Xoserve CSS API Products Overview

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ON BEHALF OF xoserve

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1. Introduction

As part of the Central Switching Service (CSS) Programme, Correla have developed tools to support Xoserve customers on their journey. This document is to allow the customer development team and its internal "CSS" team the opportunity to be able to decide what Xoserve products would be required for that organisation.

This document is broken down into sections that discuss each of the products and the benefits for the individual customer.

2. Xoserve Development Products

2.1 Secondary Developer Portal

What is it ?

In simplistic terms, the secondary developer portal is a web based tool that allows a developer to:

- See the structure of all RESTFUL APIs (as part of the CSS Programme), to allow them to see the construct
- Allow a developer to submit examples and return "realistic" responses and results
- Covers all existing Settlement messages in API format:
    - BRN with NOM - Inbound Settlement
    - BRN no NOM - Inbound Settlement
    - Cancel BRN - Inbound Settlement
    - Outbound Shipper BRR - Outbound Settlement
    - BRN Cancellation Response & Rejected BRN Cancellation - Outbound Settlement
    - Rejected BRN without a NOM - Outbound Settlement
    - Rejected BRN for NOM - Outbound Settlement
    - Shipper ASN - Outbound Settlement
    - Shipper Transfer of Ownership - Outbound Settlement
    - Shipper Ceased Responsibility - Outbound Settlement
- Covers new and re-written "Query" APIs applicable to your organisation:
    - REL Data Enquiry API (Networks)
    - MAP ID Enquiry API (Networks)
    - Supply Meter Point Switching - Address Enquiry API (Suppliers, PCWs, TPIs)
    - Supply Meter Point Switching - Gas Data Enquiry API (Suppliers, PCWs, TPIs)
    - Transportation Rates Enquiry API (Shippers)
    - Nomination Enquiry API (Shippers)

2.1.1

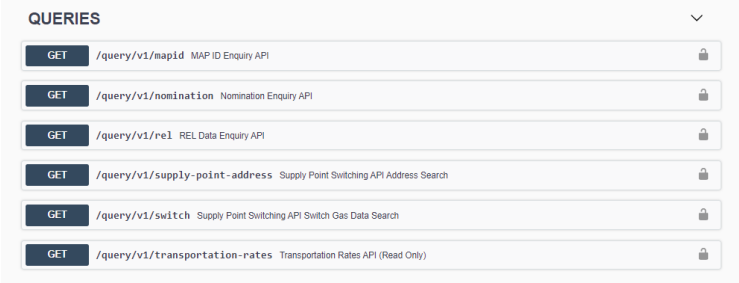
The Portal is intuitive and very easy to use.

Example Screenshots

The following screenshots show the different screens with examples.

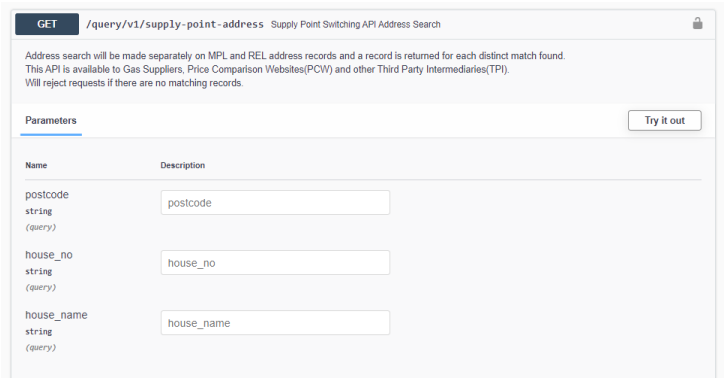
List of Available Query APIs:

