

# **EBICS with Odoo**

**Electronic Banking Internet Communication Standard**

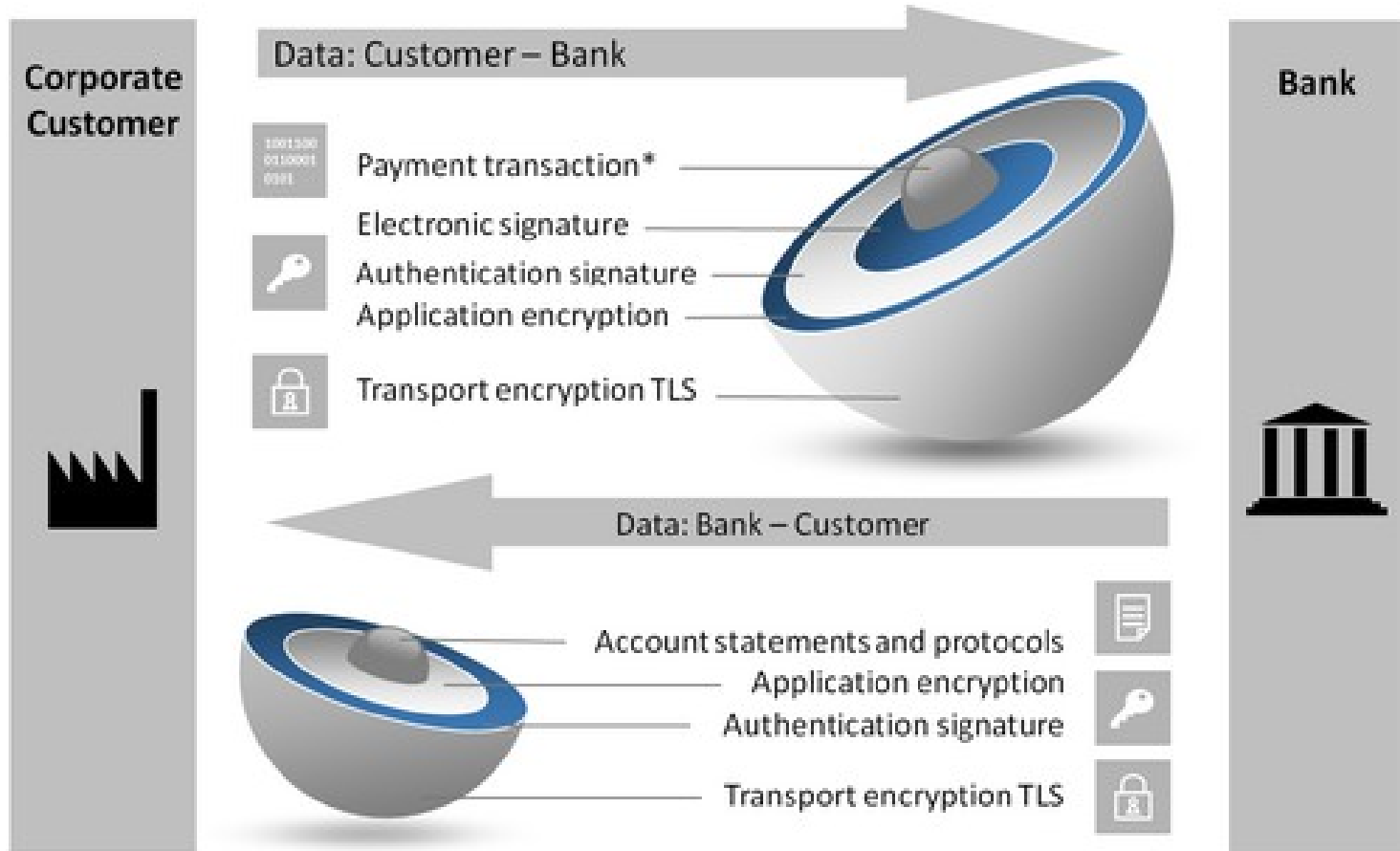
**Luc De Meyer**

**Odoo Experience 2017**

# EBICS

- Started in Germany in 2006
- Mandatory since 2008 in Germany
- Nov 2008 - France (CFONB)
- Jan 2015 Switzerland (SIX Interbank Clearing)

