Interface Description

Movement Data Coordinator

Animal Welfare, Poultry

Version 1.0

Verl, August 26, 2015

arvato Financial Solutions (aFS)
BFS finance GmbH
Gütersloher Straße 123
33415 Verl
List of Contents

1 Communication Between the aFS System and the Coordinator .................. 3
2 Technical Connection.................................................................................. 4
   2.1 Network ................................................................................................. 4
   2.2 Protocol / Encryption ........................................................................... 4
   2.3 Authentication and authorisation ......................................................... 4
   2.4 File exchange ....................................................................................... 4
      2.4.1 Basic specifications ...................................................................... 4
      2.4.2 File name convention ................................................................. 5
      2.4.3 Message format ............................................................................ 5
      2.4.4 Exchange directories ................................................................. 5
   2.5 File editing ............................................................................................ 6
      2.5.1 Times ............................................................................................. 6
      2.5.2 Running sequence ........................................................................ 6
3 Technical Interface Description ............................................................... 7
   3.1 Sample characteristics definition: movement data, coordinator ............ 7
   3.2 Sample interface file: movement data, coordinator .............................. 8
4 Technical Connection Parameters .......................................................... 9
   4.1 aFS FTP server .................................................................................... 9
5 Further Procedure ...................................................................................... 10
   5.1 Transmission of the CSV interface ..................................................... 10
   5.2 Transmission per Extranet portal (BFS Online Portal) .......................... 10
6 Contact ....................................................................................................... 11
   6.1 Point of contact at aFS ....................................................................... 11
1 Communication Between the aFS System and the Coordinator

Communication between the aFS system and the coordinator is via data-based data exchange in CSV format.

If data-based exchange is not possible in CSV format, communication between the aFS system and the coordinator can be made alternatively through participation in the Extranet portal (BFS Online Portal) to BFS finance GmbH’s Animal Welfare Initiative.

With more extensive messages in particular, we expressly recommend use of the CSV interface.
2 Technical Connection

2.1 Network

The data are transmitted to aFS via a customer-specific directory on the aFS FTP server.

2.2 Protocol / Encryption

FTPS, which guarantees encrypted data exchange, is used as the communication channel.

2.3 Authentication and authorisation

Authentication is per User ID/Password. Authentication per client certificate is not planned

2.4 File exchange

24. Basic specifications

- File-based
- Format: CSV (Comma Separated Values)
- Field separator: ; (Semi-colon)
- Character set: Encoding UTF-8
- Line break: CRLF (Windows format)
2.4.2 File name convention

The following file name structure must be complied with for all files added to the aFS system. Please note that the file name can only be written in upper case letters. If the file name is incorrect, the file cannot be edited.

<PREFIX>_<SCHNITTSTELLENVERSION>_<SENDER_ID>_<PROZESS_KENNUNG>_<DATUM (JJJMMTT)>_<LFDNR>_<EXT>

Example:

TWG_V01_4234567890123_BEWEGUNGSDATEN-BUENDLER_20150609_0001.CSV

Explanations:

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREFIX</td>
<td>Fixed value: “TWG”</td>
</tr>
<tr>
<td>INTERFACE VERSION</td>
<td>Fixed value: “V01”</td>
</tr>
<tr>
<td>SENDER-ID</td>
<td>The Sender ID is the same as the QS ID of the coordinator</td>
</tr>
<tr>
<td>PROCESS IDENTIFIER</td>
<td>Fixed value: “MOVEMENT DATA COORDINATOR”</td>
</tr>
<tr>
<td>DATE</td>
<td>YYYYMMDD (day targeted for processing)</td>
</tr>
<tr>
<td>CONS NO</td>
<td>4-digit consecutive number, e.g. 0001</td>
</tr>
<tr>
<td>EXT</td>
<td>Fixed value: “CSV” or “csv”</td>
</tr>
</tbody>
</table>

2.4.3 Message format

All message types are defined by a CSV schematic. Messages that do not conform to the interface generate a technical error which is issued in the editing protocol and interrupts the editing process.

2.4.4 Exchange directories

The files are stored in various directories, depending on the direction of communication.

a. Communication direction coordinator -> aFS system

<FTP-HOME>/UP

b. Communication direction aFS system -> coordinator

<FTP-Home>/DOWN

Files in the “UP” directory are removed from the aFS system after editing and stored in the “ARCHIVE” directory. The editing protocol is to be found in the “DOWN” directory.
2.5 File editing

2.5.1 Times

Entrance files for the aFS system have to be transmitted completely for one calendar day (Mon – Sun). The files are subjected to a format, data and consistency check after transmission. It can be assumed that editing will have been completed by 10.00 am on the next calendar day.