2.1.2



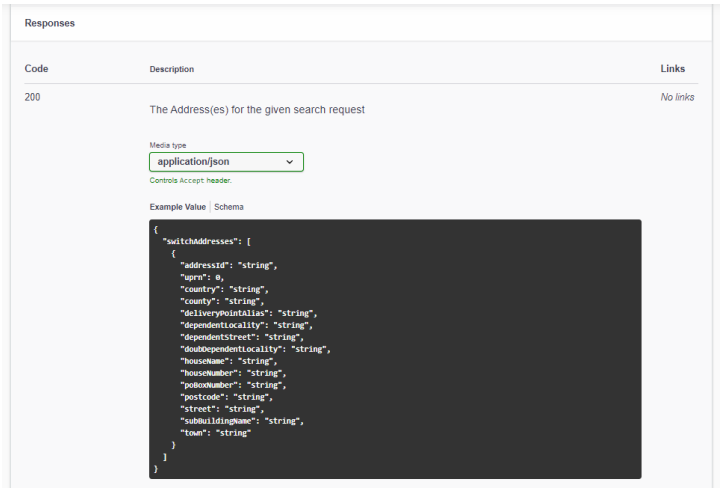
2.1.3

API request details:



2.1.4

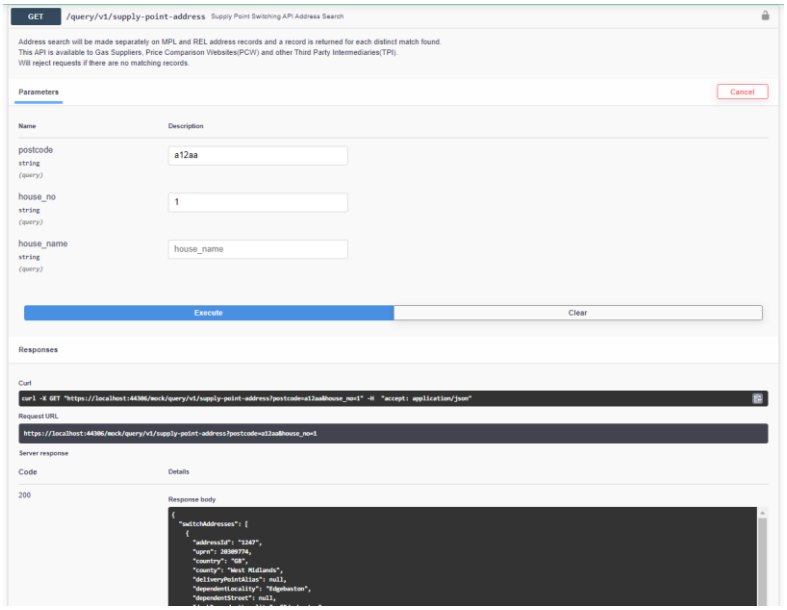
API response details:



2.1.5

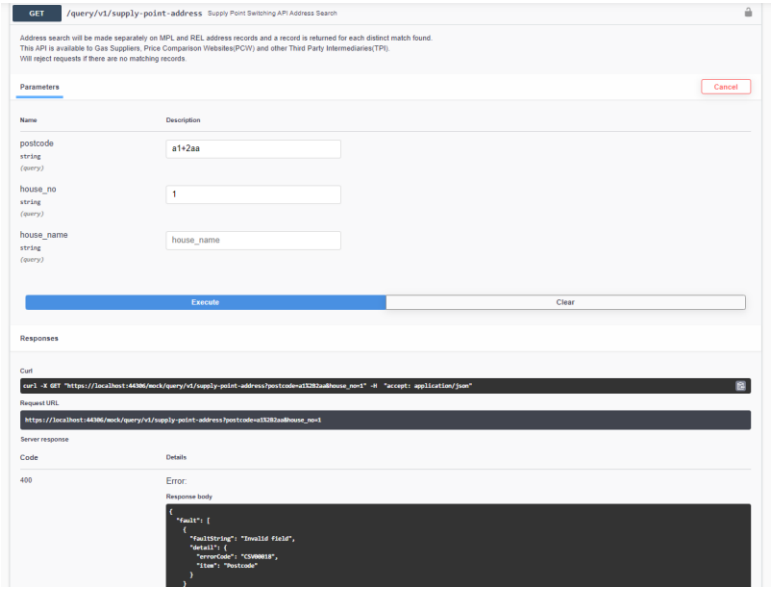
Mock response:

