



# **XRN4795 – Amendments to PARR (520a) reporting**

High Level Solution Option  
Assessment

# Change Overview

## XRN4795 – Amendments to the PARR (520a) reporting

Change includes following amendments to the existing schedule 2 PARR reporting suite.

- Schedule Changes from 20<sup>th</sup> every month to 10<sup>th</sup>
- Provide M-1 reporting where possible
- Change the transfer read performance report
- Change the read performance report
- Remove NTS meter points from 2A.7

## Solution Options

1

Amend the reports as stated in excel document (not multiple solution options) with Historic Updates

2

Amend the reports as stated in excel document (not multiple solution options) without Historic Updates

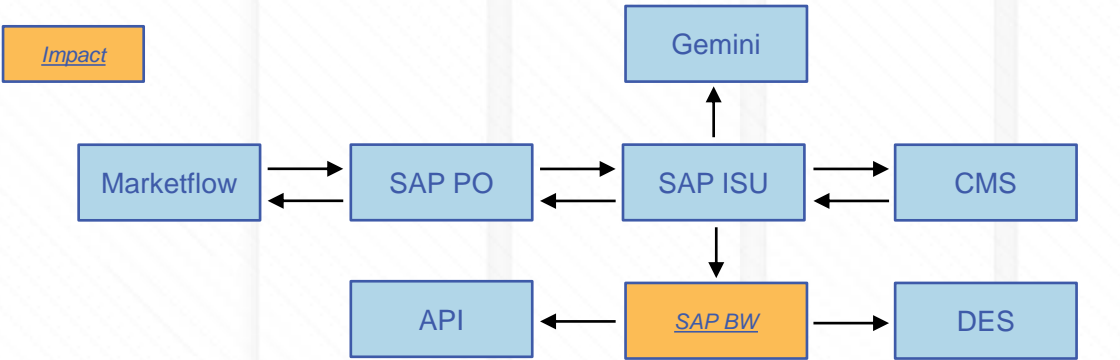
# Option 1 - High Level Impact Assessment

## 1 - Amend the reports as stated in excel document (not multiple solution options)

The following changes will be done as part of this solution option :

- BW changes required to populate relevant data for reporting -
- BW DSO (DUK\_SHPP) transformation logic change is required to handle required changes .
- BO Reports Modification -Report id 1253 and Report Id 1254
- Scheduling changes will be made to run the report on 10<sup>th</sup> of every month
- Historical build and report generations for Performance class 1 /2/3 topic and No read topic

### Impacted Systems



### Assumptions

- NTS sites would be excluded even in portfolio count while calculating percentage topics
- Historical data correction will be applicable for the following:
  - i. Shipper Transfer read performance
  - ii. Read performance
  - iii. No Reads received for 1,2,3 or 4 years

| Overall Impact | Release Type  | High Level Cost Estimate |
|----------------|---------------|--------------------------|
| Medium         | Major / Minor | 45,000 – 55,000 GBP      |

# Option 1 - System Impact Assessment

1

|                                   | SAP BW   | SAP BO                 |   |   |   |  |
|-----------------------------------|--|------------------------|---|---|---|--|
| <b>System Component:</b>          | DUK_SHPP - DSO   | Reports Modification   |   |   |   |  |
| <b>Development Type:</b>          | Enhancement  | Enhancement            |   |   |   |  |
| <b>Impacted User(s):</b>          | Shippers   | Shippers               |   |   |   |  |
| <b>Build Type:</b>                | Existing   | Existing               |   |   |   |  |
| <b>Change Description:</b>        | Code will be modified to amend the Transformation logic and historical load correction. Scheduling changes will be made to run the reports on 10 <sup>th</sup> of every month. | Reports to be modified |   |   |   |  |
| <b>Requirement Clarity:</b>       | G  | G                      | G | G | G |  |
| <b>Change Complexity:</b>         | G  | G                      | G | G | G |  |
| <b>Integration Complexity:</b>    | G  | G                      | G | G | G |  |
| <b>Test Data Prep Complexity:</b> | G  | G                      | G | G | G |  |
| <b>Test Execution:</b>            | G  | G                      | G | G | G |  |
| <b>Regression Testing Impact:</b> | G  | G                      | G | G | G |  |
| <b>Performance Impact:</b>        | G  | G                      | G | G | G |  |

