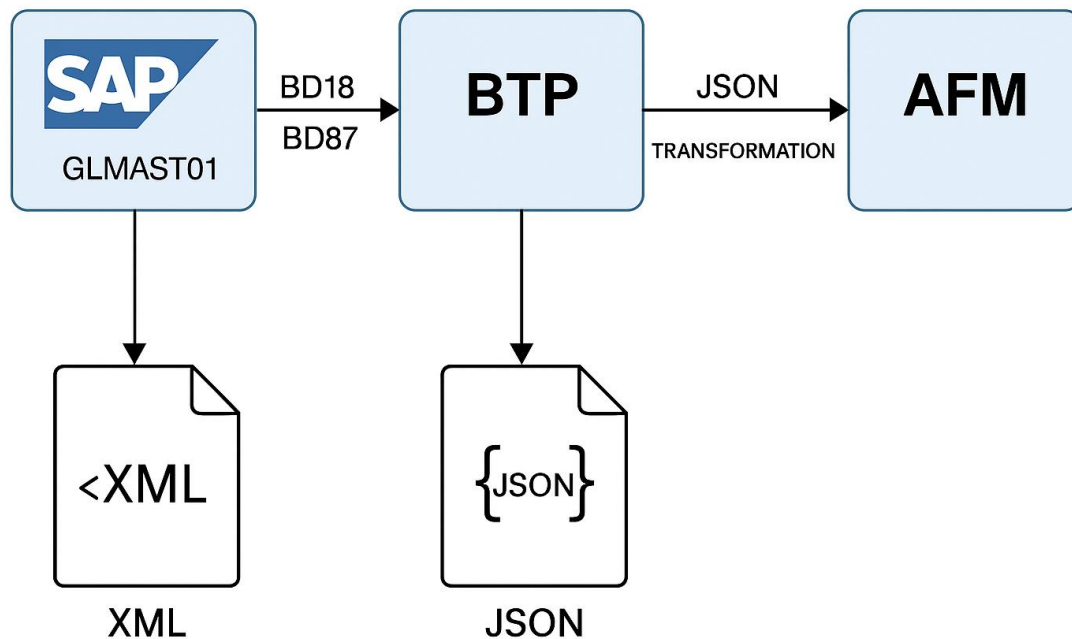


# DEMO PRESENTATION

AFM SyncCore

## GLMAST01 - TO AFM Connector - TO AFM



### Sending IDoc from SAP System

The SAP system sends an IDoc of type GLMAST01, which contains General Ledger account data.

