

# **SelfAWB** integration documentation for contract customers

1.	General presentation	2
2.	Working mode	3
2.1.	AWB Generation	3
2.2.	Export errors list AWB generation	3
2.3.	Export list of branches from SelfAWB application	4
2.4.	AWB Printing (HTML format)	5
2.5.	AWB printing (PDF format)	5
2.6.	AWB deletion	5
2.7.	Export courier services list	6
2.8.	Export list of localities	6
2.9.	Export of list of observations	7
2.10.	Export of slip	7
2.11.	Completion of register	7
2.12.	Download of AWB scan (after AWB delivery and scanning at Archive)	8
2.13.	Export of transfers	8
2.14.	Export Courier orders	9
2.15.	Export streets and postal codes	9
2.16.	Courier order	10
2.17.	AWB tariff calculation	11
2.18.	AWB tracking	12
2.19.	Tracking AWB list – XML result	13

# 1. General presentation

For the SelfAWB integration API, it is necessary to have an agreement with FAN Courier.

If you have a signed contract, but you did not receive the login data in the SelfAWB application, please contact the colleagues from SelfAWB Department at <a href="mailto:selfawb@fancourier.ro">selfawb@fancourier.ro</a>

If you do not have a contract signed with FAN Courier and you wish to sign one, please contact the colleagues from Sales Department at <a href="mailto:sales.bucuresti@fancourier.ro">sales.bucuresti@fancourier.ro</a>.

Exclusively for tests you can use the below data:

Clientid: 7032158Username: clienttestPassword: testing

FAN Courier's customers wish to generate AWB's from their own application.

For this, they need the following from FAN Courier:

- AWB number;
- Data regarding agencies;
- Localities and distances;
- Tariff:
- Printable form of label.

Division of functions on applications and flow:

Developed internal application	Application for FAN customer – SelfAWB
1. Filling in the data of	
dispatch/dispatches	
2. Sending this data towards the FAN system as HTTP POST	
	<ol> <li>Handling, checking and processing of data through the same system as Import AWB</li> </ol>
	4. FAN Courier system answers with information about each processed dispatch
5. Customer's application will keep the answer data and print the answer received from the print link	

# 2. Working mode

#### 2.1. AWB Generation

import\_awb\_integrat.php (must be used with HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/import\_awb\_integrat.php">https://www.selfawb.ro/import\_awb\_integrat.php</a> with HTTP POST, with the following variables (with small letters):

- **username** username used at login with SelfAWB application
- client\_id is unique for each branch and can be found in the left part of SelfAWB, after login in application
- user\_pass password used at login in SelfAWB application
- **fisier** this is the file which contains data about the dispatches to be imported; the file is created according to the model for import AWBs in the FAN application, can contain one or more registrations (dispatches) and can be downloaded from the SelfAWB application AWB Import AWBs.

After import the result is:

- Number of line from file, 1, AWB no, tariff of successful line import, without errors at locality etc.
- Number of line from file, 0, problem description for failed line import, if for ex. does not have at least an envelope or parcel

#### Ex.

1,1, 2004900850011,15 2,1, 2004900850025,11 3,0,lipsa strada destinatar 4,1, 2004900850031, 32

# 2.2. Export errors list AWB generation

export\_lista\_erori\_imp\_awb\_integrat.php (must be used with HTTP POST method)

The customer must access the web address

https://www.selfawb.ro/export\_lista\_erori\_imp\_awb\_integrat.php with HTTP POST, with the following variables (with small letters):

- username username used at login with SelfAWB application;
- client\_id is unique for each branch and can be found in the left part of SelfAWB, after login in application;
- **user\_pass** password used at login in SelfAWB application.

A file which contains the list of errors will be returned. This will contain the structured information on columns: Name, County, Locality, Phone, Envelopes, Parcels, Weight, Description.

