

# **T2 DWH: Obstacles with different output formats**

**Topic:**

**Long-term solutions for obstacles with different  
output formats (Tab Issue and Data Issue)**

*T2-CG Meeting 16/10/2024*

# T2 DWH: Obstacles with different output formats

- **While the formats HTML (COGNOS), Excel and PDF are working fine, there are different obstacles when using Excel Data, CSV and XML (caused by technical restrictions of the format itself or by the implementation of the format within COGNOS)**
- **More detailed, the obstacles can be categorised into:**
  - Tab Issue: Only first tab of the HTML version is exported
  - Data issue: Only first list / report objects reflected (in consequence not all data are displayed)
- **4CB presents the long-term solutions on the next slides**

# T2 DWH: Tab Issue

- The Tab Issue defines that only the first tab of the HTML version is exported when using Excel Data, CSV and XML
- Available workaround: **no workaround available for normal users**

## 4CB long-term solution:

- The input screens of the affected T2 PDRs will be enhanced by an additional input filter for selecting the necessary tab. The corresponding T2 PDR screenshots need to be adapted in the T2 DWH UHB.
- Thus, the affected T2 PDR will not only show the information on the first tab as default option when using Excel data, CSV or XML, but the customer is able to select any other tab as well. Nevertheless, all other formats (e.g. HTML) are still showing all tabs and not only the selected one in the output screen
- 4CB will implement the long-term solution for the Tab issue with release **NOV.25**

# T2 DWH: Tab Issue Affected T2 PDRs

Report	Issue	Number of Tabs (for preselection)	Current issue in CSV
<b>BDY01</b>	Tab Issue	2	Only shows data of Tab 1
<b>MIR01</b>	Tab Issue	2	Only shows data of Tab 1
<b>PAR02</b>	Tab Issue	2	Only shows data of Tab 1
<b>TRN05</b>	Tab Issue	4	Only shows data of Tab 1 (except for Overall Total)
<b>TRN08</b>	Tab Issue	4	Only shows data of Tab 1

# T2 DWH: Tab Issue

## Example for preselection (IDC02)

1. Depending on the option:
  - (i) It is possible to select the necessary tab in the input screen of the T2 PDR or
  - (ii) Prior to the input screen of the T2 PDR, is it possible to select the necessary tab

=> Example: Select "Amount of IDC used" (2<sup>nd</sup> Tab)

2. Select input criteria for T2 PDR (as usual)

Data Warehouse | IDC02 - Credit line - ID ... export

Edit | HTML

### IDC02 - Credit line/IDC daily reporting

Data object to be exported in CSV, XML: Amount of credit line

Run the report with manual or dynamic Data: [Dropdown]

Date: \* Apr 8, 2024

Keywords: Input keywords here

Party BIC: \* PBACAQD0XXX - CSLD BBK C

Starts with any of these keywords

Case Insensitive

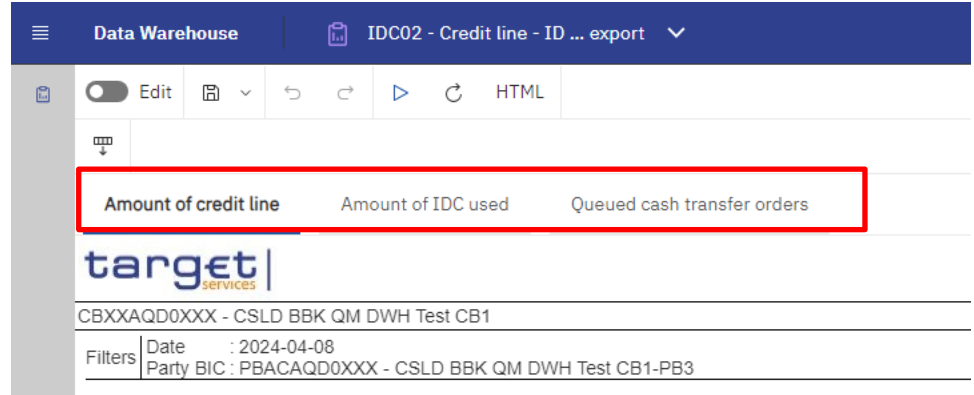
Cancel Finish

Reprompt

# T2 DWH: Tab Issue

## Example for preselection (IDC02)

3. The HTML view will still show all Tabs and it is possible to switch between them



4. The CSV, XML or Excel Data view will only include the tab selected in the preselection screen (step 1) / works as well for scheduling