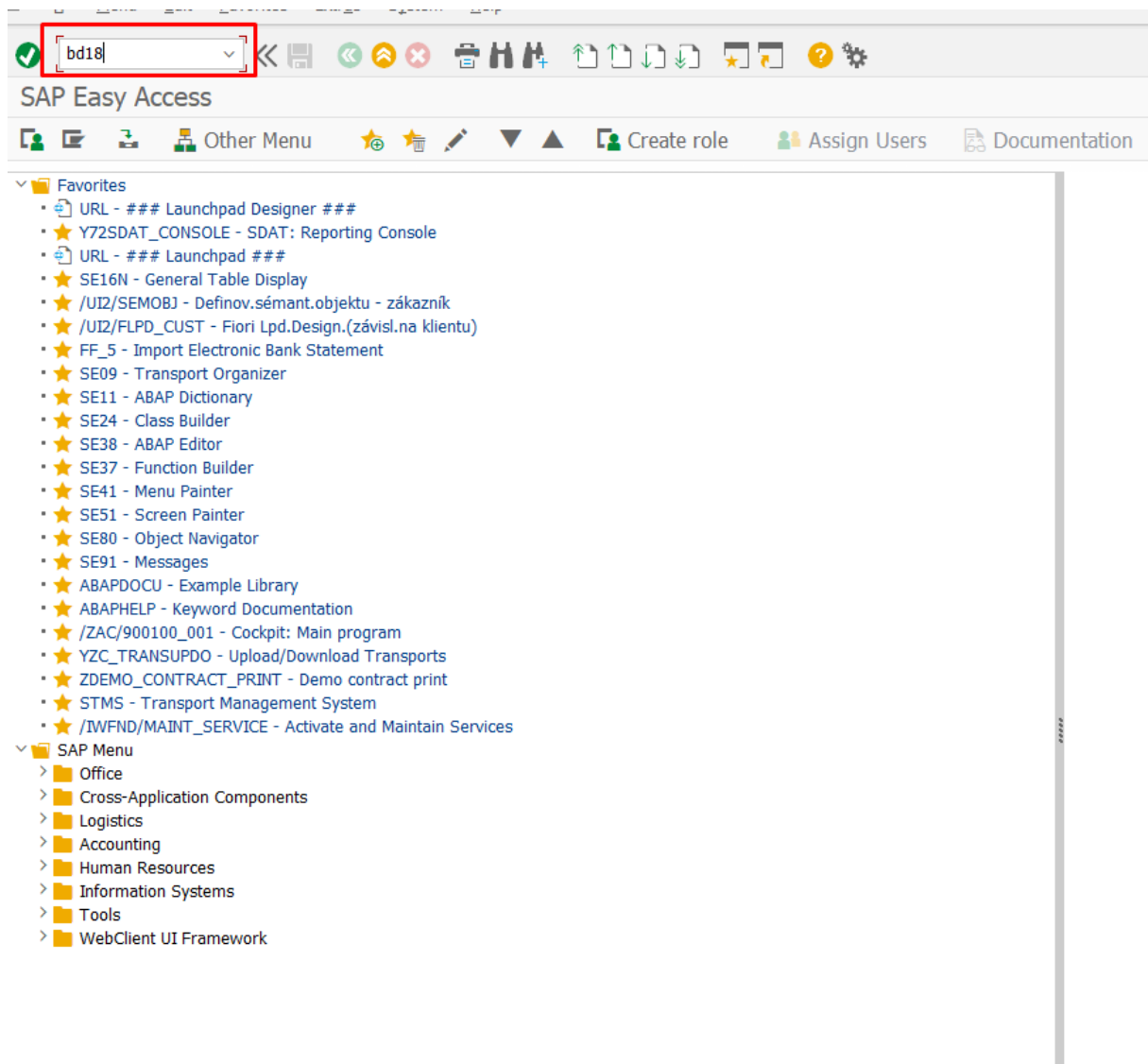
### The process is triggered using the following transactions:

**BD18** manual distribution of master data

**BD87** reprocessing of unsuccessful IDocs (e.g., status 30 or 02)

| Tool / Transaction |                             | Description                          |
|--------------------|-----------------------------|--------------------------------------|
| 1                  | BD18                        | sending GLMAST IDocs                 |
| 2                  | BD87                        | Status of IDocs                      |
| 3                  | AFM CONNECTOR in BTP        | processing XML → JSON transformation |
| 4                  | API Call / Integration Flow | Sending JSON do AFM                  |

## SAP



### Send G/L accounts

|                   |         |    |  |                                                                                     |
|-------------------|---------|----|--|-------------------------------------------------------------------------------------|
| Chart of accounts | DEMO    | to |  |  |
| Company code      |         | to |  |  |
| Account No.       | 1110001 | to |  |  |

Logical message: GLMAST

Receiving logical system: ZC\_BTIP\_CAP

---

Parallel processing

|                          |    |
|--------------------------|----|
| Server group             |    |
| G/L accounts per process | 20 |

