



CSS Shipper Testing Support Forum

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30th April 2021

Agenda

- Introduction
- Actions
- IX Set up update
- Secondary APIs
- DES Access
- UEPT File management
- AOB & Close

Introduction

- Revised invites have been sent but experiencing issues with a few emails which we are resolving
- Sessions will now be alternate Fridays 1.00-2.00
- Sessions are open for shipper comment on the content and if there are any areas of particular interest please let us know
- A basic schedule will be put together for discussion at the next forum but it will be one that can be changed or added to as required
- Any queries please send to : xoserve.CSS.STS@xoserve.com

Actions

Ref	date raised	Action	Response	Owner	Status
CSS-STSF 01	02-Apr-21	Shippers would like the opportunity to update CMS to reflect changes – confirmation required if there will be a test instance	There will be no test instance of CMS, however, the scripts only have limited Termination functionality which will be handled via the daily stand up calls. Shippers will attend the daily stand up calls and make the request using the test reference which will then be completed by Xoserve , however, this will be confirmed with the SI 16Apr21 raised with the Si and awaiting a response 28Apr21 test schedules will be provided by suppliers by 7th May and following this, SI will liaise with Xoserve. Shippers should, therefore, work with their suppliers	Xoserve	Open
CSS-STSF 02	02-Apr-21	API Interfaces : The plan to enable testing on the swagger portal is currently being worked on and will be advised as soon as complete	Update to be provided at Forum on 16th April 16Apr21 - timings are still being worked on and information will be shared as soon as possible 28Apr21 additional information provided in STSF on 30th April	Xoserve	Open
CSS-STSF 03	02-Apr-21	Table to be sent on the API/IX file table shipper request if a file could be sent to ensure compatibility rather than just connectivity	16Apr21 - API/CSV table provided with notes from 02Apr21	Xoserve	Closed
CSS-STSF 04	02-Apr-21		JG to investigate 16Apr21 - investigations underway and forum to be updated of possibilities	Xoserve	Open
CSS-STSF 05	16-Apr-21	Request for API/CSV table to be re-sent	28Apr21 - sent with notes from Forum on 16Apr	Xoserve	Closed
CSS- STSF 06	16-Apr-21	Change the STSF to alternate Fridays at 1.00-2.00	28Apr21 revised invites sent	Xoserve	Closed
CSS - STSF 07	16-Apr-21	Clarification required on schemas for APIs	28Apr21 included in the presentation at STSF on 30th April	Xoserve	Open

IX set up Update

- For shippers testing in E2E and using conventional csv files , IX will need to be used
- Pack has previously been provided
- Meetings have taken place with the majority of parties concerned to discuss individual queries , however, further meetings can be held if required
- The SI has now provided the list of shippers(and short codes) involved and direct contacts to enable Xoserve to assist shippers in the set up
- Recently been mentioned by the SI that IX set up falls within milestone TE1500 due on 24th May 2021
 - Any issues with this should be taken up with the SI
 - Xoserve will assist in every way to ensure that this milestone can be met
- EFT validation currently being developed – delivery date to be confirmed
- Connectivity plan to be agreed with shippers as required

• API Developer Portal Update

- Our API developer portal (Swagger) is being deployed in two phases:
- Phase 1 is complete, available and includes Settlement APIs
- Phase 2 is in progress and due to complete early June and includes the remaining enquiry APIs
- For anyone who would like access to the portal please provide your details including IP address to allow us to set up your connection.

- API Developer Portal Screen Example

The screenshot displays the XOServe Developer Portal interface. At the top, a green header bar contains the XOServe logo and the text "Developer Portal". To the right of the header, a dropdown menu is highlighted with a red box, showing "Select a definition" and "SETTLEMENT".

Below the header, the main content area is titled "CSSC Settlement API" with version tags "v1.4.154.0" and "GAS3". A small text link "/swagger/settlement/swagger.yaml" is visible below the title.

The interface includes a "Servers" section with a dropdown menu showing "https://devdocs-gas1.nonprod.xoserveapis.com/mock" and an "Authorize" button with a lock icon.