	A	B	C	D	E	F	G	H	I	J	K
	Date SK	Party SK	Calendar Date	Displayed Time Period Start	Displayed Time Period End	IDC_W_Avg_Am t	Intraday Credit Used Minimum Amount in Interval	Intraday Credit Used Maximum Amount in Interval	Intraday Credit Used Standard Deviation	Intraday Credit Used Number of Changes in Interval	IDC_Stdev_ges
1											
2	120240408	51063	05.04.2024	15:46	19:00	6314.91	6311.23	6314.91	0.01	1	
3	120240408	51063	05.04.2024	19:00	20:00	6314.91	6314.91	6314.91	0	0	
4	120240408	51063	05.04.2024	20:00	21:00	6314.91	6314.91	6314.91	0	0	
5	120240408	51063	05.04.2024	21:00	22:00	6314.91	6314.91	6314.91	0	0	
6	120240408	51063	05.04.2024	22:00	23:00	6314.91	6314.91	6314.91	0	0	
7	120240408	51063	05.04.2024	23:00	00:00	6314.91	6314.91	6314.91	0	0	
8	120240408	51063	08.04.2024	00:00	01:00						
9	120240408	51063	08.04.2024	01:00	02:00						
10	120240408	51063	08.04.2024	02:00	03:00	631.490.999.998	6314.91	6314.91	0	0	
11	120240408	51063	08.04.2024	03:00	04:00	6314.91	6314.91	6314.91	0	0	
12	120240408	51063	08.04.2024	04:00	05:00	6314.91	6314.91	6314.91	0	0	
13	120240408	51063	08.04.2024	05:00	06:00	6314.91	6314.91	6314.91	0	0	
14	120240408	51063	08.04.2024	06:00	07:00	6314.91	6314.91	6314.91	0	0	
15	120240408	51063	08.04.2024	07:00	08:00	6314.91	6314.91	6314.91	0	0	
16	120240408	51063	08.04.2024	08:00	09:00	6314.91	6314.91	6314.91	0	0	
17	120240408	51063	08.04.2024	09:00	10:00	6314.91	6314.91	6314.91	0	0	

# T2 DWH: Data Issue

- The Data Issue defines that only the first list / report objects are reflected when using Excel Data, CSV and XML (in consequence not all data are displayed)
- Available workaround: **workaround via Excel (manual conversion into csv for example)**

## 4CB long-term solution:

- The data of the affected T2 PDRs can be provided as raw data (what means without any format, totals)
- Thus, all data can be provided when using Excel data, CSV or XML and the customer is able to prepare the data himself by using filters / sorting criteria.
- 4CB will implement the long-term solution for the Data issue with release NOV.25

# T2 DWH: Data Issue

## Affected T2 PDRs

Report	Issue	Issue in CSV
<b>TRN03</b>	Data Issue	Only shows Currency, Party, Year / Month and Cash Transfer Status without any data
<b>TRN06</b>	Data Issue	Only shows Party BIC, Party (short) and currency code without any data



# T2 DWH: Data Issue

## Example for unfiltered data

1. In HTML view, the raw data in the output screen of a T2 PDR is normally formatted (e.g. calculation of Totals). Nevertheless, those data criteria are leading to empty / incomplete reports when using CSV, XML or Excel Data



### TRN04 - Cash transfers per time band and per CB

CBXXAQD0XXX - CSLD BBK QM DWH Test CB1

Filters | Date : 2024-08-12

Cash transfers per time band and CB  
for T2 CLM COMPONENT  
Currency : EUR

Time band	Volume				Value			
	Domestic	Cross border debited	Cross border credited	Cumulated volume	Domestic	Cross border debited	Cross border credited	Cumulated value
before 19:00	1	0	0	1	5,000.00	0.00	0.00	5,000.00
02:30	17	5	3	25	11,760,056.25	3,253,418.75	2,152,033.25	17,165,508.25
06:45	1	0	0	1	2,300.00	0.00	0.00	2,300.00
09:00	8	0	0	8	69,674.27	0.00	0.00	69,674.27
09:45	1	0	0	1	21,720.65	0.00	0.00	21,720.65
11:00	2	0	0	2	3,637.00	0.00	0.00	3,637.00
11:45	10	2	2	14	10,506,347.50	2,101,325.50	2,101,315.50	14,708,988.50
12:00	3	0	0	3	8,456,159.75	0.00	0.00	8,456,159.75
13:00	9	2	2	13	9,455,759.75	2,101,325.50	2,101,315.50	13,658,400.75
13:15	4	0	0	4	5,354,714.25	0.00	0.00	5,354,714.25
14:45	4	0	0	4	210,020.00	0.00	0.00	210,020.00
16:15	1	0	0	1	1.03	0.00	0.00	1.03
16:45	0	0	1	1	0.00	0.00	1,085,023.28	1,085,023.28
17:00	1	0	0	1	835.56	0.00	0.00	835.56
<b>Total</b>	<b>62</b>	<b>9</b>	<b>8</b>	<b>79</b>	<b>45,846,226.01</b>	<b>7,456,069.75</b>	<b>7,439,687.53</b>	<b>60,741,983.29</b>