## 2.3. Export list of branches from SelfAWB application

get\_account\_clients\_integrat.php (must be used with HTTP POST)

The customer must access the web address

<u>https://www.selfawb.ro/get\_account\_clients\_integrat.php</u> with HTTP POST, with the following variables (with small letters):

- **username** username used at login with SelfAWB application
- client\_id is unique for each branch and can be found in the left part of SelfAWB, after login in application

All the working points mapped on that account will be returned, in json format:

- customer ID
- name of pick-up point
- address of pick-up point

#### Example (test account):

[{"client\_id":"7024738","nume":"FAN Courier Corespondenta Pipera","adresa":""},{"client\_id":"7032158","nume":"FAN COURIER - cont test","adresa":"Bucuresti, Fabrica de Glucoza (sosea), 11C, FAN, 020331"},{"client\_id":"7078796","nume":"FAN Courier Corespondenta - TEST integrare","adresa":""},{"client\_id":"7088220","nume":"FAN Courier Corespondenta TEST Pipera Cluj-Napoca","adresa":""},{"client\_id":"7090663","nume":"FAN Courier Corespondenta TEST Pipera Voluntari","adresa":"Voluntari, Mihai Eminescu (Strada), 2, cladire verde, 077190"},{"client\_id":"7099367","nume":"testtt","adresa":"Bucuresti, Ghencea (prelungire), 2, bloc mov, 061704"},{"client\_id":"7099368","nume":"test - it","adresa":""},{"client\_id":"7155775","nume":"FAN Dezvoltare - teste","adresa":"Bucuresti, Ridicare din sediul FAN Stefanesti (Sediu), -, -, 077175"}]

## 2.4. AWB Printing (HTML format)

view\_awb\_integrat.php (must be used with HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/view\_awb\_integrat.php">https://www.selfawb.ro/view\_awb\_integrat.php</a> with HTTP POST, with the following variables (with small letters):

- **nr** AWB number
- username username used at SelfAWB application login
- **client\_id** customer ID from application
- user\_pass password used at SelfAWB application login
- page (optional) will be filled in with values A4, A5, A6
- In (optional) will be filled in with ro value for Romanian language and with en for English language

Will make password check and display for printing (a HTML file is returned).

# 2.5. AWB printing (PDF format)

view\_awb\_integrat\_pdf.php (must be used on the HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/view\_awb\_integrat\_pdf.php">https://www.selfawb.ro/view\_awb\_integrat\_pdf.php</a> with HTTP POST, with the following variables (with small letters):

- **nr** AWB number
- **username** username used at SelfAWB application login
- client\_id customer ID from application
- **user\_pass** password used at SelfAWB application login
- page (optional) will be filled in with values A4, A5, A6
- label (optional) will be filled in with number of label which is intended to be generated
- language will be filled in with ro value for Romanian language and with en for English language

Will make password check and display for printing (a PDF file is returned).

#### 2.6. AWB deletion

delete\_awb\_integrat.php (must be used with HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/delete\_awb\_integrat.php">https://www.selfawb.ro/delete\_awb\_integrat.php</a> with HTTP POST, with the following variables (with small letters):

- AWB AWB number
- **username** username used at login from SelfAWB application
- **client\_id** client ID from application
- user\_pass the password used at login in the SelfAWB application

Will make a password check and will delete the AWB if the register is not completed. Will return an error message or the AWB number followed by DELETED for confirmation.

### 2.7. Export courier services list

export\_servicii\_integrat.php (must be used with HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/export\_servicii\_integrat.php">https://www.selfawb.ro/export\_servicii\_integrat.php</a> with HTTP POST, with the following variables (with small letters):

- **username** the username used at login in the SelfAWB application
- **client\_id** the client ID from the application
- user\_pass password used at login in the SelfAWB application

The username, client\_id and user\_pass parameters will be checked and then a file will be returned that will contain the list of courier services necessary for the generation of dispatches.