The "SETTLEMENT" section is expanded, showing three API endpoints:

- POST /settlement/v1/brn-cancellation
- POST /settlement/v1/brn-for-nom
- POST /settlement/v1/brn-no-nom

Below the endpoints, the "Schemas" section is expanded, listing four data models:

- RejectionDetailDto >
- ElectronicDeviceDto >
- EndConsumerDetailDto >
- PriorityServiceDto >

- API Developer Portal Screen Example

The screenshot displays the XOServe API Developer Portal interface. At the top, the logo and 'Developer Portal' text are on the left, and a 'Select a definition' dropdown menu is on the right, currently set to 'SETTLEMENT'. Below this, the endpoint path is shown as 'POST /settlement/v1/brn-no-nom'. A 'Schemas' section is highlighted with a red box, containing a list of schema names: 'RejectionDetailDto', 'ElectronicDeviceDto', 'EndConsumerDetailDto', 'PriorityServiceDto', 'ContactDetailDto', 'BrnForRrnDto', and 'InboundShipperBrnForRrnRequest'. The 'ElectronicDeviceDto' schema is expanded to show its structure:

```
ElectronicDeviceDto {  
  description: 567  
  contactElectronicAddress string  
    maxLength: 241  
    minLength: 0  
    nullable: true  
  contactElectronicCommunicationType string  
    maxLength: 3  
    minLength: 0  
    nullable: true  
  rejectionDetails > [...]  
}
```

• API Developer Portal Screen Example

The screenshot displays the XOSERVE Developer Portal interface. At the top, the logo and 'Developer Portal' text are on the left, and a dropdown menu for 'Select a definition' is set to 'SETTLEMENT'. Below this, the API title 'CSSC Settlement API' is shown with version 'v1.4.154.0' and 'OAS3' tags. The Swagger file path is '/swagger/settlements/swagger.yaml'. A 'Servers' section contains a dropdown with the URL 'https://devdocs-qas1.nonprod.xoserveapis.com/mock' and an 'Authorize' button. The main section is titled 'SETTLEMENT' and shows a 'POST' method for the endpoint '/settlement/v1/brn-cancellation'. A 'Try it out' button is highlighted with a red box. Below the endpoint, there are sections for 'Parameters' (No parameters), 'Request body' (application/json-patch+json), and 'Example Value' (Schema) which contains a JSON object with fields like 'azureUniqueReference', 'creationDateTime', 'fileRegTimeStamp', 'organisationId', and 'data'.

XOSERVE Developer Portal

Select a definition **SETTLEMENT**

CSSC Settlement API v1.4.154.0 OAS3

/swagger/settlements/swagger.yaml

Servers

Authorize

SETTLEMENT

POST /settlement/v1/brn-cancellation **Try it out**

Parameters

No parameters

Request body

Example Value | Schema

```
{
  "azureUniqueReference": "string",
  "creationDateTime": "string",
  "fileRegTimeStamp": "string",
  "organisationId": "string",
  "data": {
    "brnReferenceNumber": "string",
    "meterPointReferenceNumber": "string",
    "cancellationReasonCode": "string"
  }
}
```

• API Developer Portal Screen Example

The screenshot displays an API Developer Portal interface. At the top, there is a green header with the 'XO xoserve Developer Portal' logo on the left and a 'Select a definition' dropdown menu on the right, currently showing 'QUERIES'. Below the header, the main content area is titled '(query)'. It features a blue 'Execute' button and a 'Clear' button. Underneath, the 'Responses' section is visible, containing several panels: 'Curl' with a curl command, 'Request URL' with the endpoint, 'Server response' with a '200' status code, 'Response body' with a large JSON object, and 'Response headers' with various headers like 'api-supported-versions: 1' and 'content-type: application/json; charset=utf-8'. The JSON body contains detailed meter and consumption information.

```
curl -X GET "https://devdocs-gas1.nonprod.xoserveapis.com/mock/query/v1/nomination?meterPointReference=545455&postcode=ab1204bd&nominationShipperRef=test&consumptionDetailsRequired=Y" -H "accept: application/json"
```

```
https://devdocs-gas1.nonprod.xoserveapis.com/mock/query/v1/nomination?meterPointReference=545455&postcode=ab1204bd&nominationShipperRef=test&consumptionDetailsRequired=Y
```

200

```
{
  "consumptionInformation": {
    "consumptionStartDate": "20210423",
    "consumptionEndDate": "20210423",
    "consumptionValue": "ConsumptionValue"
  },
  "meterPointReferenceNumber": "5454555",
  "meterLocationCode": "MeterLocationCode",
  "meterSerialNumber": "MeterSerialNumber",
  "supplyMeterPointAq": "SupplyMeterPointAq",
  "dreSerialNumber": "DreSerialNumber",
  "dreLinkNumber": "DreLinkNumber",
  "meterLinkCode": "MeterLinkCode",
  "correctionFactor": "12.34",
  "operationalStatus": "20210423",
  "meterMechanism": "MeterMechanism",
  "numberOfficialDigits": "NumberOfficialDigits",
  "previousSupplierShortCode": "PreviousSupplierShortCode",
  "formulaYearSeqAq": "FormulaYearSeqAq",
  "amIndicator": "AmIndicator"
},
  "consumptionStartDate": "20210423"
}
```

```
api-supported-versions: 1
content-encoding: gzip
content-length: 1132
content-type: application/json; charset=utf-8
date: Fri, 10 Apr 2021 09:13:28 GMT
```