	A	B	C	D	E	F	G
1	The Date	Service					
2	8/12/2024	T2 RTGS COMPONENT					
3	8/12/2024	T2 CLM COMPONENT					
4							
5							

# T2 DWH: Data Issue

## Example for unfiltered data

2. In order to solve this issue, 4CB will provide raw data in CSV, XML and Excel Data format

Time band	Domestic	Cross border debited	Cross border credited	Cumulated volume	Domestic	Cross border debited	Cross border credited	Cumulated value
before 19:00	1	0	0	1	5000	0	0	5000
2:30	17	5	3	25	11760056,25	3253418,75	2152033,25	17165508,25
6:45	1	0	0	1	2300	0	0	2300
9:00	8	0	0	8	69674,27	0	0	69674,27
9:45	1	0	0	1	21720,65	0	0	21720,65
11:00	2	0	0	2	3637	0	0	3637
11:45	10	2	2	14	10506347,5	2101325,5	2101315,5	14708988,5
12:00	3	0	0	3	8456159,75	0	0	8456159,75
13:00	9	2	2	13	9455759,75	2101325,5	2101315,5	13658400,75
13:15	4	0	0	4	5354714,25	0	0	5354714,25
14:45	4	0	0	4	210020	0	0	210020
16:15	1	0	0	1	1,03	0	0	1,03
16:45	0	0	1	1	0	0	1085023,28	1085023,28
17:00	1	0	0	1	835,56	0	0	835,56

3. As all relevant data is now available in CSV, XML or Excel data, the customer is able to apply the needed sorting criteria / filters by himself (for example calculations of sums)

Time band	Domestic	Cross border debited	Cross border credited	Cumulated volume	Domestic	Cross border debited	Cross border credited	Cumulated value
before 19:00	1	0	0	1	5000	0	0	5000
2:30	17	5	3	25	11760056,25	3253418,75	2152033,25	17165508,25
6:45	1	0	0	1	2300	0	0	2300
9:00	8	0	0	8	69674,27	0	0	69674,27
9:45	1	0	0	1	21720,65	0	0	21720,65
11:00	2	0	0	2	3637	0	0	3637
11:45	10	2	2	14	10506347,5	2101325,5	2101315,5	14708988,5
12:00	3	0	0	3	8456159,75	0	0	8456159,75
13:00	9	2	2	13	9455759,75	2101325,5	2101315,5	13658400,75
13:15	4	0	0	4	5354714,25	0	0	5354714,25
14:45	4	0	0	4	210020	0	0	210020
16:15	1	0	0	1	1,03	0	0	1,03
16:45	0	0	1	1	0	0	1085023,28	1085023,28
17:00	1	0	0	1	835,56	0	0	835,56
<b>Total</b>	<b>62</b>	<b>9</b>	<b>8</b>	<b>79</b>	<b>45846226,01</b>	<b>7456069,75</b>	<b>7439687,53</b>	<b>60741983,29</b>

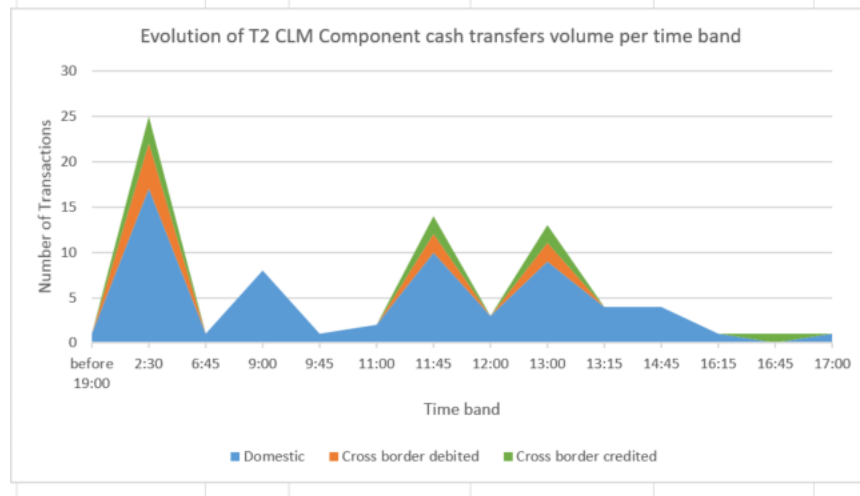
# T2 DWH: Data Issue

## Example for unfiltered data

4. Same procedure for graphical illustrations\*: As all relevant data is available, the customer is able to create the graphical illustration as well.