2.1.6



Api Validation

2.1.7



Access to the Developer Portal

To get access to the developer portal, you will need to fill out a simple request form which covers all the Xoserve products being made available as part of the wider CSS Programme. A copy of this is in section 3 of this document. Once complete, send it to : *Xoserve.css.sts@xoserve.com*

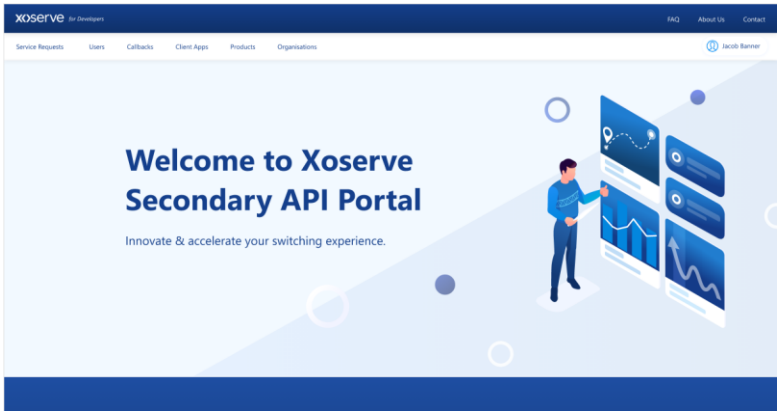
2.2 Xoserve Secondary API Portal

2.1.8

What is it ?

2.2.1

The Secondary Portal is a web based tool that allows the organisations to self administer and tailor their needs for access to any of the APIs their development team have built, including gaining access to "keys", maintaining users. This is to be used once development has been completed and internal testing has taken place.



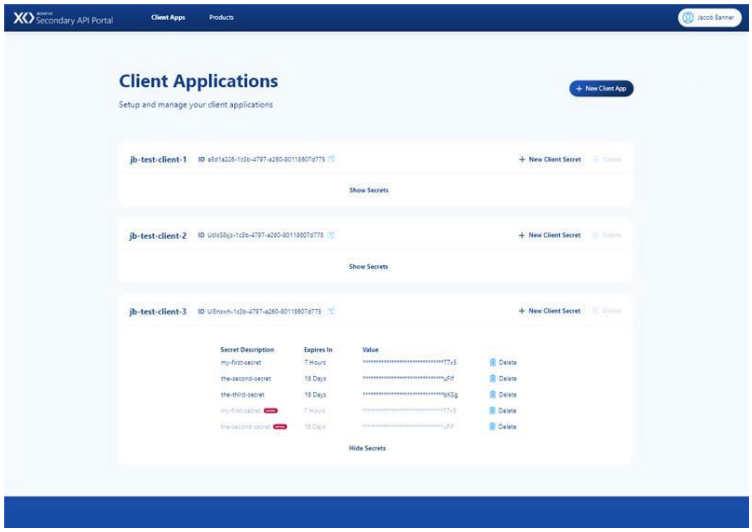
Phase 1

The 1st Phase of the Secondary Portal will be available in August 2021, and the following features will be available to your organisation:

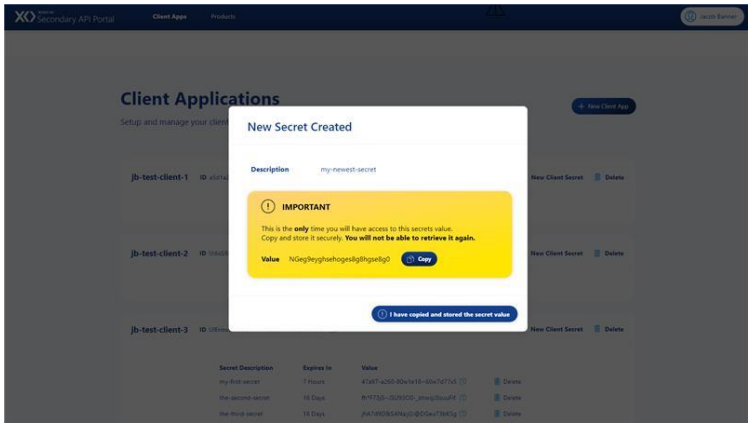
- Login Access to the portal – via a "single sign on" route. **Note**, initial access will be provided via Correla, who will create the users required.
- Client API Management

2.2.2

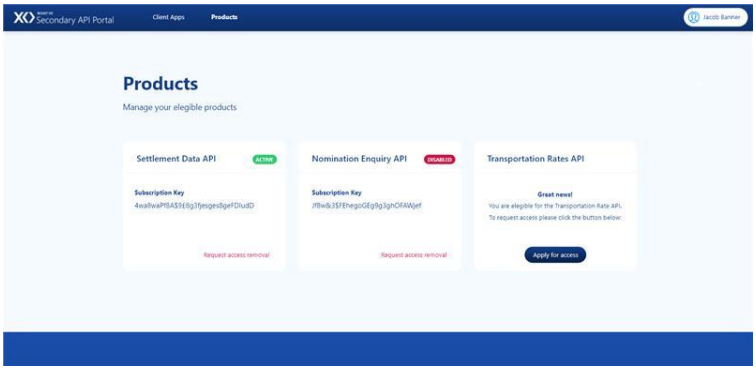
- Create and Manage Client Application. These allow you to use your eligible products, available to your organisation.



- Create and manage Client Secrets. These are the “security keys” to enable you to use your client Applications



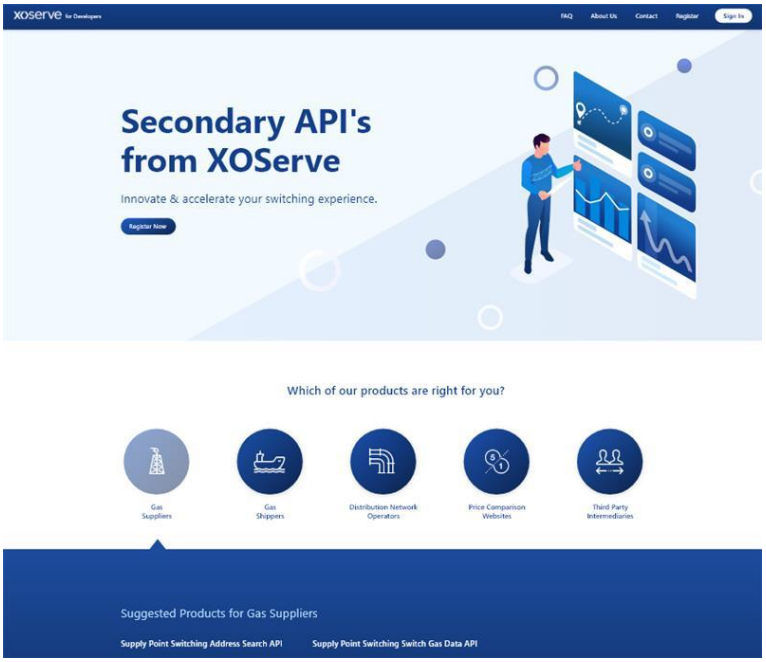
- Request and Manage access to your eligible products