2.5.2 Running sequence

The data processing sequence cannot be controlled by the person who calls them up.
3 Technical Interface Description

The following is an excerpt from the characteristics overview which is intended to show the basic structure. Communication direction: coordinator -> aFS system

3.1 Sample characteristics definition: movement data, coordinator

AN: alphanumeric  N: numeric  Date: in the format “YYYYMMDD”

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Detailed Information</th>
<th>Can/Must Field</th>
<th>Data Type</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A1 – Constants / Control</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interface version</td>
<td>Constant: V01</td>
<td>M</td>
<td>AN (up to 4 digits possible)</td>
</tr>
<tr>
<td>Interface date</td>
<td>Date on which the interface file was prepared, format YYYYMMDD (e.g. 20150609)</td>
<td>M</td>
<td>Date</td>
</tr>
<tr>
<td>QS ID</td>
<td>QS ID of the coordinator</td>
<td>M</td>
<td>AN (13 digits)</td>
</tr>
<tr>
<td><strong>A2 – Movement Data</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VVVO nummer</td>
<td>Location number of the agricultural business</td>
<td>M</td>
<td>AN (up to 30 digits possible)</td>
</tr>
</tbody>
</table>
| Production scope | Production scope of the agricultural business  
Together with the location number, forms the distinct identification of the location  
3001: Poultry production  
3004: Turkey production | M | N (up to 10 digits possible) |
| Slaughter date | Date on which the animals were slaughtered (the quarter on which accounting is based is derived from this). Format YYYYMMDD (e.g. 20150603) | M | Date |
| kgLW | Total kgLW (live weight in KG rounded up to a whole number) slaughtered on the “Slaughter date” | M | N (7 digits) |
| Indicator | If the value = 1, the no. of animals should be given as a positive value  
If the value = 2, the no. of animals should be given as a negative value (correction) | M | N (1 digit) |
| Quantity type | F = female for turkey hens  
M = male for turkey cocks  
The field is only obligatory with production scope 3004 (turkey production)  
No entry should be made with production scope 3001 | C / M | AN (1 digit) |
| Comment | Free text field | C | AN (120 digits) |
3.2 Sample interface file; movement data, coordinator

Example — File name (day 1):

TWG_V01_4234567890123_BEWEGUNGSDATEN-BUENDLER_20150609_0001.CSV

Example — Content (day 1):

```
V01;20150609;4234567890123;276059153009336;3001;20150606;200;1;;
V01;20150609;4234567890123;276059153009351;3004;20150603;500;1;F;
V01;20150609;4234567890123;276059153009358;3004;20150604;1000;1;F;
V01;20150609;4234567890123;276059153009378;3001;20150604;2500;1;;
V01;20150609;4234567890123;276059153009588;3004;20150607;876;1;M;
V01;20150609;4234567890123;276059153009599;3001;20150607;211;1;;
V01;20150609;4234567890123;276059153009601;3001;20150607;500;1;;
V01;20150609;4234567890123;276059153009795;3004;20150607;3211;1;F;
```

Example — Content (day 2):

```
V01;20150610;4234567890123;276059153009336;3001;20150608;600;1;;
V01;20150610;4234567890123;276059153009351;3004;20150608;200;1;F;
V01;20150610;4234567890123;276059153009358;3004;20150608;100;1;F;
V01;20150610;4234567890123;276059153009588;3004;20150609;100;1;F;
V01;20150610;4234567890123;276059153009599;3001;20150609;5444;1;;
corrections
V01;20150610;4234567890123;276059153009378;3001;20150604;1500;2;;corrections
V01;20150610;4234567890123;276059153009795;3004;20150607;211;2;F;corrections
```

Example — Content (day 2):

In addition to new entries, this file contains corrections to entries already made.
4 Technical Connection Parameters

4.1 aFS FTP server


FTP access: Login and password will be given to you separately.
5 Further Procedure

Once you have opted for one of the two transmission methods offered, please complete the following two steps.

5.1 Transmission per CSV interface

Please send a test file to the point of contact listed in Chapter 6. The test file will then be checked. Once the check has been completed successfully, you will receive the access data to the FTP server by separate e-mail.