For example, the graphical illustration shown in TRN04 can be created by the User

Time band	Domestic	Cross border debited	Cross border credited	Cumulated volume
before 19:00	1	0	0	1
2:30	17	5	3	25
6:45	1	0	0	1
9:00	8	0	0	8
9:45	1	0	0	1
11:00	2	0	0	2
11:45	10	2	2	14
12:00	3	0	0	3
13:00	9	2	2	13
13:15	4	0	0	4
14:45	4	0	0	4
16:15	1	0	0	1
16:45	0	0	1	1
17:00	1	0	0	1
<b>Total</b>	<b>62</b>	<b>9</b>	<b>8</b>	<b>79</b>



\* T2 PDRs including graphical illustrations are: IDC01, IDC03, IDC04, IDC06, STF01, TRN04

# T2 DWH: Data Issue

## Example – unfiltered XML data

```

<?xml version="1.0" encoding="UTF-8"?>
- <dataset xmlns:xs="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://developer.cc
  <!-- <dataset xmlns="http://developer.cognos.com/schemas/xmldata/1/" xmlns:xs="http://www.v
- <metadata>
  <item length="74" type="xs:string" name="Currency"/>
  <item length="702" type="xs:string" name="Service"/>
  <item length="26" type="xs:string" name="Time band"/>
  <item type="xs:decimal" name="Volume domestic" precision="39"/>
  <item type="xs:decimal" name="Volume cross border debited" precision="39"/>
  <item type="xs:decimal" name="Volume cross border credited" precision="39"/>
  <item type="xs:decimal" name="Volume cumulated" precision="39"/>
  <item type="xs:decimal" name="Amount domestic" precision="39" scale="2"/>
  <item type="xs:decimal" name="Amount cross border debited" precision="39" scale="2"/>
  <item type="xs:decimal" name="Amount cross border credited" precision="39" scale="2"/>
  <item type="xs:decimal" name="Amount cumulated" precision="39" scale="2"/>
</metadata>
- <data>
  - <row>
    <value>Euro</value>
    <value>T2 CLM COMPONENT</value>
    <value>before 19:00</value>
    <value>3</value>
    <value>0</value>
    <value>0</value>
    <value>3</value>
    <value>31371.24</value>
    <value>0</value>
    <value>0</value>
    <value>31371.24</value>
  </row>
  - <row>
    <value>Euro</value>
    <value>T2 CLM COMPONENT</value>
    <value>13:15</value>
    <value>1</value>
    <value>0</value>
    <value>0</value>
    <value>1</value>
    <value>1778.77</value>
    <value>0</value>
    <value>0</value>
    <value>1778.77</value>
  </row>
  
```

# Annex:

## Examples of Tab issue and Data Issue

# T2 DWH: Example of Tab Issue (BDY01)

All tabs are exported in HTML, same for PDF and Excel

Business Day event/delay information and settlement opening time - CLM		Business Day event/delay information and settlement opening time - RTGS					
target services		<b>BDY01 - Business Day event/delay information and settlement opening time</b>					2024-04-12 15:15:12 IAC - Internal User Acceptance Test
:BXXAQD0XXX - CSLD BBK QM DWH Test CB1							
Filters	Service : CLM Currency : EUR	Date From : 2023-05-12 Date To : 2024-03-12					
<b>12.05.2023</b>							
Event	Event code	Planned time	Revised time	Effective time	End time		
CT01 - BDM BD to CLM	CT01	2023-05-11 05:00:00 PM		2023-05-11 06:37:34 PM	2023-05-11 06:37:35 PM		
CSOD - change of business day	CSOD	2023-05-11 05:00:00 PM	2023-05-11 05:00:00 PM	2023-05-11 06:37:48 PM	2023-05-11 06:37:48 PM		
CRTI - Start of CLM RTS	CRTI	2023-05-11 05:15:00 PM	2023-05-11 05:15:00 PM	2023-05-11 06:37:48 PM	2023-05-11 06:38:00 PM		
CESO - Execution of standing orders in CLM	CESO	2023-05-11 05:30:00 PM	2023-05-11 05:30:00 PM	2023-05-11 06:38:00 PM	2023-05-11 06:38:01 PM		
CSMW - Start of non-optional maintenance window	CSMW	2023-05-12 06:00:00 AM	2023-05-12 06:00:00 AM	2023-05-12 09:40:34 AM	2023-05-12 09:41:00 AM		
CEMW - End of non-optional maintenance window	CEMW	2023-05-12 10:00:00 AM	2023-05-12 10:00:00 AM	2023-05-12 10:00:00 AM	2023-05-12 10:00:00 AM		
T2PC - Data Propagation for T2 (CLM - RTGS) Pre Check	T2PC	2023-05-12 12:20:00 PM		2023-05-12 12:20:00 PM	2023-05-12 01:03:23 PM		
CCII - Cut-off for CLM RTS	CCII	2023-05-12 04:15:00 PM	2023-05-12 02:45:00 PM	2023-05-12 02:45:02 PM	2023-05-12 02:45:04 PM		