# 2.8. Export list of localities

export\_distante\_integrat.php (must be used with HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/export\_distante\_integrat.php">https://www.selfawb.ro/export\_distante\_integrat.php</a> with HTTP POST, with the following variables (with small letters):

- username the username used at login in the SelfAWB application
- **client\_id** the client ID from the application
- user\_pass password used at login in the SelfAWB application
- **judet (optional)** will be filled in with the county name
- language (optional)

A csv format file will be returned that will contain the list of counties, localities, agency and additional km from the FAN Courier system, necessary for generation of dispatches.

### 2.9. Export of list of observations

export\_observatii\_integrat.php (must be used with HTTP POST

method) The customer must access the web address

<u>https://www.selfawb.ro/export\_observatii\_integrat.php</u> with HTTP POST, with the following variables (with small letters):

- username the username used at login in the SelfAWB application
- client\_id the client ID from the application
- user\_pass password used at login in the SelfAWB application

The parameters will be checked and then a file will be returned that will contain the list of observations necessary for generation of dispatches.

### 2.10. Export of slip

export\_borderou\_integrat.php (must be used with HTTP POST method)

The customer must access the web address

https://www.selfawb.ro/export\_borderou\_integrat.php with HTTP POST, with the following variables (with small letters):

- **username** the username used at login in the SelfAWB application
- **user\_pass** password used at login in the SelfAWB application
- **client\_id** the client ID from the application
- data date of register, in format: dd.mm.yyyy
- mode (optional) can be filled in with values 0 (register with dispatches generated from selfawb) or 1 (register with all the dispatches self & nonself)
- language (optional)

A file will be returned that contains the dispatches from the registers which have the date (data\_borderoului) equal to the date received as parameter.

# 2.11. Completion of register

finalizare\_borderou\_integrat.php (must be used with HTTP POST

method) The customer must access the web address

<u>https://www.selfawb.ro/finalizare\_borderou\_integrat.php</u> with HTTP POST, with the following variables (with small letters):

- **username** the username used at login in the SelfAWB application
- **user\_pass** password used at login in the SelfAWB application
- **client\_id** the client ID from the application

The open register will be completed and the register for printing will be returned.

#### 2.12. Download of AWB scan (after AWB delivery and scanning at Archive)

download\_awb\_scan\_integrat.php (must be used with HTTP POST method)

The customer must access the web address

https://www.selfawb.ro/download\_awb\_scan\_integrat.php with HTTP POST, with the following variables (with small letters):

- **username** the username used at login in the SelfAWB application
- **user\_pass** password used at login in the SelfAWB application
- **client\_id** the client ID from the application
- **AWB** AWB number of dispatch
- **language** (optional)

An image file of format \*jpg will be returned that contains the scan of the transport document.

!!! The scan will be downloaded only after the AWB delivery and its scanning in the FAN Courier Archive.

# 2.13. Export of transfers

export\_raport\_viramente\_integrat.php (must be used with HTTP POST

method) The customer must access the web address

https://www.selfawb.ro/export\_raport\_viramente\_integrat.php with HTTP POST, with the following variables (with small letters):

- **username** the username used at login in the SelfAWB application
- user\_pass password used at login in the SelfAWB application
- **client\_id** the client ID from the application
- data date of register, in format: dd.mm.yyyy
- language (optional)

A file will be returned, which contains the dispatches that have the sum in the account and the date (transfer date) equal to the date received as parameter.

## 2.14. Export Courier orders

export\_comenzi\_integrat.php (must be used with HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/export\_comenzi\_integrat.php">https://www.selfawb.ro/export\_comenzi\_integrat.php</a> with HTTP POST, with the following variables (with small letters):

- **username** the username used at login in the SelfAWB application
- **user** pass password used at login in the SelfAWB application
- **client\_id** the client ID from the application
- data date of register, in format: dd.mm.yyyy
- **language** (optional)

The check will be made: username, client\_id, user\_pass, date and then a file will be returned that contains the courier orders which have date (order date) equal to the date received as parameter.