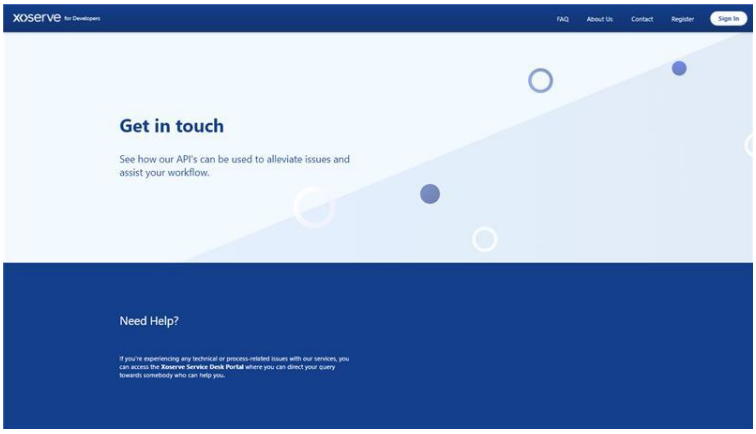
Phase 2

The 2nd Phase is planned in for delivery in Autumn 2021, and this will complete the Secondary Portal Product offering. The features planned as part of this delivery are as follows. **Note** the screenshots shown below are from a Hi-Fidelity Prototype, and show the planned final visual state:

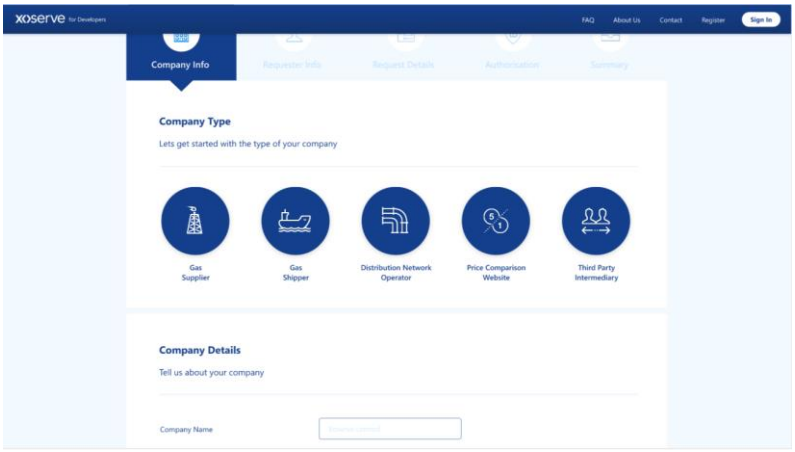
2.2.3 Home Page, Login Page, FAQs



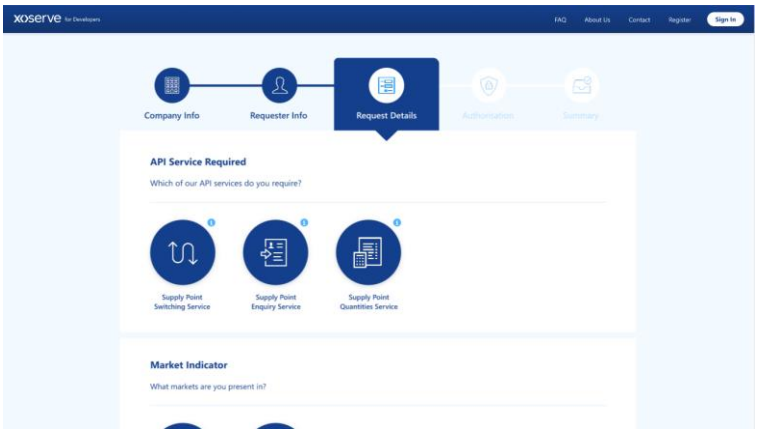
- "Get in Touch"