5.2 Transmission per Extranet portal (BFS Online Portal)

The attached registration form should be completed for this purpose and returned to BFS finance GmbH. You will receive the access data for the BFS Online Portal by separate e-mail.
6 Contact

6.1 Point of contact aFS

ITC Operations
Hotline: 05241 / 80-43266
E-Mail: itc@bertelsmann.de
Registration form for participation in Extranet access to BFS GmbH's Animal Welfare Initiative
Registration form for participation in Extranet access to BFS GmbH’s Animal Welfare Initiative

QS ID: ________________________________________________________________

Name: ________________________________________________________________

Address: ______________________________________________________________

Postcode: ____________ Town/City: ________________________________________

Point of contact: _________________________________________________________

Function: ______________________________________________________________

E-mail address: _________________________________________________________

Tel: _________________________________________________________________

I/we hereby apply for participation in the online editing system (BFS Online Portal = BOP) provided by BFS finance GmbH and give my/our commitment to observing the terms of use.

All e-mail sent by BFS via BOP will be sent to the address entered in the above registration dialogue.

I/we also commit ourselves only to peruse and edit entries in BFS finance GmbH’s Extranet portal for contractually agreed purposes and to observe the requirements of the German data protection law (BDSG) in this regard. If in particular, information/data beyond that required by the customer relationship should become known for technical reasons within the system, I/we agree to observe confidentiality and not to pass such information onto any third party.

Express reference is made to the fact that Art. 5 BDSG prohibits the processing or use of personal data without authorisation. The obligation of the user remains, even in the event of termination of the business relationship. Violations of data secrecy can be punished in accordance with Art. 44 BDSG, as well as other regulations in certain cases.

I/we am/are not permitted to give any third person outside my/our company any opportunity to peruse or process any data in the BFS Extranet portal.

______________________________________________________________

Stamp, legally binding signature

______________________________________________________________

Function

______________________________________________________________

Name in block capitals

Return to BFS finance GmbH – Fax: 05241 / 8043130
BOP TERMS OF USE

BFS finance GmbH, hereinafter referred to as BFS, is entitled to further develop the portal technically, legally and by adding new functions without the further consent of BOP users.

Contents for BOP participants (coordinators and coordinators)

The participant can send reports on behalf of participating livestock farmers directly to the poultry movement data initiative via the online portal. These currently include the following data:

Entry options:
- VVVO number
- Production scope
- Date of shipment/slaughter
- Number of animals
- Comments field

Document entry

Participants are also entitled to record animal number reports for participating livestock farmers directly in the BOP and to cancel them in the event of erroneous entries. Participants must check carefully in advance in the BOP whether the record does not already exist in the system, and they bear sole responsibility for entries which may turn out to be incorrect.

User ID and password

Participants log in to their protected data area with the help of a personal User ID (= QS ID). Participants receive their User ID and password per e-mail once the registration documentation has been sent to BFS and successfully checked by them. To guarantee the greatest possible security, participants have to change the password immediately after logging in for the first time and thereafter every two months. Participants are automatically requested to do so by the system when they log in.

There is no charge for the provision of the 1st user. A one-off fee of EUR 49 plus VAT at the legally valid rate is charged for every additional user. The fee is charged by the sponsoring company of the Animal Welfare Initiative. Simultaneous parallel use by a user is prohibited. In the event of misuse, BFS refuses to grant any guarantee of any kind for the data transfer or the correctness thereof.

Liability

1 Participants are responsible for ensuring that user passwords cannot be accessed by any third party. They must be kept secret. Users accept full responsibility for all actions taken using their user name in combination with their password.

2 Participants are obliged to notify BFS without delay in the event of misuse of any kind of their User ID as soon as they become aware of the fact. In the event of misuse, users must change their password immediately.

3 If there is a change in the person using the User ID, the signatory of the registration form is obliged to ensure that the password is changed immediately. BFS will not accept liability of any kind for culpable damage arising from unauthorised and/or incorrect use of the password-protected login of a user.
In the event of violation of these terms of use, BFS reserves the right to deny the user access to the BOP.

**Severability clause**

Should any of these terms of use be or become ineffective in full or in part, this will not affect the validity of the other terms of use. This will apply in particular if the ineffectiveness only relates to individual components. The invalid provision will be substituted by a legally effective provision which comes closest to fulfilling its intended economic purpose.

**Miscellaneous**

The other contractual agreements between the parties will remain as they are, unless expressly amended by these terms of use.

**Place of jurisdiction**

The place of fulfilment and jurisdiction for all and any disputes arising from this agreement is Gütersloh, provided that the person concerned is a merchant entered in the German Commercial Register.

BFS finance GmbH
Gütersloher Strasse 123
33415 Verl