfire
  - Customer CPE select between a one box (combined firewall and router) or a two box solution

#### **ORDER STAGE**

- Description you can include a description for your requirement here
- LAN presentation the option available is dependent on the bandwidth selected
- Do you have an existing AS Number? Autonomous System (AS) is a collection of connected Internet Protocol (IP) routing prefixes under the control of one or more network operators that presents a common, clearly defined routing policy to the Internet. AS numbers are assigned in blocks by the Internet Assigned Numbers Authority (IANA) to Regional Internet Registries (RIRs). If you select "yes" you'll need to provide us with the existing AS number that you'd like to use
- Do you have existing Provider Independent (PI) Address space? provider-independent addresses offer end-users the opportunity to change service providers without renumbering their networks and use multiple access providers in a multi-homed configuration. If you select "yes", you'll need to provide us with the existing PI address space that you intend to use with this service
- Do you want us to provide IP addresses for use with this service? an Internet Protocol address (IP address) is a numerical label assigned to each device (e.g. computer, printer) participating in a computer network that uses the Internet Protocol for communication. An IP address serves two principal functions: host or network interface identification and location addressing. If you'd like us to provide the IP address you need to let us know how many IP addresses you require. If you have existing IP addresses that you intend to use with this service, please let us know who owns these addresses



# IPVPN

#### QUOTE STAGE

IPVPN can be configured with a number of access types – Ethernet, Ethernet lite, SDH, Cable Modem, Broadband FTTC, ADSL2+ and ADSL.

IPVPN uses Multi Protocol Label Switching (MPLS) to deliver extremely high levels of security and traffic performance. MPLS places information into packets and labels them according to one of eight different classes of service (three for broadband), as specified by you. Each class has an assigned committed bandwidth and is delivered across the network in accordance with the Service Level Agreement for that class of traffic.

- Real Time 1 & 2 a minimum bandwidth together with minimum loss, delay and jitter needs to be provided. Real Time traffic in excess of that specified by you will be policed i.e. dropped, to guarantee service quality for voice/video calls already established. Within the customer domain, a Call Admission Control method, and some form of bandwidth reservation protocol is also desirable for control of the voice traffic
- RealTime 1 traffic sent in excess of the contracted rate is discarded. The maximum amount of RealTime 1 bandwidth is 75% of the provisioned bandwidth or 50% if the access circuit is 10/100/1000Mbps
- Application 1-4 the maximum amount of bandwidth that can be ordered per application class is equivalent to the available bandwidth. The minimum amount of in-contract application 1-4 bandwidth that can be ordered is 10% of provisioned bandwidth with the minimum for any individual class being 10Kbps or 1%, whichever is higher
- Customer Control this is intended for signalling and control data in support of your multimedia voice and video transactions. It's separately specified from the RealTime 1 & 2 classes to ensure that existing calls are not adversely impacted by the bandwidth needed to support signalling traffic
- Standard standard class is designed for business applications that have no specific performance requirement. Such traffic typically consists of email, intranet / internet HTTP traffic and FTP. The minimum bandwidth available for this class is 10 Kbps or 5% of the provisioned bandwidth, whichever is higher. Standard class traffic can use 100% of the provisioned bandwidth if no other traffic is being transmitted at the same time



You'll need to specify the following information during the quote stage:

- Exact address for all sites included in the quote
- Access type
- Phone numbers to the sites to improve the accuracy of the serviceability check for Ethernet lite, Broadband FTTC and ADSL2+
- Quote name this has to be unique for each quote
- Contract term you can select one or multiple options with the minimum term being 1 year and the maximum 5 years
- Billing frequency your default billing frequency will be pre-selected, but you can change this if required. The options are "Monthly", "Quarterly" or "Annually"
- Service type select Managed or Unmanaged
- Quality Of Service enabled select Yes or No
- Select the access type required for each site you can only select the access type that is available at the site
- Access flavour for all sites the options are "No Preference", "On-net" or "Third Party tail". If you select "No preference" your quote will provide you with the best possible price, whether this is using the last mile access from Virgin Media Business or one of our trusted network suppliers
- Access bandwidth and port size the options will differ based on the access type selected
- Select the CPE–, the options will differ based on the access type selected
- Select the required QoS template

