

# AZOTEL S05-05 v200 (2013-06)

### S05- SIMPLer Billing SmartDebit API Interface Process Flow



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### 1. Introduction

This document explains Azotel SIMPLer - SmartDebit API Interface process flow.

### 2. Setting up API details

Setup your SmartDebit API account. You will be provided with the following details:

- API Username
- API Password
- API PSLID
- API URL <u>https://secure.ddprocessing.co.uk/api</u>

Provide the details to Azotel Support or enter them into "Settings->Payment Gateways Definitions" section of SIMPLer system (fig. 2.1 & fig. 2.2).

Dashboard	Мар	Customers	Maintenance	Invoices	Products	Network	Hotspots	Radius	Tools	Settings	
	_		Heare								
Gene	ral:	_	03013								
Add	Add a new user		Results	1 - 12 of 12		Em	noil		WISD		Statue
Add	User Rights			•		EII			WISP		Julius
nemp.			ļ								
Add/	woully wisp		ļ								
Dowi	nloads		ļ								
Custo	omer:		ļ								
Grou	ps		ļ								
Custo	om Fields										
Track	king Definitions										
Post	Codes		ľ								
Sales	Opportunit	ies:	ſ								
Value	e Added Rese	ller	ļ								
Mast	er Agent		ľ								
Regi	onal Sales Ma	nager	Ī								
Sale	s Opportunity 1	íypes									
Flexit	ole Tax Syste	em:	ſ								
Tax Z	Zones		ſ								
Tax F	Rates		ļ								
Billing	g:		<u> </u>								
Billin	a lesuo Typos		Note:								
Payn	nent Gateways	;	(1) Adminis (2) Operato (3) User: sa	strator: full acc or: full acces to ame as Opera:	cess to all operat o the associated tor but cannot ad	tors WISP + can ad Id/delete users	d/delete users				
Temp	IAL										

Fig. 2.1. Settings -> Payment Gateways

6		Bide WISP: login: Payment Gatew	ays Definitions		Recently View	ed Customers
Das	shboard Map	Customers Maint	enance Invoices	Products	Network	Hotspots
Back Reset	Update Payment	Gateways				
Payment Gateways ID Name 21	Definitions Availability	Label	Module	Settings		
00						
23						
26 smartdebit	SIMPLer	♦ Pay Online		API_PASSM	IORD	
23 26 smartdebit View Log	SIMPLer	¢ Pay Online		API_PASSW API_F	VORD	
23 26 <b>smaridebit</b> View Log	SIMPLer	Pay Online		API_PASSW API_F API	VORD	
23 26 smaridebit View Log	SIMPLer	¢)Pay Online		API_PASSW API_F API_ API_U	JORD _URL JSER	
26 smartdebit View Log Add Blank Row	SIMPLer	¢ Pay Online		API_PASSW API_F API_ API_U	VORD	

Fig. 2.2. Payment Gateways Definition

NOTE: It is important to set "Availability" flag to "SIMPLer" as this API details will only be used within "Invoices to be EFT" page of SIMPLer system.

### 3. Adding Bank Account Details to Customer Account

It is required that customers have valid bank account details under their accounts in order to add/process their details successfully via SIMPLer – SmartDebit API.

In order to add/update customer bank account details go to the customer account and click "Bank Account Details" link on the left-hand menu (fig. 3.1)

🚳 General:
Modify Customer
Sub-Accounts
Customer Portal
Sales Opportunities
Invoicing:
Custom Invoice
Invoices Details
Subscription Details
Credit Card Dataile
Bank Account Details
Prepayments
Credits
Free Service Bonus

Fig. 3.1. Customer Account -> Bank Account Details

On the "Bank Account Details" page enter correct bank account information (fig. 3.2).

NOTE: It is very important to keep Bank Online Reference field unique in the database, i.e. each customer must have unique Bank Online Reference number.

NOTE: It is very important to have First Time Direct Debit flag set correctly. If "ON" then bank account details will be active on the "Invoices to be EFT" page to import it via API to SmartDebit. If "OFF" then bankc account details will be disabled to be uploaded to SmartDebit. This flag changes itself automatically from ON to OFF if customer bank account details are imported to SmartDebit system via API.

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	outside EFT det	uils			Update WIB files		
ashboard	Map Customers	Maintenance Invoices	Products Netwo	rk Hotspots	Radius Tools	Settings	QuickSearch
Customer	Details			=			
ID	7						
Name	Frank Hanr	igan					
Nickname	F_Hanniga	n					
Invoicing ID	FHANNIG						
Auto Paymen	Modifications will be ap 1- Processing Day of Month Bank EFT table	plied only if you press the "Up default • ?	date' button	-			
Preferred	Bank Account Number	Bank Sort Code	Bank Onli	ne Reference	Bank Account Name	FirstTime	Direct Debit
	12345678	123456	REF-123	4	John Doe	on	Delete
Add Row			Documentat	ion   <u>Release Notes</u>	3		