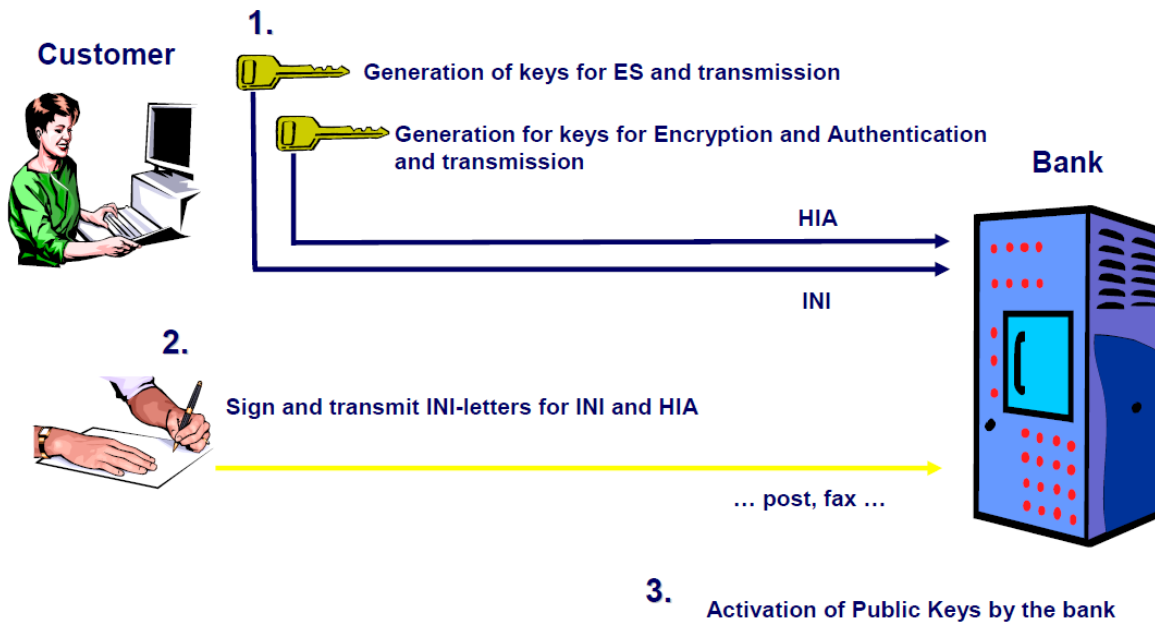
# EBICS



\* Other file formats also possible

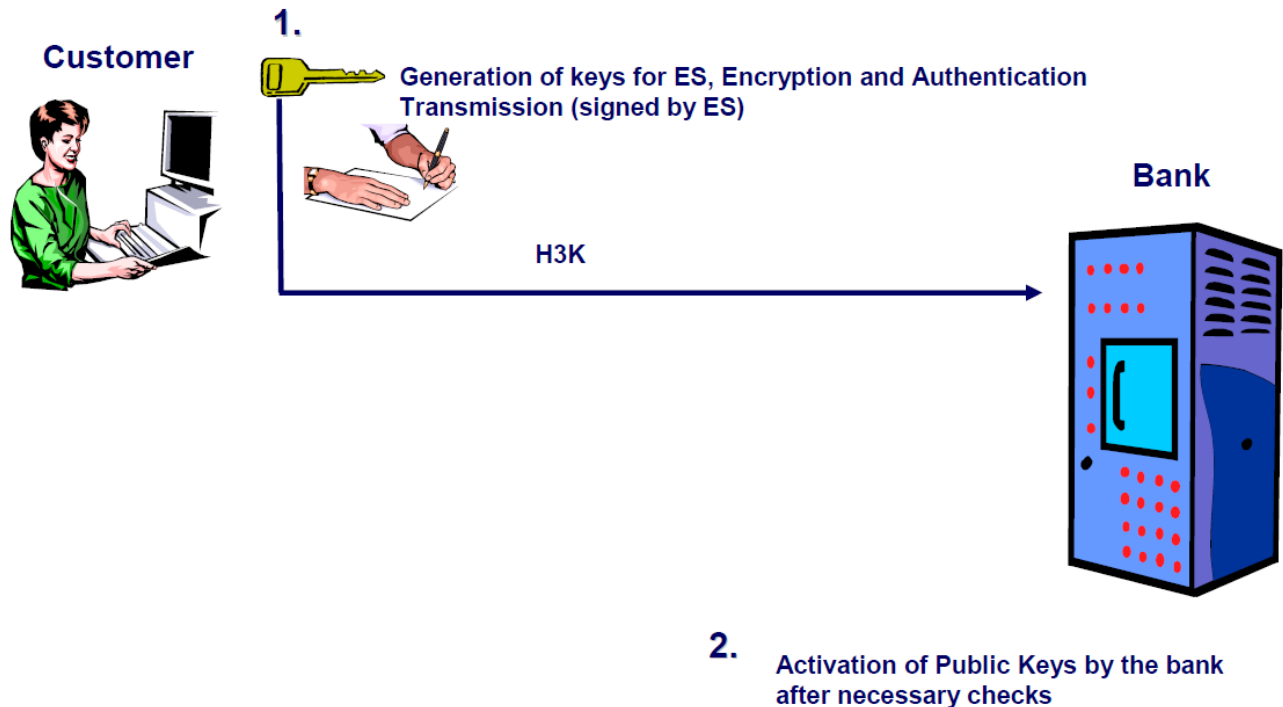
# EBICS initialisation with letters

Initialisation of a user by order types INI and HIA



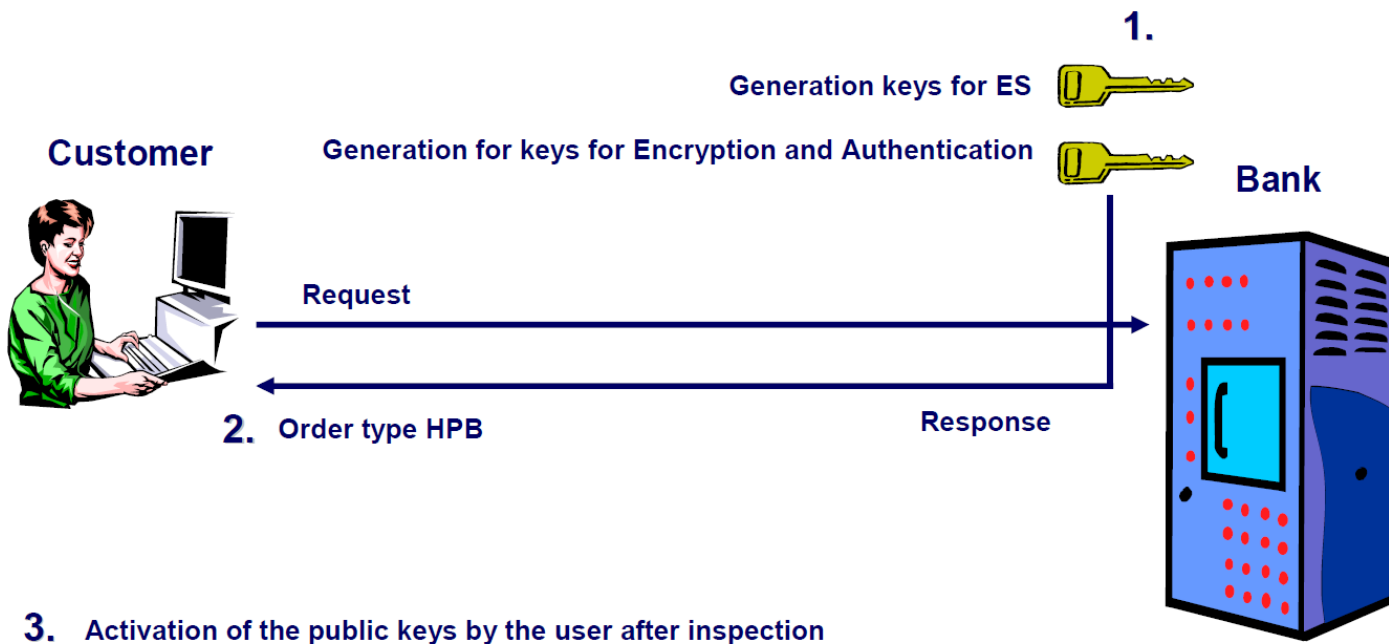
# EBICS initialisation without letters

Initialisation of a user by order type H3K