SAP

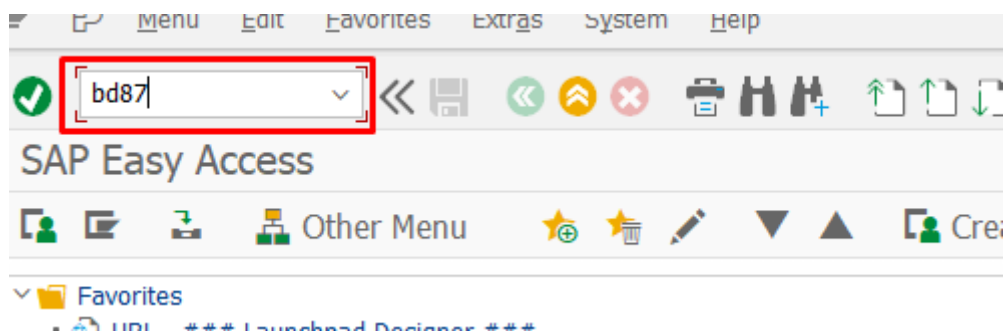
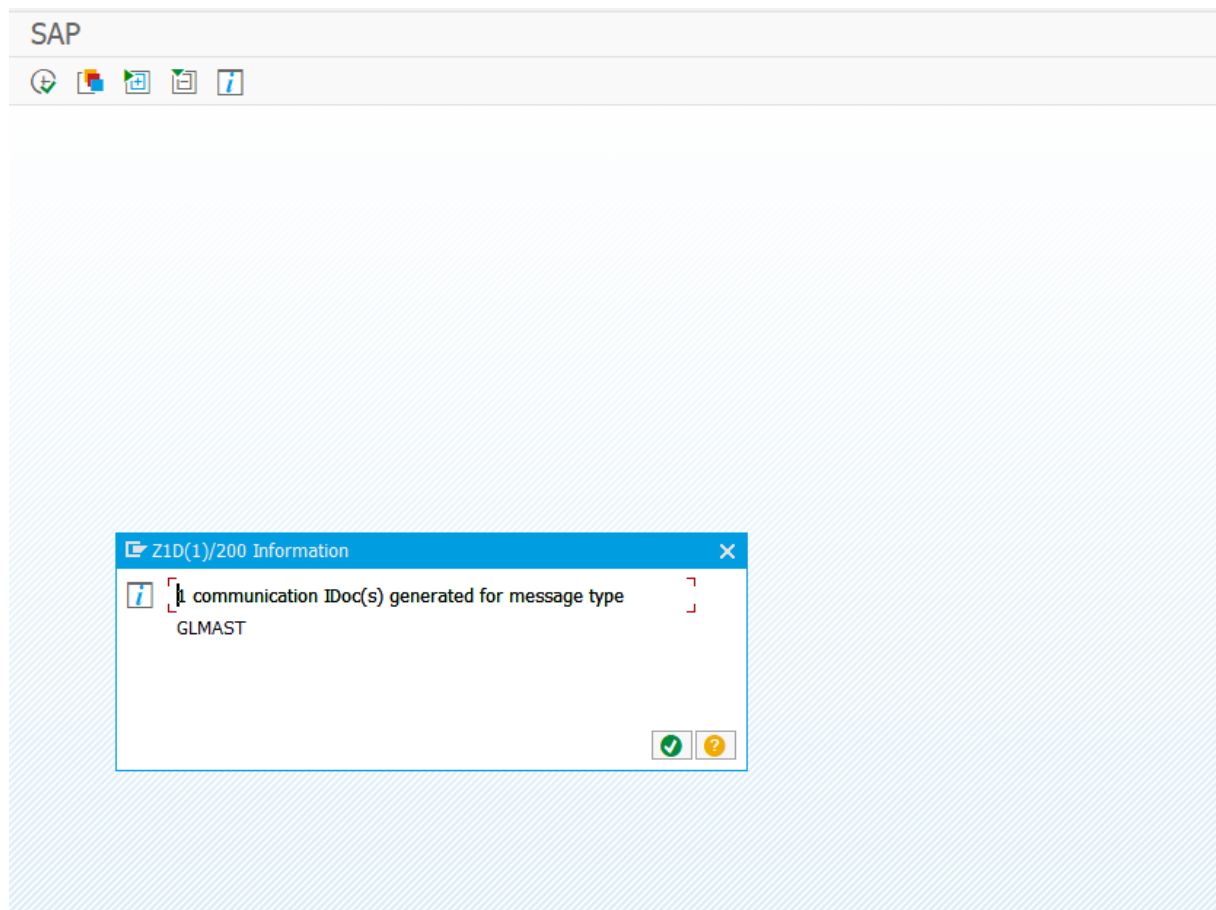