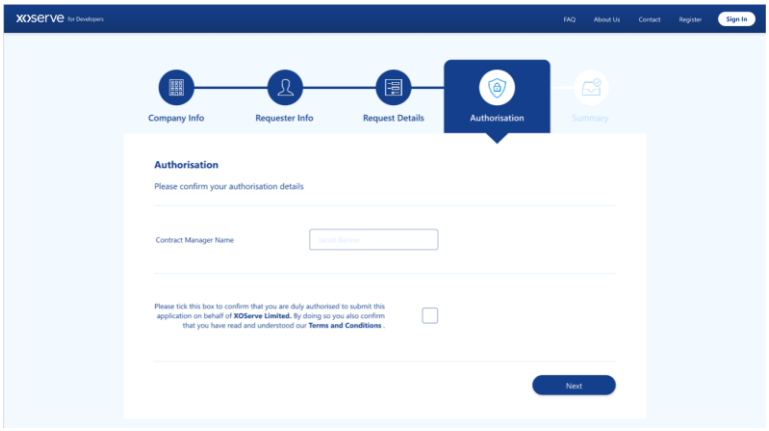
- User Registration, Company Registration,



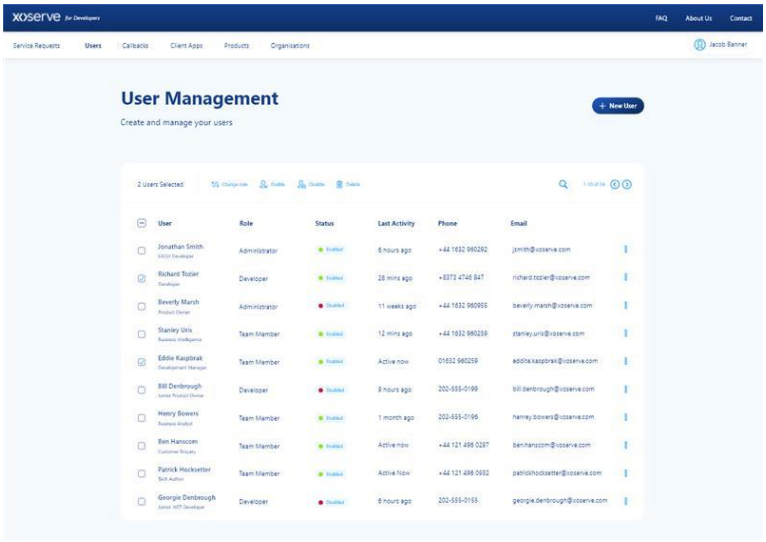
- Request API services



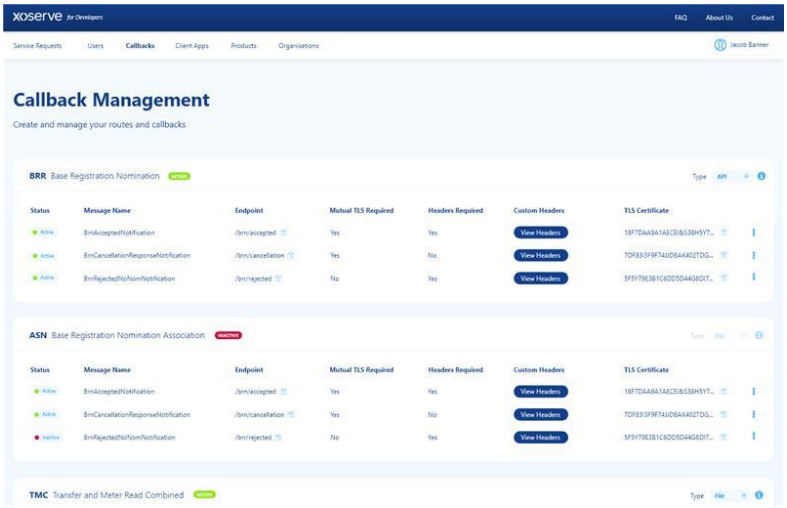
- Authorisation (LRO)