# 2.15. Export streets and postal codes

export\_strazi\_integrat.php (must be used with HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/export\_strazi\_integrat.php">https://www.selfawb.ro/export\_strazi\_integrat.php</a> with HTTP POST, with the following variables (with small letters):

- **username** the username used at login in the SelfAWB application
- user\_pass password used at login in the SelfAWB application
- **client id** the client ID from the application
- **judet** (optional)
- localitate (optional)
- language (optional)

A csv file will be returned that will contain: counties, localities, streets, numbers and their postal codes.

### 2.16. Courier order

comanda\_curier\_integrat.php (must be used with HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/comanda\_curier\_integrat.php">https://www.selfawb.ro/comanda\_curier\_integrat.php</a> with HTTP POST, with the following variables (with small letters):

- **username** the username used at login in the SelfAWB application
- **user\_pass** password used at login in the SelfAWB application
- **client\_id** the client ID from the application
- pers\_contact necessary
- **tel** necessary
- **email** necessary
- nr\_colete optional, at least one parcel/envelope must be specified
- nr\_plicuri optional, at least one parcel/envelope must be specified
- greutate necessary, for envelopes introduce 1
- inaltime necessary only for parcels or if weight > 1
- lungime necessary only for parcels or if weight > 1
- latime necessary only for parcels or if weight > 1
- **ora\_ridicare** necessary, format: hh:mm
- **observatii** optional
- **judet** county
- localitate locality

Optional fields to be used only when the pickup address is different from the customer's address:

- **client\_exp** the name of the sender customer, different from the branch name
- **strada** optional, is filled in only for orders with pickup address different from the customer's address
- **nr** optional
- **bloc** optional
- **scara** optional
- **etaj** optional
- **ap** optional
- **localitate** necessary when the street is filled in
- judet necessary when the street is filled in

Important: The orders have the pickup date same as the introduction date. The pickup program of orders is about 1 hour after the specified hour. The program is: Monday to Friday between 09:00-19:00 and Saturday between 09:00-13:00.

Note: If there are more AWBs on one branch, it is needed to create a single courier order on that branch.

#### 2.17. AWB tariff calculation

tarif.php (must be used with HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/tarif.php">https://www.selfawb.ro/tarif.php</a> with HTTP POST, with the following variables (with small letters):

- **username** the username used at login in the SelfAWB application
- user\_pass password used at login in the SelfAWB application
- **client\_id** the client ID from the application
- **serviciu** the type of service
- In the field "seviciu" you can complete:
  - **Standard** the refund amount will reach you in the envelope.
  - Cont Colector using this service, the refund amount will be deposited in your bank account
  - All other FAN Courier services can be found at: https://www.fancourier.ro/servicii/

For internal services (different from Export):

- plata la payment of dispatch at "receiver" or "sender" (optional)
- localitate\_dest name of receiving locality, according to FAN Courier system
- judet\_dest name of receiving county, according to FAN Courier system
- plicuri number of envelopes
- colete number of parcels
- greutate total weight of dispatch (kg)
- **lungime** length of parcel (cm)
- latime width of parcel (cm)
- inaltime height of parcel (cm)
- val\_decl declared value of dispatch
- plata\_ramburs payment for reimbursement at "receiver" or "sender"
- optiuni the appropriate letter/letters for the desired options is introduced

#### For the Export service:

- **modtrim** sending mode of dispatch (road/air)
- serviciu export
- **greutate** total weight of dispatch (kg, with two decimals)
- **val\_decl** declared value, numerical format bigger than 0
- **pliccolet** total number of parcels from the dispatch
- s inaltime (mandatory) the value of all the parcels' height
- s\_latime (mandatory) the value of all the parcels' width

- s\_lungime (mandatory) the value of all the parcels' length
- **dest\_tara** name of destination country
- **tipcontinut** values of document 1 or non-document 2
- km\_ext number of exterior kilometres at sender