#### **ORDER STAGE**

During the order stage for IPVPN the following configuration options will need to be selected:

- Select the network topology there are two options (Hub and Spoke or Full Mesh)
- Physical Interface select the available options from a dropdown list
- Class of Service configuration provide detail prioritisation as a percentage for the selection you made during the quote stage



## **Ethernet VPN**

#### QUOTE STAGE

EVPN can be configured with two different access types Ethernet and Ethernet lite.

You'll need to specify the following information during the quote stage:

- Exact address for all sites included in the quote
- Access type
- Phone numbers to the sites to improve the accuracy of the serviceability check for Ethernet lite
- Quote name this has to be unique for each quote
- Contract term you can select one or multiple options with the minimum term being 1 year and the maximum 5 years
- Billing frequency your default billing frequency will be pre-selected, but you can change this if required. The options are "Monthly", "Quarterly" or "Annually"
- Quality Of Service enabled select Yes or No
- Layer 2 Control Protocol select Yes or No
- Select the access type required for each site you can only select the access type that is available at the site
- Access flavour for all sites. The options are "No Preference", "On-net" or "Third Party tail". If you select "No preference" your quote will provide you with the best possible price, whether this is using the last mile access from Virgin Media Business or one of our trusted network suppliers
- Access bandwidth and port size, the options will differ based on the access type selected
- Select the NTU
- Select the required QoS template form the following options:
  - Complex data environments for advanced data environments with different identified application types
  - Converged applications mixed simple data and voice environments
  - Multi-Media application voice and video centric environments with simple data
  - Advanced environments next generation application aware environments, with managed CPE control elements covering voice, video and mixed data applications
- If you selected Ethernet lite as the access type you'll also need to define the contention ratio, select between dedicated and shared

#### **ORDER STAGE**

- Service Presentation for both the A-End and B-End select between Port or VLAN presentation
- Layer 2 control protocol select the required protocol from the dropdown menu
- Standard Ethernet Physical Interface the circuit will be presented with either RJ45 Copper interface for 10/100Mbps service or 1000Mbps fibre (singlemode 1310nm or Multimode 850nm) LC for 1000Mbps as standard. A Copper, RJ45 presentation of 1000Mbps is available on request
- You'll also need to specify the port the service should be added to



# **Broadband and Phone**

#### QUOTE STAGE

You'll need to specify the following information during the quote stage:

- Exact address for all sites included in the quote
- For a more accurate serviceability check please enter the phone number for each site
- Select product the selection will apply to all of the sites in your quote and the options are broadband or broadband and phone
- Select the term the minimum term is 2 years and the maximum term is 5 years
- The billing frequency is 1 month and it cannot be changed due to usage charges
- For each site you'll need to select the required bandwidth from the dropdown menu showing all available options
- Select your requirements for Static IP from the dropdown menu if this option is available for the bandwidth you selected
- Select the install option from the dropdown menu
- Select the care level from the dropdown menu
- Select the number of phone lines required at the site, minimum is 1 and maximum is 10
- Select any additional phone features that you require

#### ORDER STAGE

- You'll need to confirm that your PCs meet the minimum specification required
- Confirm the telephone number of the line to be billed with the Business Broadband bundle
- Confirm if you have an existing broadband service to transfer select yes or no from the dropdown menu
- If yes, you need to provide the MAC code and expiry date and the phone number
- You also need to confirm if you have an existing phone line to transfer in. If so, please select yes from the dropdown menu
- If you have a phone line to transfer, you also need to confirm the existing phone line provider, the phone number and if a number port is required

# Thank you

#### **Registered Office:**

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