Z1D(1)/200 Information



1 master IDocs set up for message type GLMAST





| Status Monitor for ALE Messages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                        |                                                                                                                                                                                 |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <span>Select IDocs</span> <span>Display IDocs</span> <span>Trace IDocs</span> <span>Process</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                        |                                                                                                                                                                                 |  |
| IDocs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IDoc Status                                                                                                                                            | Number                                                                                                                                                                          |  |
| <ul style="list-style-type: none"> <li>IDoc selection           <ul style="list-style-type: none"> <li>Changed on is in the range 01.03.2025 to 22.05.2025</li> </ul> </li> <li>Z1D Development           <ul style="list-style-type: none"> <li>IDocs in outbound processing               <ul style="list-style-type: none"> <li>Error passing data to port                   <ul style="list-style-type: none"> <li>Error in ALE service                       <ul style="list-style-type: none"> <li>IDoc ready for dispatch (ALE service)                           <ul style="list-style-type: none"> <li>Data passed to port OK                               <ul style="list-style-type: none"> <li>DEBCOR                                   <ul style="list-style-type: none"> <li>DEBMAS                                       <ul style="list-style-type: none"> <li>GLMAST                                           <ul style="list-style-type: none"> <li>EA(095) : IDoc sent by HTTP in XML format</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> <li>Original of an IDoc which was edited</li> </ul> </li> </ul> </li></ul> | <ul style="list-style-type: none"> <li></li> <li></li> <li>02</li> <li>29</li> <li>30</li> <li>03</li> <li></li> <li></li> <li></li> <li>33</li> </ul> | <ul style="list-style-type: none"> <li>877</li> <li>877</li> <li>1</li> <li>388</li> <li>33</li> <li>453</li> <li>1</li> <li>14</li> <li>438</li> <li>438</li> <li>2</li> </ul> |  |

| Status Monitor for ALE Messages                                                                                     |        |              |                                 |             |         |   |
|---------------------------------------------------------------------------------------------------------------------|--------|--------------|---------------------------------|-------------|---------|---|
| <span>Display IDocs</span> <span>Display Links</span> <span>Display Status Long Text</span> <span>Object Key</span> |        |              |                                 |             |         |   |
| IDoc Selection                                                                                                      |        |              |                                 |             |         |   |
| IDoc number                                                                                                         | Status | Message Type | Status text                     | Partner No. | Created |   |
| 199417                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 17.04.2 | ^ |
| 199420                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 24.04.2 | ^ |
| 199418                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 24.04.2 | ^ |
| 199849                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 25.04.2 | ^ |
| 199421                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 24.04.2 | ^ |
| 199422                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 24.04.2 | ^ |
| 199423                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 24.04.2 | ^ |
| 199424                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 24.04.2 | ^ |
| 199425                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 24.04.2 | ^ |
| 199426                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 24.04.2 | ^ |
| 199427                                                                                                              | 03     | GLMAST       | IDoc sent by HTTP in XML format | ZC_BTP_CAP  | 24.04.2 | ^ |

IDoc Display: 0000000000199417

Segments with Errors

| IDoc display            | Additional... | Short Technical Information |
|-------------------------|---------------|-----------------------------|
| ▼ IDoc 0000000000199417 |               | Direction 1 Outbox          |
| • Control Record        |               | Current Status 03 OO■       |
| ▼ Data records          | Total number  | Basic type GLMAST01         |
| • E1SKA1M               | Segment 0000  | Extension                   |
| • E1SKATM               | Segment 0000  | Message Type GLMAST         |
| • E1SKB1M               | Segment 0000  | Partner No. ZC_BTP_CAP      |
| > Status records        |               | Partn.Type LS               |
|                         |               | Port AFM                    |