Secondary APIs

- Previous requests have been made for confirmation of the build and development of secondary APIs with limited response.
- Access to any shipper is now available to test , therefore, if required please send a request to :
 - xoserve.CSS.STS@xoserve.com
 - Place “API Test Access” in the header

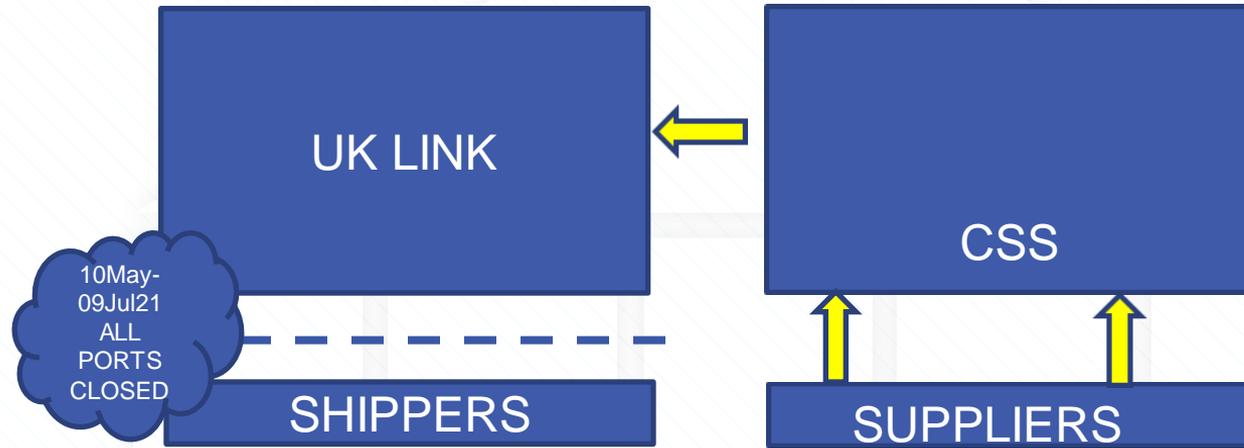
• UEPT – Data Enquiry Service

- For UEPT a list of users for DES has been provided to us by the SI.
- You will be provided with login details (email address and password details) in readiness for UEPT.
- Any password resets will need to be requested via email to xoserve.CSS.STS@xoserve.com with “DES ACCESS” included in the subject.
- Where users normally have to accept the various T&Cs this will be replaced by the following text:
 - By logging in, you are agreeing to the Terms & Conditions and Data Enquiry Service Terms of Use as held on the Xoserve Website: <https://www.xoserve.com/terms-and-conditionshttps://www.xoserve.com/media/1089/des-terms-of-use.pdf>
 - Privacy Notice can be found here: <https://www.xoserveservices.com/login/CustomLoginPage.jsp#URL=operations>
- Roles for shippers and suppliers are different , therefore, if required shipper access should be requested in its own right
- Any requests for access, in the first instance, go through the SI

UEPT File Management

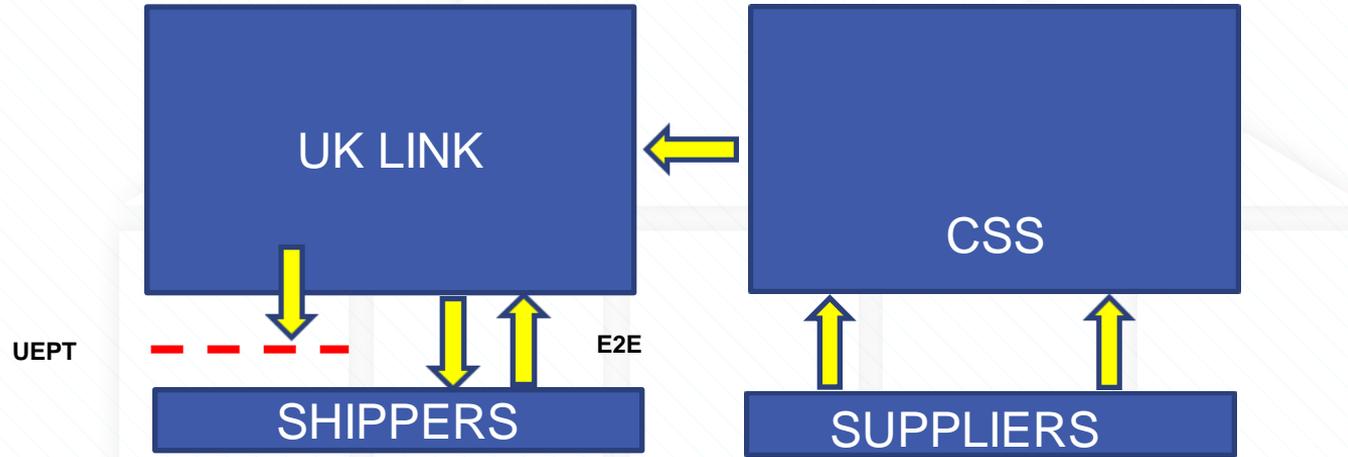
- All ports into UK Link will be closed in the UEPT period from 10May21-09Jul21
- Ports will only be opened for those shippers taking part in E2E
- No batch runs will take place through UEPT but flows will take place between UK Link and Gemini
- Batch will be turned back on for E2E
- Ports are shipper short code driven
 - These will be the shipper short codes (MPIDs) provided by the SI