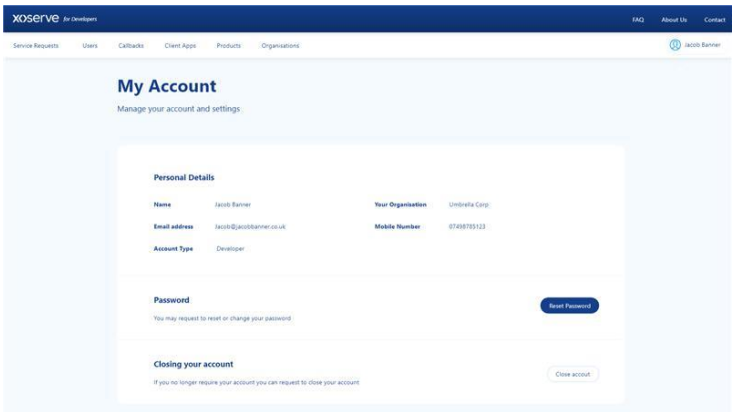
- User management



- Callback Management for all “routes”



- My Account Management



- Service Requests – These will be via ServiceNow

2.3 Correla Sandbox Access

What is it ?

A sandbox has been provided to allow client development teams to test the "Query APIs" against a database that has data used as part of CSS industry testing with Party's Under Integration (PUIs), that has been migrated to the target solution, as part of the CSS programme. The following Querys will be available for clients to test with:

2.3.1

- REL Data Enquiry API (Networks)
- MAP ID Enquiry API (Networks)
- Supply Meter Point Switching - Address Enquiry API (Suppliers, PCWs, TPIs)
- Supply Meter Point Switching - Gas Data Enquiry API (Suppliers, PCWs, TPIs)
- Transportation Rates Enquiry API (Shippers)
- Nomination Enquiry API (Shippers)

Access to Sandbox

To gain access to the Sandbox, you will need to fill out a simple request form which covers all the Xoserve products being made available as part of the wider CSS Programme. A copy of this is in section 3 of this document. Once complete, send it to : *Xoserve.css.sts@xoserve.com*

2.3.2

3. CSS API Access Request Document

Please select what products you require access to:

3.1 Developer Portal Access

Access to The Correla Developer Portal		Yes ☐ No ☐	
IP Range to "white list" for access			
	From	To	
1			
2			
3			
4			
5			
6			
7			
8			
9			
User Names to Access & Email Address			
Name 1			Email 1
Name 2			Email 2
Name 3			Email 3
Name 4			Email 4
Name 5			Email 5

3.2 Access to Secondary Portal –

Note this will be available in August 2021

Access to The Correla Secondary Portal	Yes ☐ No ☐	
User Names & Email Address to Access		
Name 1		Email 1
Name 2		Email 2
Name 3		Email 3
Name 4		Email 4
Name 5		Email 5

3.3 Settlement APIs – In test environments

BRN with NOM - Inbound Settlement	Yes ☐ No ☐
BRN no NOM - Inbound Settlement	Yes ☐ No ☐
Cancel BRN - Inbound Settlement	Yes ☐ No ☐
** Note if any of the above are selected, by default you will receive the following – we will require your webhook information - below	
Outbound Shipper BRR - Outbound Settlement	
BRN Cancellation Response & Rejected BRN Cancellation - Outbound Settlement	
Rejected BRN without a NOM - Outbound Settlement	
Rejected BRN for NOM - Outbound Settlement	
Shipper ASN - Outbound Settlement	
Shipper Transfer of Ownership - Outbound Settlement	
Shipper Ceased Responsibility - Outbound Settlement	

3.4 Query APIs – In test environments

REL Data Enquiry API (Networks)	Yes ☐ No ☐
MAP ID Enquiry API (Networks)	Yes ☐ No ☐
Supply Meter Point Switching - Address Enquiry API (Suppliers, PCWs, TPIs)	Yes ☐ No ☐
Supply Meter Point Switching - Gas Data Enquiry API (Suppliers, PCWs, TPIs)	Yes ☐ No ☐
Transportation Rates Enquiry API (Shippers)	Yes ☐ No ☐
Nomination Enquiry API (Shippers)	Yes ☐ No ☐

3.5 Correla "Sandbox" Access

Access to The Correla Developer Portal	Yes ☐ No ☐		
Return WEBHOOK Location – Secondary APIs:			
BRR			
ASN			
TMC			
User Names to Access & Email Address			
Name 1		Email 1	
Name 2		Email 2	
Name 3		Email 3	
Name 4		Email 4	
Name 5		Email 5	