# EBICS initialisation

Initialisation of bank keys



# EBICS initialisation in Odoo

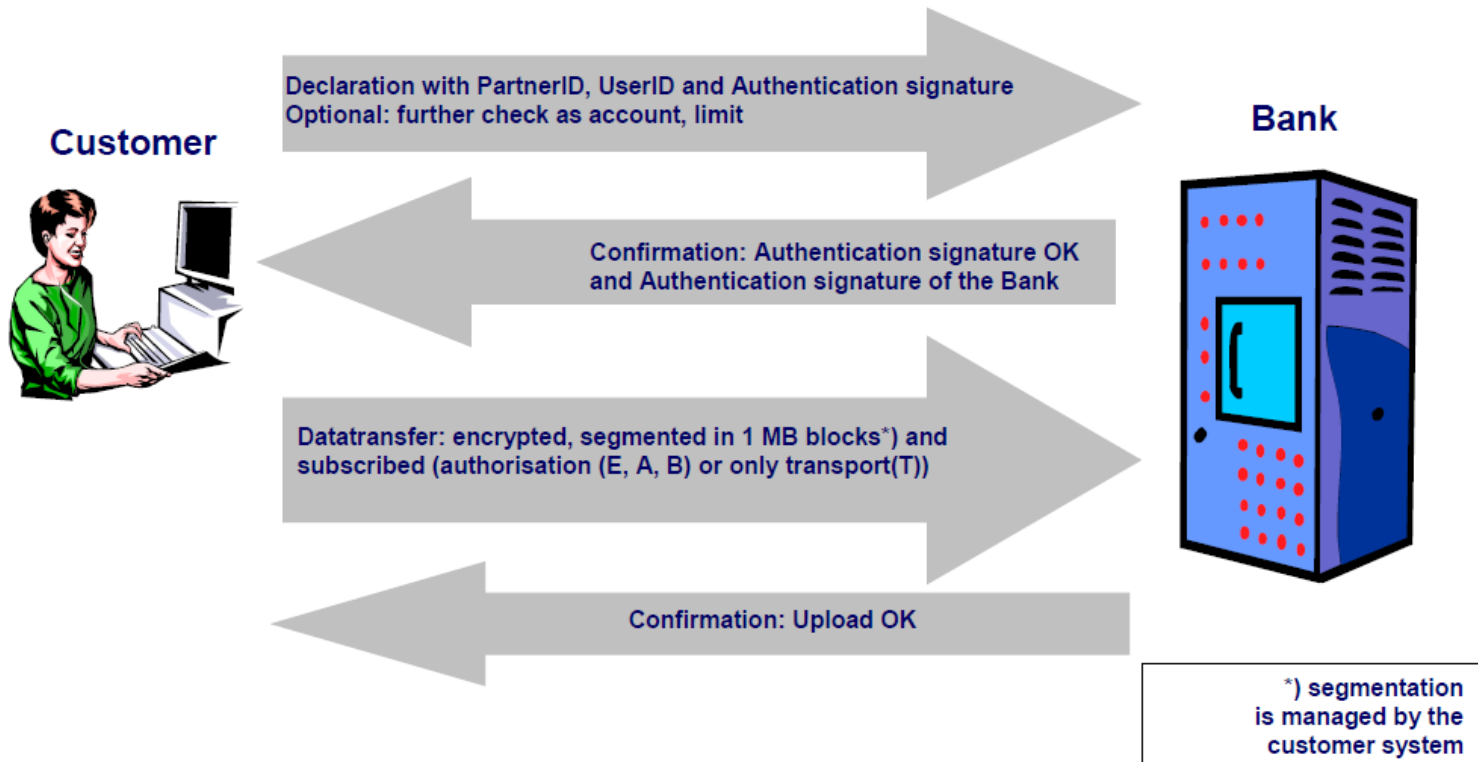
The screenshot displays the Odoo Accounting application interface for EBICS Configuration. The left sidebar shows navigation options like Vendor Bills, Payments, Vendors, and Adviser. The main content area is titled 'EBICS Configuration / CIC' and includes buttons for 'Edit' and 'Create'. A breadcrumb trail shows the current step: 'Draft' > 'Initialisation' > 'Get Keys from Bank' > 'Verification' > 'Active'. The configuration details are as follows:

<b>Name</b>	CIC	<b>Bank Account</b>	FR76 3002 7177 2900 0200 6130 124
<b>EBICS HostID</b>	CMCIFRPA	<b>EBICS URL</b>	https://pebics.cm-cic.com/ebicsweb/ebicsweb
<b>EBICS PartnerID</b>	72060026	<b>EBICS UserID</b>	720600260001
<b>EBICS protocol version</b>	H003 (2.4)	<b>Signature Class</b>	Transport signature
<b>EBICS Files Root</b>	/home/odoo10/ebics_files/ebics_ce	<b>Order number</b>	C002
<b>Active</b>	<input checked="" type="checkbox"/>		

Below the configuration details, there are tabs for 'Keys' and 'File Formats'. The 'EBICS Initialisation' tab is active, showing the following details:

<b>EBICS Keys</b>	/home/odoo10/ebics_keys/ebics_ce/bne_cic_ebics_keys	<b>EBICS Passphrase</b>	*****
<b>EBICS key version</b>	A006 (RSASSA-PSS)	<b>EBICS key bitlength</b>	2,048

# Uploading Files





# EBICS Upload

Settings

EBICS File Transfer

**Select your bank :**

EBICS Configuration

**Select your file :**

File to Upload

Upload Filename

EBICS File Format

Order Type

Test Mode

or

# EBICS Upload

EBICS Upload Files					
Search...					
<input type="button" value="Filters"/> <input type="button" value="Group By"/> <input type="button" value="Favorites"/>					
<input type="checkbox"/>	Upload Date	Filename	User	State	EBICS File Formats
<input type="checkbox"/>	10/01/2017 22:11:11	sct_PAY0001.xml	Administrator	Done	pain.001.001.02.sct
<input type="checkbox"/>	10/01/2017 20:06:50	sct_2017-006 TST.xml	Administrator	Done	pain.001.001.02.sct