Content of Selected Segment

| Fld Name | Fld Cont.  |
|----------|------------|
| MSGFN    | 004        |
| KTOPL    | DEMO       |
| SAKNR    | 0001110001 |
| KTOKS    | 1000       |
| XBILK    | X          |

IDoc Display: 0000000000199417

Segments with Errors

| IDoc display            | Additional... | Short Technical Information |
|-------------------------|---------------|-----------------------------|
| ▼ IDoc 0000000000199417 |               | Direction 1 Outbox          |
| • Control Record        |               | Current Status 03 OO■       |
| ▼ Data records          | Total number  | Basic type GLMAST01         |
| • E1SKA1M               | Segment 0000  | Extension                   |
| • E1SKATM               | Segment 0000  | Message Type GLMAST         |
| • E1SKB1M               | Segment 0000  | Partner No. ZC_BTP_CAP      |
| > Status records        |               | Partn.Type LS               |
|                         |               | Port AFM                    |

Content of Selected Segment

| Fld Name | Fld Cont.             |
|----------|-----------------------|
| MSGFN    | 004                   |
| SPRAS    | C                     |
| TXI20    | Korunová pokladna     |
| TXI50    | Korunová pokladna CZK |

| IDoc display                                                                                                                                                                                                                                                                                                                          | Additional...                                             | Short Technical Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|--------|----------------|-------|------|------------|----------|-------|-----------|-------|-----|--------------|--------|-------|-------------|------------|----|------------|-----|--|------|-----|--|
| <ul style="list-style-type: none"> <li>IDoc 0000000000199417 <ul style="list-style-type: none"> <li>Control Record</li> <li>Data records <ul style="list-style-type: none"> <li>E1SKA1M <ul style="list-style-type: none"> <li>E1SKATM</li> <li><b>E1SKB1M</b></li> </ul> </li> </ul> </li> <li>Status records</li> </ul> </li> </ul> | Total number<br>Segment 000<br>Segment 000<br>Segment 000 | <table border="1"> <tr> <td>Direction</td> <td>1</td> <td>Outbox</td> </tr> <tr> <td>Current Status</td> <td>03</td> <td>OO</td> </tr> <tr> <td>Basic type</td> <td colspan="2">GLMAST01</td> </tr> <tr> <td>Extension</td> <td colspan="2"></td> </tr> <tr> <td>Message Type</td> <td colspan="2">GLMAST</td> </tr> <tr> <td>Partner No.</td> <td colspan="2">ZC_BTP_CAP</td> </tr> <tr> <td>Partn.Type</td> <td colspan="2">LS</td> </tr> <tr> <td>Port</td> <td colspan="2">AFM</td> </tr> </table> | Direction | 1         | Outbox | Current Status | 03    | OO   | Basic type | GLMAST01 |       | Extension |       |     | Message Type | GLMAST |       | Partner No. | ZC_BTP_CAP |    | Partn.Type | LS  |  | Port | AFM |  |
| Direction                                                                                                                                                                                                                                                                                                                             | 1                                                         | Outbox                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| Current Status                                                                                                                                                                                                                                                                                                                        | 03                                                        | OO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| Basic type                                                                                                                                                                                                                                                                                                                            | GLMAST01                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| Extension                                                                                                                                                                                                                                                                                                                             |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| Message Type                                                                                                                                                                                                                                                                                                                          | GLMAST                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| Partner No.                                                                                                                                                                                                                                                                                                                           | ZC_BTP_CAP                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| Partn.Type                                                                                                                                                                                                                                                                                                                            | LS                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| Port                                                                                                                                                                                                                                                                                                                                  | AFM                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
|                                                                                                                                                                                                                                                                                                                                       |                                                           | Content of Selected Segment <table border="1"> <thead> <tr> <th>Fld Name</th> <th>Fld Cont.</th> </tr> </thead> <tbody> <tr><td>MSGFN</td><td>004</td></tr> <tr><td>BUKRS</td><td>DEMO</td></tr> <tr><td>FSTAG</td><td>G013</td></tr> <tr><td>KDFSL</td><td>CZ00</td></tr> <tr><td>WAERS</td><td>CZK</td></tr> <tr><td>XINIB</td><td>X</td></tr> <tr><td>KKRES</td><td>X</td></tr> <tr><td>ZINRT</td><td>00</td></tr> <tr><td>ZUAWA</td><td>009</td></tr> </tbody> </table>                            | Fld Name  | Fld Cont. | MSGFN  | 004            | BUKRS | DEMO | FSTAG      | G013     | KDFSL | CZ00      | WAERS | CZK | XINIB        | X      | KKRES | X           | ZINRT      | 00 | ZUAWA      | 009 |  |      |     |  |
| Fld Name                                                                                                                                                                                                                                                                                                                              | Fld Cont.                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| MSGFN                                                                                                                                                                                                                                                                                                                                 | 004                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| BUKRS                                                                                                                                                                                                                                                                                                                                 | DEMO                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| FSTAG                                                                                                                                                                                                                                                                                                                                 | G013                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| KDFSL                                                                                                                                                                                                                                                                                                                                 | CZ00                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| WAERS                                                                                                                                                                                                                                                                                                                                 | CZK                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| XINIB                                                                                                                                                                                                                                                                                                                                 | X                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| KKRES                                                                                                                                                                                                                                                                                                                                 | X                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| ZINRT                                                                                                                                                                                                                                                                                                                                 | 00                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |
| ZUAWA                                                                                                                                                                                                                                                                                                                                 | 009                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |           |        |                |       |      |            |          |       |           |       |     |              |        |       |             |            |    |            |     |  |      |     |  |