Business Day event/delay information and settlement opening time - CLM		Business Day event/delay information and settlement opening time - RTGS					
target services		<b>BDY01 - Business Day event/delay information and settlement opening time</b>					2024-04-12 15:15:12 IAC - Internal User Acceptance Test
:CBXXAQD0XXX - CSLD BBK QM DWH Test CB1							
Filters	Service : RTGS Currency : EUR	Date From : 2023-05-12 Date To : 2024-03-12					
<b>12.05.2023</b>							
Event	Event code	Planned time	Revised time	Effective time	End time		
RT01 - BDM BD to RTGS	RT01	2023-05-11 05:00:00 PM		2023-05-11 06:38:01 PM	2023-05-11 06:38:01 PM		
RSOD - Change of business day	RSOD	2023-05-11 05:00:00 PM	2023-05-11 05:00:00 PM	2023-05-11 06:38:11 PM	2023-05-11 06:38:11 PM		
RRTI - Start of RTGS RTS I	RRTI	2023-05-11 05:15:00 PM	2023-05-11 05:15:00 PM	2023-05-11 06:38:12 PM	2023-05-11 06:38:12 PM		
RESO - Execution of standing orders in RTGS	RESO	2023-05-11 05:30:00 PM		2023-05-11 06:38:12 PM	2023-05-11 06:38:13 PM		
CSMW - Start of non-optional maintenance window	CSMW	2023-05-12 06:00:00 AM	2023-05-12 06:00:00 AM	2023-05-12 09:40:34 AM	2023-05-12 09:41:00 AM		

# T2 DWH: Example of Tab Issue (BDY01)

Only first tab of HTML version (CLM) is exported in CSV, same results for Excel data and XML