UEPT/E2E File Management 10May-09Jul21



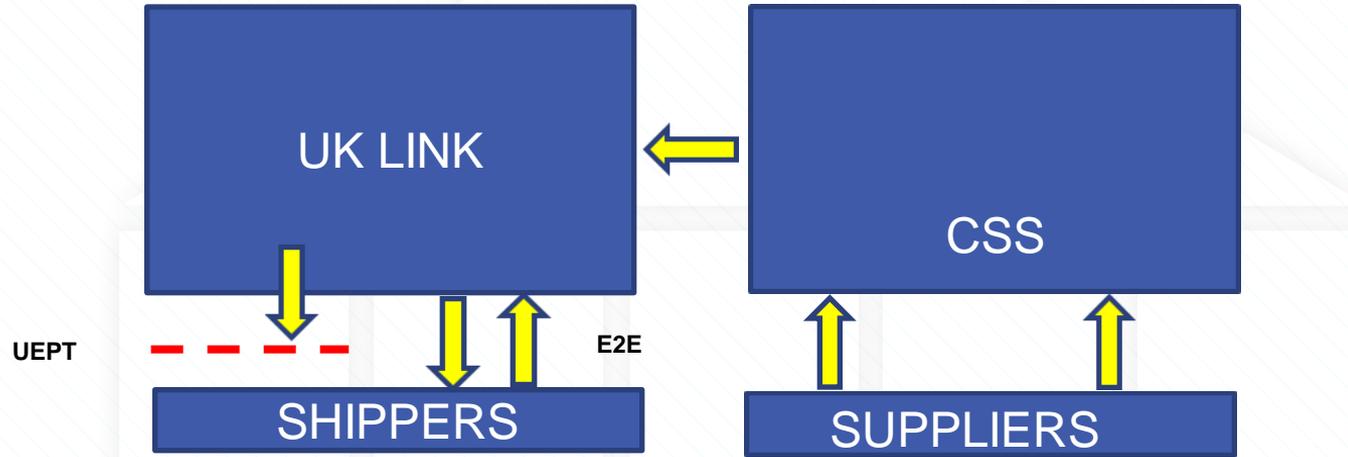
- No connection with UK Link for UEPT for shippers, however, UK Link cannot stop internally processing of files and will be set up to run as E2E from 10th May
- All ports closed and no batch runs
- Files will stack at the gateway
- Ports will be opened for all E2E parties on 9th July
- Files for UEPT **only** parties will be cleared by Xoserve
 - Assumption that these files will not be required
 - IX will not be set up for testing

UEPT /E2E File Management 10Jul-10Dec21



- From 9th July, ports will be open for E2E shippers only (against the shipper short codes provided)
- For those E2E shippers still carrying out UEPT testing, flows will be sent and cannot be stopped
 - Potential impact to those in UEPT tranches 1 (10May-06Aug) & 2 (14Jun-27Aug)
 - Shippers need to be aware that files will be received which are not expected and not part of an E2E test case
 - This is not a fault and should not be raised as a defect
 - Individual shipper decision to delete or consume into test environment (depending how systems are set up)

UEPT /E2E File Management 10Jul-10Dec21



- Decision to be made by E2E shippers :
 - Files built up during UEPT – are any required to keep portfolios aligned ?
 - This may depend on how organisations individual systems are set up.
 - Xoserve to delete files prior to E2E starting ?
 - Files to be sent and shippers to delete as required
 - Potential for high number of files dependant on level of UEPT activity
- Xoserve will contact each shipper to agree the approach to be taken

Forthcoming Forum potential subjects

- CCMT processes aligned to E2E
- Gemini
- DES
- Specific support requirements
- How do Xoserve support you through :
 - UEPT
 - E2E

AOB & Close