XML message from IDOC

```

<GLMAST01>
<IDOC BEGIN="1">
<EDI_DC40 SEGMENT="1">
<TABNAM>EDI_DC40</TABNAM>
<MANDT>200</MANDT>
<DOCNUM>0000000000199418</DOCNUM>
<DOCREL>750</DOCREL>
<STATUS>30</STATUS>
<DIRECT>1</DIRECT>
<OUTMOD>4</OUTMOD>
<IDOCTYP>GLMAST01</IDOCTYP>
<MESTYP>GLMAST</MESTYP>
<SNDPOR>SAPZ1D</SNDPOR>
<SNDPRT>LS</SNDPRT>
<SNDPRN>Z1DCLNT200</SNDPRN>
<RCVPOR>AFM</RCVPOR>
<RCVPRT>LS</RCVPRT>
<RCVPRN>ZC_BTP_CAP</RCVPRN>
<CREDAT>20250424</CREDAT>
<CRETIM>144949</CRETIM>
<SERIAL>20250424144948</SERIAL>
</EDI_DC40>
<E1SKA1M SEGMENT="1">
<MSGFN>004</MSGFN>
<KTOPL>DEMO</KTOPL>
<SAKNR>0001110001</SAKNR>
<KTOKS>1000</KTOKS>

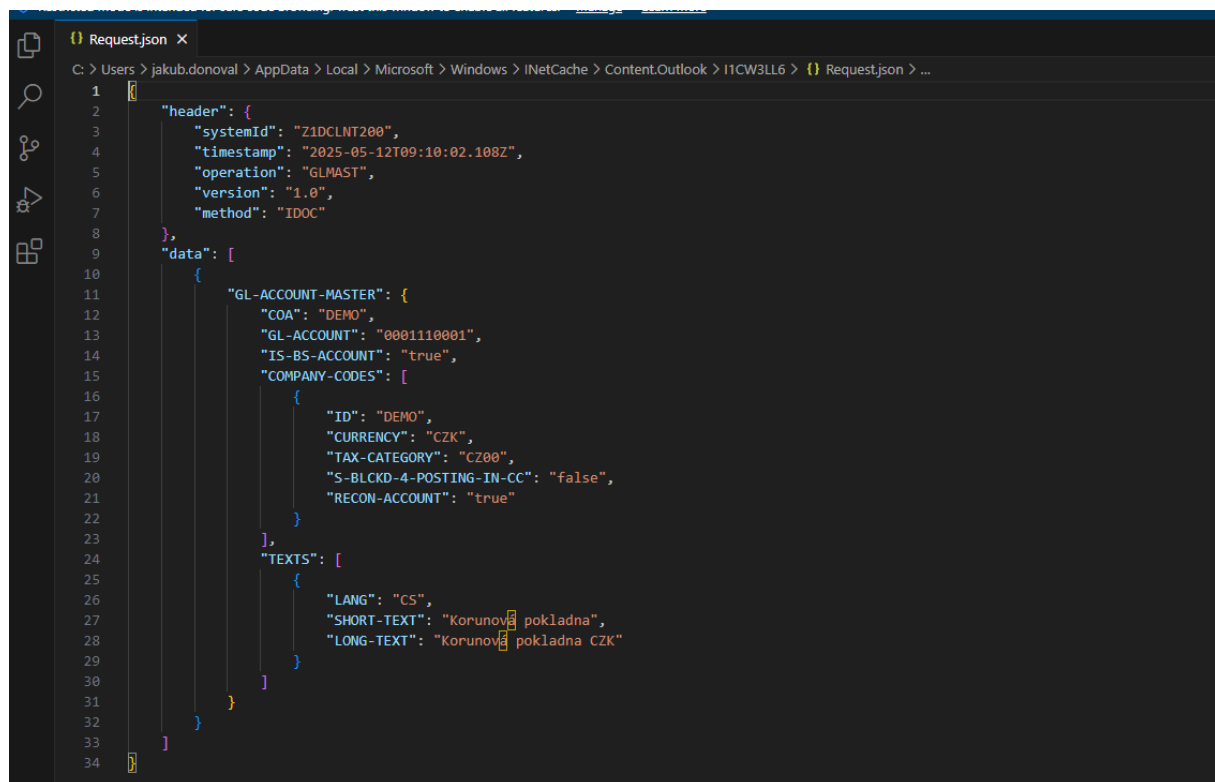
```

```

<XBILK>X</XBILK>
<E1SKATM SEGMENT="1">
<MSGFN>004</MSGFN>
<SPRAS>C</SPRAS>
<TXT20>Korunová pokladna</TXT20>
<TXT50>Korunová pokladna CZK</TXT50>
</E1SKATM>
<E1SKB1M SEGMENT="1">
<MSGFN>004</MSGFN>
<BUKRS>DEMO</BUKRS>
<FSTAG>G013</FSTAG>
<KDFSL>CZ00</KDFSL>
<WAERS>CZK</WAERS>
<XINTB>X</XINTB>
