

ADVANTAGE CUSTOMS INTERFACE IMPLEMENTATION

Following is a short description of the technical connection of customer systems to Advantage Customs.

1 TECHNICAL INTEGRATION

1.1 Web request / Access

The interfaces can be accessed via web request or (s)FTP. For the access via web request an interface user is required.

- authentication: proactive (preemptive)
- http content type when transferring data must be set to "text/xml"
- coding of interface data is specified in the header of the file: Example: <?xml version="1.0" encoding="utf-8"?>. Preferred encoding: UTF-8
- in standard: Advantage Customs is always the passive part:
- the customer uses the command "POST" to store files
- the customer uses the commands "GET" and "DELETE" for the return

System	Client	User	Password
Production	not installed	prod.sst-user	***
Test	not installed	test.sst-user	***

System	URL
Production	https://ssl-gate.dbh.de/intercomm/io/...
Test	https://ssl-gate.dbh.de/intercomm/io/...

For synchronous data transfer (POST):

Interface name	Direction	Addition to URL
e.g. AES-opening	customer to dbh	AES-IN-XML-AI

1.2 Response messages from customs via web request

For responses, we use the asynchronous data transfer. The messages are provided as files for download. When request the URL "<https://ssl-gate.dbh.de/intercomm/...>" the available files for download are listed.

Example: -rw 2012-06-01T13:33:39.825 368 RueckMeld_2001317307.csv
-rw 2012-06-01T13:33:39.827 54 RueckMeld_2001317496.csv
-rw 2012-12-05T11:37:47.814 283 RueckMeld_2001312999.csv
drw 2013-01-22T11:52:25.279 0 temp

Download the interface file:

.../directory/file name Type of request: GET (method=GET)

After successful download the interface data must be deleted

Delete the interface file:

.../directory/file name Type of request: DELETE (method=DELETE)

1.3 Receipt messages from AC

When synchronous data transfer is used, a receipt from the respective interface is generated when data is transferred to Advantage Customs. The responses can vary. Basically, the following must be observed:

ERR Error - the data is not processed

WRG warning - but the data was processed

INF Information - the data have been processed

Example of a receipt:

```
<root>
  <bezugsnummer><![CDATA[4711]]></bezugsnummer>
  <dataset><![CDATA[5B5F22A3A19C8F000000CAC151B0.xml]]></dataset>
  <meldungen size="8">
    </item>
    <item index="6">
      <gewicht><![CDATA[INF]]></gewicht>
      <text><![CDATA[Daten zum Auftrag: <4711 > wurden für Mandant <ac_test> verarbeitet (noch
nicht committed)]]></text>
    </item>
  </meldungen>
</root>
```

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