The Date	Event	Event code	Planned time	Revised time	Effective time	End time
9/15/2023	CT01 - BDM BD to CT01		9/14/2023 17:00		9/14/2023 16:00	9/14/2023 16:00
9/15/2023	CSOD - change of CSOD		9/14/2023 17:00	9/14/2023 16:00	9/14/2023 16:01	9/14/2023 16:01
9/15/2023	CRTI - Start of CLM CRTI		9/14/2023 17:15	9/14/2023 16:15	9/14/2023 16:15	9/14/2023 16:16
9/15/2023	CESO - Execution CESO		9/14/2023 17:30	9/14/2023 16:30	9/14/2023 16:30	9/14/2023 16:30
9/15/2023	T2PC - Data Propa T2PC		9/15/2023 12:25		9/15/2023 13:28	9/15/2023 13:33
9/15/2023	CCII - Cut-off for CCII		9/15/2023 16:15	9/15/2023 14:45	9/15/2023 14:45	9/15/2023 15:06
9/15/2023	T2D2 - Data propa T2D2		9/15/2023 16:35		9/15/2023 15:02	9/15/2023 15:28
9/15/2023	CEOD - Start of Eo CEOD		9/15/2023 16:15		9/15/2023 15:08	9/15/2023 15:31
9/15/2023	CCSF - General cu CCSF		9/15/2023 16:30	9/15/2023 15:00	9/15/2023 15:32	9/15/2023 15:33
9/15/2023	CCML - Cut-off for CCML		9/15/2023 16:55	9/15/2023 15:25	9/15/2023 15:33	9/15/2023 15:36
9/15/2023	CCOS - EoD - close CCOS		9/15/2023 16:55		9/15/2023 15:43	9/15/2023 15:45
9/18/2023	CT01 - BDM BD to CT01		9/15/2023 17:00		9/15/2023 17:00	9/15/2023 17:00
9/18/2023	CSOD - change of CSOD		9/15/2023 17:00	9/15/2023 17:00	9/15/2023 17:01	9/15/2023 17:01
9/18/2023	CRTI - Start of CLM CRTI		9/15/2023 17:15	9/15/2023 17:15	9/15/2023 17:15	9/15/2023 17:16
9/18/2023	CESO - Execution CESO		9/15/2023 17:30	9/15/2023 17:30	9/15/2023 17:30	9/15/2023 17:30
9/18/2023	CSMW - Start of nCSMW		9/16/2023 2:30	9/16/2023 2:30	9/16/2023 2:30	9/16/2023 2:31
9/18/2023	CEMW - End of nCEMW		9/18/2023 2:30		9/18/2023 7:49	9/18/2023 7:49
9/18/2023	T2PC - Data Propa T2PC		9/18/2023 12:20		9/18/2023 12:20	9/18/2023 12:24
9/18/2023	CCII - Cut-off for CCII		9/18/2023 16:15	9/18/2023 16:15	9/18/2023 16:15	9/18/2023 17:04
9/18/2023	T2D2 - Data propa T2D2		9/18/2023 16:35		9/18/2023 16:35	9/18/2023 17:28
9/18/2023	CEOD - Start of Eo CEOD		9/18/2023 16:15		9/18/2023 17:06	9/18/2023 17:36
9/18/2023	CCSF - General cu CCSF		9/18/2023 16:30	9/18/2023 16:30	9/18/2023 17:36	9/18/2023 17:36
9/18/2023	CCML - Cut-off for CCML		9/18/2023 16:55	9/18/2023 16:55	9/18/2023 17:36	9/18/2023 17:46
9/18/2023	CCOS - EoD - close CCOS		9/18/2023 16:55		9/18/2023 17:49	9/18/2023 17:51
9/19/2023	CT01 - BDM BD to CT01		9/18/2023 17:00		9/18/2023 17:57	9/18/2023 17:57
9/19/2023	CSOD - change of CSOD		9/18/2023 17:00	9/18/2023 17:00	9/18/2023 17:57	9/18/2023 17:57
9/19/2023	CRTI - Start of CLM CRTI		9/18/2023 17:15	9/18/2023 17:15	9/18/2023 17:57	9/18/2023 17:58
9/19/2023	CESO - Execution CESO		9/18/2023 17:30	9/18/2023 17:30	9/18/2023 17:58	9/18/2023 17:58
9/19/2023	CSOM - Start of oCSOM		9/19/2023 8:30	9/19/2023 8:30	9/19/2023 8:30	9/19/2023 8:30
9/19/2023	CEOM - End of oplCEOM		9/19/2023 11:55	9/19/2023 11:12	9/19/2023 11:12	9/19/2023 11:12
9/19/2023	T2PC - Data Propa T2PC		9/19/2023 12:25		9/19/2023 12:25	9/19/2023 12:29
9/19/2023	CCII - Cut-off for CCII		9/19/2023 16:15	9/19/2023 16:45	9/19/2023 16:45	9/19/2023 16:54
9/19/2023	T2D2 - Data propa T2D2		9/19/2023 16:35		9/19/2023 17:05	9/19/2023 17:56
9/19/2023	CEOD - Start of Eo CEOD		9/19/2023 16:15		9/19/2023 17:58	9/19/2023 18:06
9/19/2023	CCSF - General cu CCSF		9/19/2023 16:30	9/19/2023 17:00	9/19/2023 18:06	9/19/2023 18:06
9/19/2023	CCML - Cut-off for CCML		9/19/2023 16:55	9/19/2023 17:25	9/19/2023 18:06	9/19/2023 18:10
9/19/2023	CCOS - EoD - close CCOS		9/19/2023 16:55		9/19/2023 18:14	9/19/2023 18:17
9/20/2023	CT01 - BDM BD to CT01		9/19/2023 17:00		9/19/2023 18:26	9/19/2023 18:26
9/20/2023	CSOD - change of CSOD		9/19/2023 17:00	9/19/2023 17:00	9/19/2023 18:27	9/19/2023 18:27
9/20/2023	CRTI - Start of CLM CRTI		9/19/2023 17:15	9/19/2023 17:15	9/19/2023 18:27	9/19/2023 18:28
9/20/2023	CESO - Execution CESO		9/19/2023 17:30	9/19/2023 17:30	9/19/2023 18:28	9/19/2023 18:28
9/20/2023	T2PC - Data Propa T2PC		9/20/2023 12:25		9/20/2023 14:30	9/20/2023 14:35
9/20/2023	CCII - Cut-off for CCII		9/20/2023 16:15	9/20/2023 16:15	9/20/2023 16:15	9/20/2023 16:16
9/20/2023	T2D2 - Data propa T2D2		9/20/2023 16:35		9/20/2023 16:30	9/20/2023 16:57

# T2 DWH: Example of Data Issue (BIL01)

Full data shown in HTML format, same for PDF and Excel

Edit HTML

Per service System entity wide sums per service



## BIL01 - Consumption data

20:

IAC - Internal User Accepta

CBXXAQD0XXX - CSLD BIK QM DWH Test CB1

Filters  
 Quarter : 2022 2nd Quarter  
 Services : RTGS  
 ASAAAQD0XXX - DWH Test 1-ASAA, ASBAAQD0XXX - CSLD BIK QM DWH, ASCAAQD0XXX - CSLD BIK QM DWH, ASDAAQD0XXX - CSLD BIK QM DWH, ASEAAQD0XXX - CSLD BIK QM DWH, CBXXAQD0XXX - CSLD BIK QM DWH Test CB1, PBAAAQI - CSLD BIK QM DWH Test CB1-PB1, PBABAQD0XXX - CSLD BIK QM DWH Test CB1-PB2, PBACAQD0XXX - CSLD BIK QM DWH Test CB1-PB3, PBADAQD0XXX - CSLD BIK QM DWH Test CB1-PB4, PBAAEQD0XXX - CSLD BIK QM DWH Test CB1-PB5, PBFAAQD0XXX - CSLD BIK QM DWH Test CB1-PB6, PBAGAQD0XXX - CSLD BIK QM DWH Test CB1-PB7, PBAAQD0XXX - CSLD BIK QM DWH Test CB1-PB8, PBAAQD0XXX - CSLD BIK QM DWH Test CB1-PB9, PBAAQD0XXX - CSLD BIK QM DWH Test CB1-PB10, PBAAQD0XXX - CSLD BIK QM DWH Test CB1-PB11, PBAAQD0XXX - CSLD BIK QM DWH, PBAAQD0XXX - CSLD BIK QM DWH, PBAAQD0XXX - CSLD BIK QM DWH, PBAAQD0XXX - CSLD BIK QM DWH Test 1-PB16