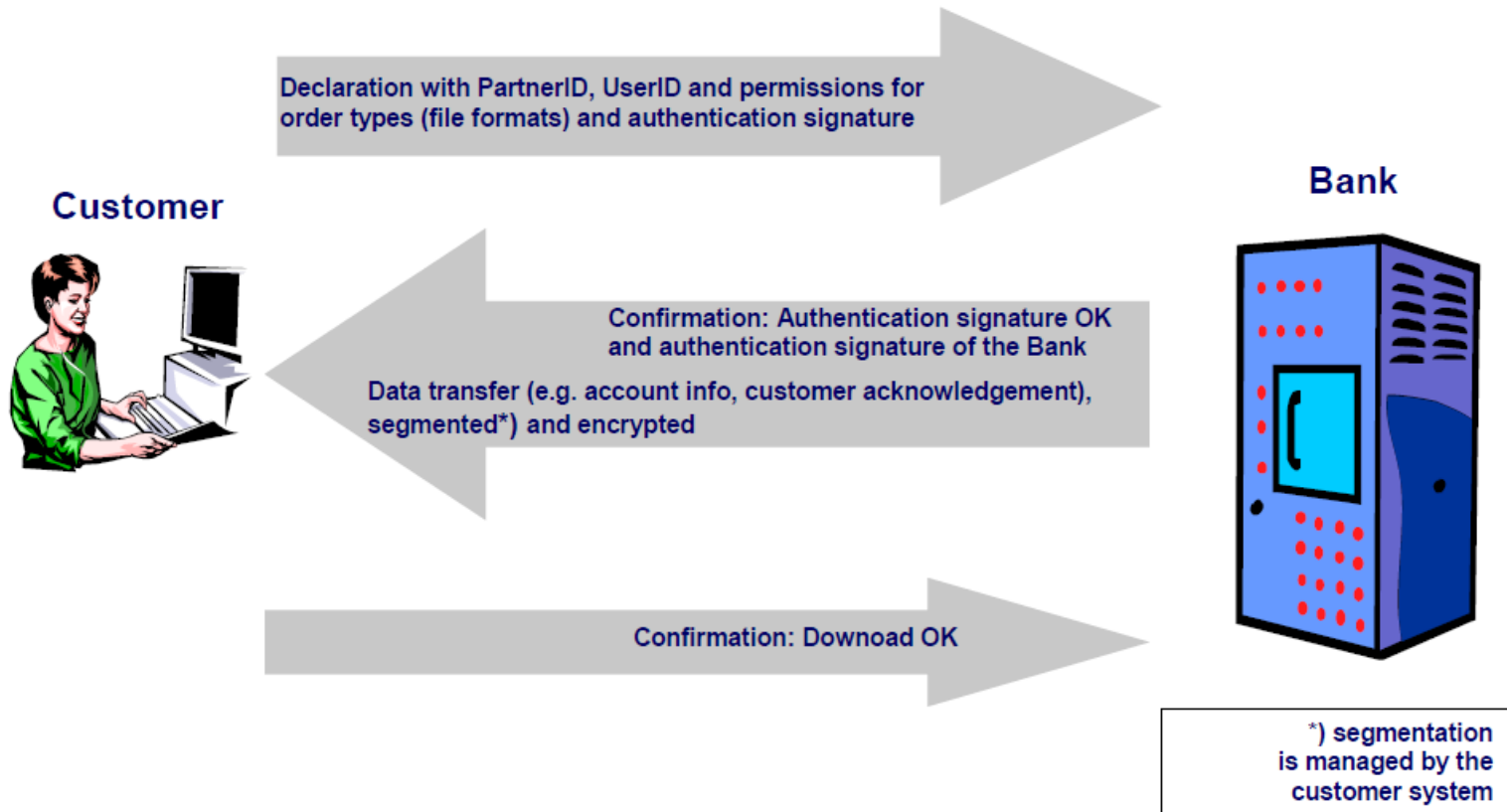
Set to Draft
Draft **Done**

<b>Upload Date</b>	10/01/2017 22:11:11	<b>Filename</b>	sct_PAY0001.xml
<b>File</b>	sct_PAY0001.xml	<b>EBICS File Formats</b>	pain.001.001.02.sct
<b>User</b>	Administrator		

Additional Information

EBICS OrderID: C001  
Origin: Payment Order: PAY0001

# Downloading Files



# EBICS Download

nting Apps Settings

EBICS File Transfer

Select your bank :

EBICS Configuration CIC

Date from

Date to

EBICS File Format

Download Files or Cancel

EBICS file transfer result

Results :

EBICS File 'CMCIFRPA\_2017-09-06.cfonb120.dat' is available for further processing.

View EBICS File(s) Close

# EBICS Download

EBICS Download Files							Search...	Q
							<input type="button" value="Filters"/> <input type="button" value="Group By"/> <input type="button" value="Favorites"/>	1-2 / 2 < >
<input type="checkbox"/>	Download Date	Filename	Date from	Date to	User	State	EBICS File Formats	
<input type="checkbox"/>	10/01/2017 19:47:22	CMCIFRPA_2017-09-05.cfonb120.dat	09/05/2017	09/05/2017	Administrator	Done	camt.xxx.cfonb120.stm	
<input type="checkbox"/>	10/01/2017 15:09:36	CMCIFRPA_2017-09-02.cfonb120.dat	09/02/2017	09/02/2017	Administrator	Done	camt.xxx.cfonb120.stm	

Process		Draft		Done
Download Date	10/02/2017 00:11:17	Filename	CMCIFRPA_2017-09-06.cfonb120.dat	
File	CMCIFRPA_2017-09-06.cfonb120.dat	EBICS File Formats	camt.xxx.cfonb120.stm	
Date from	09/06/2017	Date to	09/06/2017	
User	Administrator			
Additional Information				

# EBICS Download

Set to Draft Draft Done

Download Date	10/01/2017 19:47:22	Filename	CMCIFRPA_2017-09-05.cfonb120.dat
File	<a href="#">CMCIFRPA_2017-09-05.cfonb120.dat</a>	EBICS File Formats	camt.xxx.cfonb120.stm
Date from	09/05/2017	Date to	09/05/2017
User	Administrator		

Additional Information Bank Statements

Reference	Date	Journal	Starting Balance	Ending Balance	Status
Account 00020061301 2017-09-01 > 2017-09-04	09/04/2017	CIC 00020061301 (EUR)	105,852.90 €	364,744.05 €	New

# Odoo implementation

- account\_ebics
  - account\_ebics\_payment\_order
  - AGPL, free of charge, cf.
    - <https://github.com/luc-demeyer/noviat-apps>
- or
- <https://www.odoo.com/apps>
  - V8.0 - V10.0
  - Prerequisite
    - <https://pypi.python.org/pypi/fintech>