The tarif.php script will answer with the value of dispatch or with an error message related to one of the parameters. The returned result will be as JSON:

- in case of success: \$output["tarif"] and \$output ["gvol"] will be returned
- in case of error the reason/reasons of error will be returned: \$output["errors"]

### 2.18. AWB tracking

awb\_tracking\_integrat.php (must be used with HTTP POST method)

The customer must access the web address <a href="https://www.selfawb.ro/awb\_tracking\_integrat.php">https://www.selfawb.ro/awb\_tracking\_integrat.php</a> with HTTP POST, with the following variables (with small letters):

- **username** the username used at login in the SelfAWB application
- **user\_pass** password used at login in the SelfAWB application
- **client\_id** the client ID from the application
- AWB AWB number of dispatch
- display\_mode:
  - o 1 display of the last status, ID status will be returned, status description
  - 2 display of last registration from the tracking history
  - 3 display of the full history of the

tracking o 4 - display proof of delivery

- 5 display json format result
- language (optional)

The history of tracking or the last status of the dispatch will be returned.

If the AWB was generated, but it does not have information about the status, it will return:

- 0, AWB was registered by the sender customer.
- 1, the AWB was not registered in the FAN Courier system.

#### List of statuses is:

- 2 Delivered
- 3 Advised
- 6 Receipt refusal
- 7 Transport payment refusal
- 8 Delivery from the FAN Courier headquarters
- 9 Redirected
- 12 Contacted, subsequent delivery
- 14 Access restrictions at address

- 15 Reimbursement delivery refusal
- 38 Non-dispatched AWB
- 42 Wrong address
- 43 Return
- 47 Delivered to external partner

### 2.19. Tracking AWB list – XML result

awb\_tracking\_list\_integrat.php (must be used with HTTP POST method)

The customer must access the web address

https://www.selfawb.ro/awb\_tracking\_list\_integrat.php with HTTP POST, with the following variables (with small letters):

- username the username used at login in the SelfAWB application client\_id – client ID from application - user\_pass (password coded MD5)
- standard (optional, 0, 1, 2 or 3)
- fisier this is the file which contains data about the tracked dispatches; the xml file is created according to the below model
- language (optional)

```
!!! For Standard=4 it is necessary the call with parameters:
    username
    user_pass
    client_id
    standard = 4
    awburi (array encodat json). Exemplu: [5345899260009, 5345899260009]
```

The response will be Json in format: {"0":{"awb":5345899260009,"oras destinatar":"Tamaseu","nume confirmare":"Szilagyi Ileana","data confirmare":"13.12.2018","ora confirmare":"17:16", "awb retur":"","0":{"id":1,"status":"Expeditie in livrare", "data":"12.12.2018","ora":"14:46", "oras":"Lugoj", "traseu":"Expeditia a fost preluata de catre FAN Courier in data 12.12.2018 14:46."},"1":{"id":1,"status":"Expeditie in livrare","data":"12.12.2018", "ora":"19:35", "oras":"Lugoj", "traseu":"Expeditia a plecat din hub-ul FAN Courier Lugoj spre hub-ul de destinatie in data 12.12.2018

19:35."},"2":{"id":2,"status":"Livrat", "data":"13.12.2018", "ora":"10:46", "oras":"Oradea", "traseu":"Expeditia a fost preluata spre livrare de catre curierul din orasul Oradea in data 13.12.2018

10:46."},"3":{"id":2,"status":"Livrat", "data":"13.12.2018", "ora":"17:16", "oras":"Oradea", "traseu":"Ultimul status al expeditiei: livrat in data 13.12.2018 17:16."]},"1":{"awb":5345899260009,"oras destinatar":"Tamaseu", "nume confirmare":"Szilagyi Ileanar, "data confirmare":"13.12.2018","ora confirmare":"17:16", "awb retur":"","0":{"id":1,"status":"Expeditie in livrare", "data":"12.12.2018","ora:"14:46", "oras":"Lugoj", "traseu":"Expeditia a fost preluata de catre FAN Courier in data 12.12.2018 14:46."},"1":{"id":1,"status":"Expeditie in livrare", "data":"12.12.2018","ora:"19:35", "oras":"Lugoj", "traseu":"Expeditia a plecat din hub-ul FAN Courier Lugoj spre hub-ul de destinatie in data 12.12.2018