# Option 1 - Process Impact Assessment

| Process Area          | Complexity      | File Formats | Exceptions  | External Screens | Batch Jobs  | Performance Test? |
|-----------------------|-----------------|--------------|-------------|------------------|-------------|-------------------|
| SPA                   | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Metering (Reads)      | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Reconciliation        | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Invoicing – Capacity  | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Invoicing – Commodity | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Invoicing – Amendment | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Invoicing – Other     | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Rolling AQ            | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Formula Year AQ       | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| RGMA                  | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| DSC Service           | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Other (Specify)       | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |

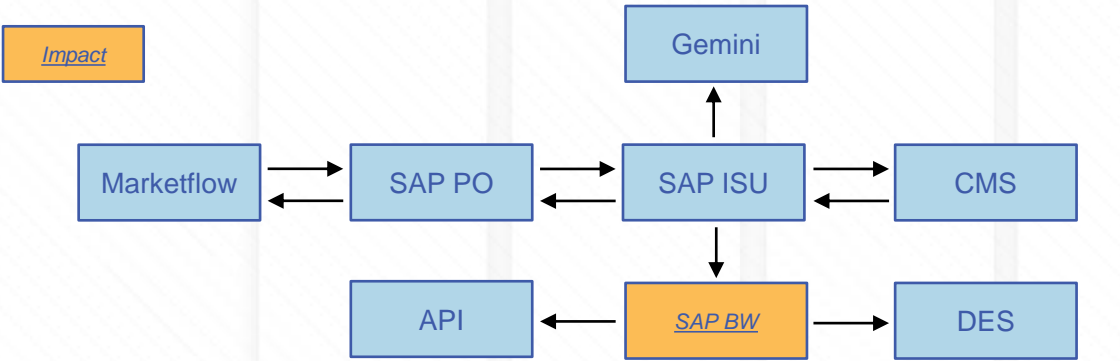
# Option 2 - High Level Impact Assessment

## 2 - Amend the reports as stated in excel document (not multiple solution options) without Historic Updates

The following changes will be done as part of this solution option :

- BW changes required to populate relevant data for reporting -
- BW DSO (DUK\_SHPP) transformation logic change is required to handle required changes .
- BO Reports Modification -Report id 1253 and Report Id 1254
- Scheduling changes will be made to run the report on 10<sup>th</sup> of every month

### Impacted Systems



### Assumptions

- NTS sites would be excluded even in portfolio count while calculating percentage topics

| Overall Impact | Release Type  | High Level Cost Estimate |
|----------------|---------------|--------------------------|
| Medium         | Major / Minor | 35,000 – 45,000 GBP      |

# Option 2- System Impact Assessment

|                                   | SAP BW  | SAP BO                 |   |   |   |  |
|-----------------------------------|---|------------------------|---|---|---|--|
| <b>System Component:</b>          | DUK_SHPP - DSO  | Reports Modification   |   |   |   |  |
| <b>Development Type:</b>          | Enhancement   | Enhancement            |   |   |   |  |
| <b>Impacted User(s):</b>          | Shippers  | Shippers               |   |   |   |  |
| <b>Build Type:</b>                | Existing  | Existing               |   |   |   |  |
| <b>Change Description:</b>        | Code will be modified to amend the Transformation logic. Scheduling changes will be made to run the reports on 10 <sup>th</sup> of every month. | Reports to be modified |   |   |   |  |
| <b>Requirement Clarity:</b>       | G   | G                      | G | G | G |  |
| <b>Change Complexity:</b>         | G   | G                      | G | G | G |  |
| <b>Integration Complexity:</b>    | G   | G                      | G | G | G |  |
| <b>Test Data Prep Complexity:</b> | G   | G                      | G | G | G |  |
| <b>Test Execution:</b>            | G   | G                      | G | G | G |  |
| <b>Regression Testing Impact:</b> | G   | G                      | G | G | G |  |
| <b>Performance Impact:</b>        | G   | G                      | G | G | G |  |

# Option 2 - Process Impact Assessment

| Process Area          | Complexity      | File Formats | Exceptions  | External Screens | Batch Jobs  | Performance Test? |
|-----------------------|-----------------|--------------|-------------|------------------|-------------|-------------------|
| SPA                   | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Metering (Reads)      | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Reconciliation        | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Invoicing – Capacity  | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Invoicing – Commodity | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Invoicing – Amendment | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Invoicing – Other     | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Rolling AQ            | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Formula Year AQ       | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| RGMA                  | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| DSC Service           | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |
| Other (Specify)       | n/a / H / M / L | n/a / Y / N  | n/a / Y / N | n/a / Y / N      | n/a / Y / N | n/a / Y / N       |