<XKRES>X</XKRES>
<ZINRT>00</ZINRT>
<ZUAWA>009</ZUAWA>
</E1SKB1M>
</E1SKA1M>
</IDOC>
</GLMAST01>

```

## JSON OUTPUT Message to AFM



```

1  {
2    "header": {
3      "systemId": "Z1DCLNT200",
4      "timestamp": "2025-05-12T09:10:02.108Z",
5      "operation": "GLMAST",
6      "version": "1.0",
7      "method": "IDOC"
8    },
9    "data": [
10     {
11       "GL-ACCOUNT-MASTER": {
12         "COA": "DEMO",
13         "GL-ACCOUNT": "0001110001",
14         "IS-B5-ACCOUNT": "true",
15         "COMPANY-CODES": [
16           {
17             "ID": "DEMO",
18             "CURRENCY": "CZK",
19             "TAX-CATEGORY": "CZ00",
20             "S-BLCKD-4-POSTING-IN-CC": "false",
21             "RECON-ACCOUNT": "true"
22           }
23         ],
24         "TEXTS": [
25           {
26             "LANG": "CS",
27             "SHORT-TEXT": "Korunová pokladna",
28             "LONG-TEXT": "Korunová pokladna CZK"
29           }
30         ]
31       }
32     ]
33   }
34 }

```