3.6 CSS Programme UIT Phase

End To End Access – Secondary APIs

Access to E2E	Yes ☐ No ☐		
Return WEBHOOK Location – Secondary APIs:			
BRR			
ASN			
TMC			
User Names to Access & Email Address			
Name 1		Email 1	
Name 2		Email 2	
Name 3		Email 3	
Name 4		Email 4	
Name 5		Email 5	

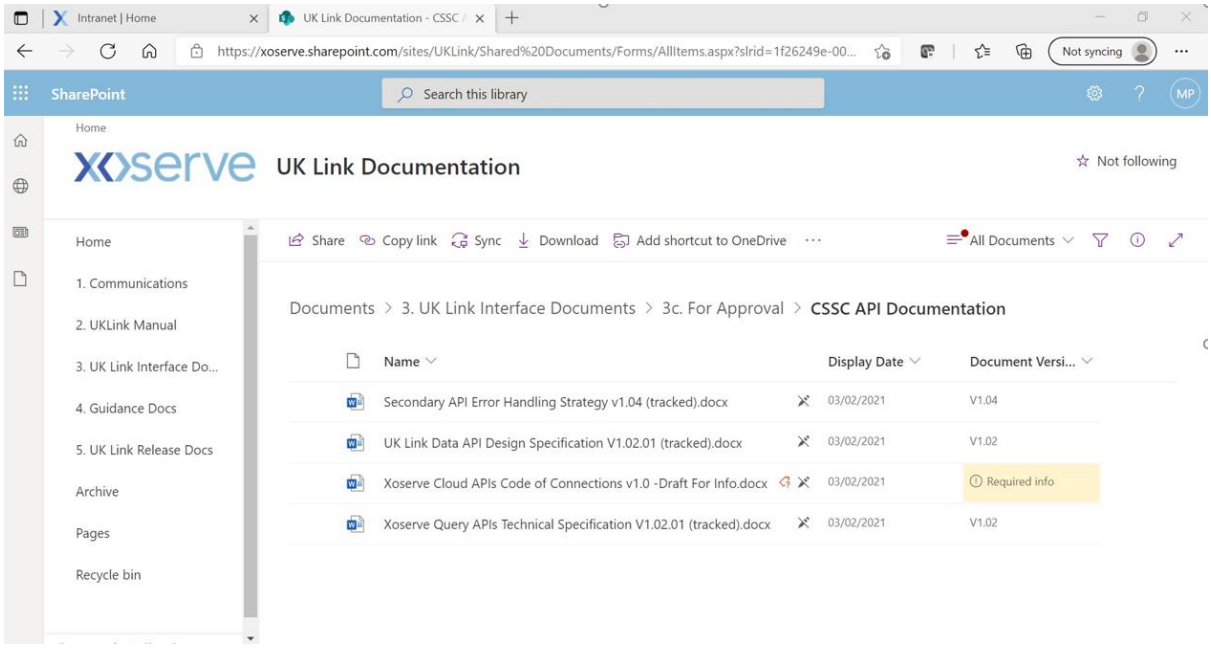
Please send the completed form to: ***Xoserve.css.sts@xoserve.com***

Your request will be completed within 5 working days.

4. Supporting Documentation links

Below is the UKLINK documentation SharePoint site, that customers will have access to, and contains all the relevant documentation required for you to build your APIs.

https://xoserve.sharepoint.com/:f:/r/sites/UKLink/Shared%20Documents/3.%20UK%20Link%20Interface%20Documents/3c.%20For%20Approval/CSSC%20API%20Documentation?csf=1&web=1&e=mzV7MW



At the time of producing this doc, the following links were "current". If the link is not available refer to the link above.

Code of Connections

API Error Handling

Secondary API Design Doc

Query API Design Doc