19:35."},"2":{"id":2,"status":"Livrat","data":"13.12.2018","ora":"10:46","oras":"Oradea","traseu":"Expediti a a fost preluata spre livrare de catre curierul din orasul Oradea in data 13.12.2018 10:46."},"3":{"id":2,"status":"Livrat","data":"13.12.2018","ora":"17:16","oras":"Oradea","traseu":"Ultimul status al expeditiei: livrat in data 13.12.2018 17:16."}},"error":"AWB-ul nu a fost predat catre FAN Courier"}

#### XML file model:

```
<?xml version="1.0" ?>
- <AWBLIST>
   - <AWB>
       <ID>1</ID>
       <NRAWB>20XX000XX00XX</NRAWB>
    </AWB>
    - <AWB>
       <ID>2</ID>
       <NRAWB>[...]</NRAWB>
    </AWB>
    - <AWB>
      <ID>3</ID>
       <NRAWB>[...]</NRAWB>
   </AWB>
    - <AWB>
      <ID>4</ID>
      <NRAWB>[...]</NRAWB>
    </AWB>
</AWBLIST>
```

#### The result is with the below form:

If the optional parameter has the value 1 then the result will have the form:

```
- <STATUS>
                       <ID>1</ID>
                       <DATA>03.02.2010 19:47</DATA>
               </STATUS>
               - <STATUS>
                       <ID>2</ID>
                       <DATA>03.02.2010 21:14</DATA>
               </STATUS>
              - <STATUS>
                       <ID>3</ID>
                       <DATA>04.02.2010 09:19</DATA>
               </STATUS>
               - <STATUS>
                       <ID>4</ID>
                        <DATA>04.02.2010 09:35</DATA>
               </STATUS>
               </STATUS_AWB>
               <STATUS_LIVRARE>2</STATUS_LIVRARE>
        </AWB>
</AWBLIST>
```

If the optional parameter has the value **2** then the result will have the form:

If the optional parameter has the value 3 then the result will have the form:

```
<?xml version="1.0" ?>
- <AWBLIST>
        - <AWB>
              <NRAWB>2XXXXXXXXXXXXX</NRAWB>
               <CONTINUT>[...]</ CONTINUT >
               <STATEDESCRIPTION>Fara eroare</STATEDESCRIPTION>
               <STATUS>2</STATUS>
               <Data>06.07.2013 09:43
        </AWB>
        - <AWB>
               <NRAWB>2XXXXXXXXXXXXX</NRAWB>
               <CONTINUT>[...]</ CONTINUT >
               <STATEDESCRIPTION>Fara eroare</STATEDESCRIPTION>
               <STATUS>2</STATUS>
               <Data>06.07.2013 13:22</Data>
        </AWB>
</AWBLIST>
```

#### List of ID statuses is:

- 1 Scanning the sending courier
- 2. Date of AWB loading towards the receiving town
- 3. Pickup date by the receiving courier
- 4. Date of last delivery status

Observation: Based on the service type of the dispatch some statuses can miss

#### List of statuses is:

- 2 Delivered
- 3 Advised
- 6 Receipt refusal
- 7 Transport payment refusal
- 8 Delivery from FAN Courier headquarters
- 9 Redirected
- 12 Contacted, subsequent delivery
- 14 Access restrictions at address
- 15 Refusal of reimbursement delivery
- 38 non-dispatched AWB
- 42 Wrong address
- 43 Return
- 47 Delivered to external partner