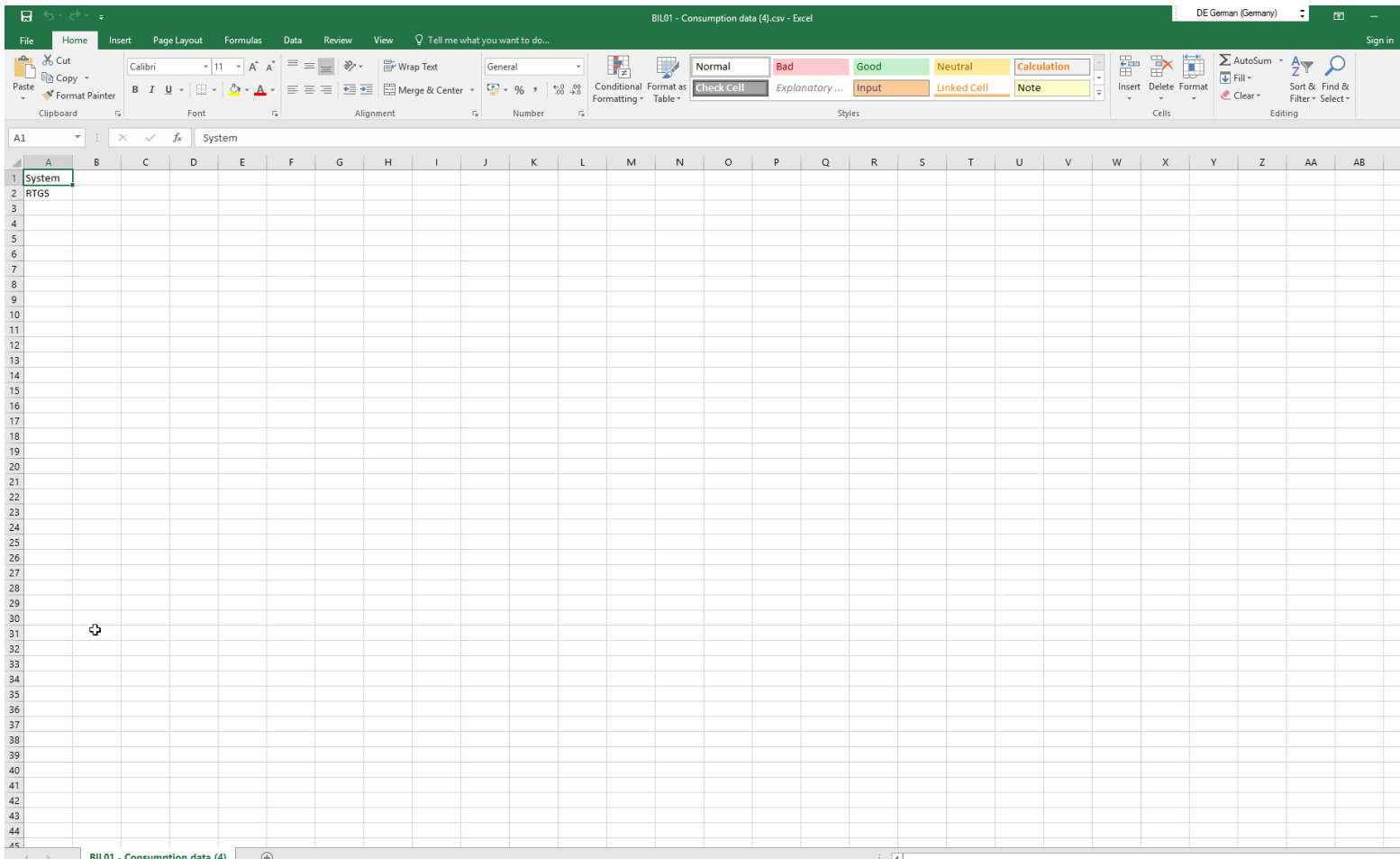
System: RTGS

Charged party BIC	Responsible party BIC	Service Item		2022 JUN		
		Category	Code	Description	Quantity (sum)	Share (%)
CBXXAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	5	5.56
PBAAAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	9	10.00
PBABAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	9	10.00
PBACAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	9	10.00
PBADAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	9	10.00
PBAEAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	9	10.00
PBAFAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	9	10.00
			5006	Fee for multi-addressee access	1	100.00
PBAGAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	9	10.00
PBAHAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	9	10.00
			5005	Fee for unpublished BICs	1	50.00
PBAJAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	9	10.00
			5004	Addressable BIC	1	100.00
PBANAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	1	1.11
			5005	Fee for unpublished BICs	1	50.00
PBAOQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	1	1.11
PBAPAQD0XXX	CBXXAQD0XXX	Account Management Services	5002	Fixed fee - RTGS DCA	2	2.22



# T2 DWH: Example of Data Issue (BIL01)

Only first list/data object exported in CSV, Excel data and XML



# Comparison - Excel & Excel data

## Excel

A		B		C		D		E		F	
target services		PAR02 - List of active Direct and Indirect Participants according to RTGS Directory						2024-04-15			
								10:35:26			
								IAC - Internal User Acceptance Test			
CBXXAQD0XXX - CSLD BBK QM DWH Test CB1											
Filters		Date				2024-03-15					
Participant BIC Participant Name Account BIC Indirect participant BIC Institution Name											
BDFEKHPPTTEC		BdFEATPMBKBDFEKHPPTTEC		BDFEKHPPTTEC		MIDLKHMXXXX		MIDLKHMXXXX			
BKHAIDRRSCT		BdIEATPMBKBKHAIDRRSCT		BKHAIDRRSCT		MIDLIDPXXXX		MIDLIDPXXXX			
BNPKBTAASCT		BdEEATPMBKBNPKBTAASCT		BNPKBTAASCT		HSBCBTLXXX		HSBCBTLXXX			
MARKBDFFTA		NBBEATPMBKMARKBDFFTA		MARKBDFFTA		TUBDBDDXXX		TUBDBDDXXX			
PBAHAQD0XXX		CSLD BBK QM DWH Test CB1-PB8		PBAHAQR006X		PBAMMD0XXX		2-PB9			
PBAHMMD0XXX		CSLD BBK QM DWH Test CB2-PB8		PBAHMMR006X		PBALAQD0XXX		PBALAQD0XXX			
PBAJAQD0XXX		CSLD BBK QM DWH Test CB1-PB10		PBAJAQR009X		PBAKAQD0XXX		1-PB11			
PBBKARRR001		PBBKAR1		PBBKITRR106		PBBKARRR001		PB2 OF NCBXARRRXXX (N1AR)			
NoLastName User-DWH-CB1-U1-CBXXAQD0XXX				Version 0.04 R3.1020 / 2022-11-11				Page:		1 of 2	

## Excel data

PAR02-List of active Direct and Indirect Participants according to RTGS Directory (5).xlsx - Excel

File Home Insert Page Layout Formulas Data Review View Tell me what you want to do...

Clipboard Font Alignment Number Styles

A	B	C	D	E	F	G	H	I	J
Participant BIC	Participant Name	Account BIC	Indirect participant BIC	Institution Name					
BDFEKHPPTTEC	BdFEATPMBKBDFEKHPPTTEC	BDFEKHPPTTEC	MIDLKHMXXXX	MIDLKHMXXXX					
BKHAIDRRSCT	BdIEATPMBKBKHAIDRRSCT	BKHAIDRRSCT	MIDLIDPXXXX	MIDLIDPXXXX					
BNPKBTAASCT	BdEEATPMBKBNPKBTAASCT	BNPKBTAASCT	HSBCBTLXXX	HSBCBTLXXX					
MARKBDFFTA	NBBEATPMBKMARKBDFFTA	MARKBDFFTA	TUBDBDDXXX	TUBDBDDXXX					
PBAHAQD0XXX	CSLD BBK QM DWH Test CB1-PB8	PBAHAQR006X	PBAMMD0XXX	2-PB9					
PBAHMMD0XXX	CSLD BBK QM DWH Test CB2-PB8	PBAHMMR006X	PBALAQD0XXX	PBALAQD0XXX					
PBAJAQD0XXX	CSLD BBK QM DWH Test CB1-PB10	PBAJAQR009X	PBAKAQD0XXX	1-PB11					
PBBKARRR001	PBBKAR1	PBBKITRR106	PBBKARRR001	PB2 OF NCBXARRRXXX (N1AR)					