Fig. 3.2. Bank Account Details

NOTE: Customer must have other details entered correctly in order to allow importing their details to SmartDebit. Those details are:

- Address Street 1
- Customer Name
- Address City/Town
- Address ZIP / Post code

If any of the above is missing SIMPLer will refuse to import customer bank account details to SmartDebit via API. Those details can be updated under main "Modify Customer" Page (fig. 3.3)

Customer Identific	ation
Name	John Doe
Invoicing ID	
Nickname	lohnDoe
	Jumboc
Value Added Reseller	
Customer Addres	s Details
Billing Address	
- Street1	Azotel St
- Street2	
- Town	
	Cork
- County	
- Post Code	224224
	254524
- Country	

Fig. 3.3. Modify Customer Details

## 4. Import Customer Bank Account Details via API

In order to get customer accounts imported to SmartDebit via Azotel SIMPLer – SmartDebit API Interface follow the steps

1. Go to the "Invoices-> Invoices to be EFT" page (fig. 4.1)

Dashboard	Мар	Customers	Maintena, ce	Invoices	Froducts	Network	Hotspots
Invoicing	g process						
Generating				First Invo	ices		
_				Create C	ustom Invoice		
				Import Ex	ternal Billing Red	cords	
Clearing				Invoicest	o be EFT		
oroaning				Gustern (	Credit Cura Paym	ent	
				Custom E	-Check Payment		
Error handli	ng			Lodgeme	nts		

#### Fig. 4.1. Invoices -> Invoices to be EFT

2. On "Invoices to be EFT" page from "Direct Debit Module" drop-down list select "Smart Debit". Two new buttons will show up – "Download New Payer's File" and "Generate New Payer's File (nnn)". Number in parenthesis of "Generate New Payer's File (nnn)" shows information about number of bank accounts waiting to be imported to Smart Debit. This number is generated based on "First Time Direct Debit" flag. Thus nnn is a number of all bank accounts in the system that have "First Time Direct Debit" flag set to ON. If you click on "Generate New Payer's File (nnn)" button it will generate the file and automatically imports it via API to SmartDebit (fig. 4.2).

Dashboard	Мар	Customers	Maintenance	Invoices	Products	Network	Hotspots	Radius	Tools	Settings	
General: Lodgements Invoices >>	;>>		Transaction In Creation date	nfo:	un 🚖 10 📤	2013					
			Processing d Direct Debit N	ate E	rt Debit 🗢	Download Nev	v Payer's File	Generate	vew Payer's File	(142)	
			Narrative Tex Debit Proced	t [1] \$	)						•

#### Fig. 4.2. "Smart Debit" Direct Debit Module

3. Generating New Payer's File can return an error if some of the details are missing or incorrect. In that case customer bank account details will not be imported to SmartDebit via API and "First Time Direct Debit" flag will not get changed from ON to OFF. You can review Error Log to find all the errors found, fix the errors, reload "Invoices to be EFT" page and click "Generate New Payer's File" again (fig. 4.3 and fig. 4.4)

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File	Created By	Created Date	Error Log
<u>New Payer's File #55</u>	pawel	2013-06-10	Error Log #55
New Payer's File #54	pawel	2013-06-10	Error Log #54
<u>New Payer's File #53</u>	pawel	2013-06-10	Error Log #53
New Payer's File #52	pawel	2013-06-06	Error Log #52
New Payer's File #51	pawel	2013-06-06	Error Log #51
Page: <u>1 2 3 4 5 6 7 8</u>	<u>9 10 11</u>		



### 5. Generate and Import Charge File

If customer bank accounts details are imported you can generate/import charge file. Importing charge file via API to SmertDebit happens in the background when lodgement is generated. If some of the charges cannot be imported error message will be displayed on the summary page. If some of the charges are imported successfully and some of the charges are not imported due to errors lodgement will be created for all charges. It is required that erroneous charges are added manually to SmartDebit or they are failed in SIMPLer system. If all the charges are incorrect then charge file will not be imported at all.

In order to Generate Lodgement and Import Charge File to SmartDebit (fig. 5.1)

- select processing date
- select appropriate charges
- click "Generate" button

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Generate	Customer ID	Invoicing ID	Name	Status	Invoice Date	Amount	Choose Bank Account	Invoice No.	Available Prepayments
	1			current	10 Jun 2013	2691.00	123456 12345678 - REF-1234 💠	44497	0.00
	7			current	10 Jun 2013	2691.00	123456 12345678 - REF-1234 🗘	44498	0.00
	7			current	10 Jun 2013	1794.00	123456 12345678 - REF-1234 \$	44499	0.00
	7			current	10 Jun 2013	1794.00	123456 12345678 - REF-1234 💲	44500	0.00
	7			current	10 Jun 2013	2691.00	123456 12345678 - REF-1234 🖨	44501	0.00
	7			current	10 Jun 2013	2691.00	123456 12345678 - REF-1234 🗘	44502	0.00
	7			current	10 Jun 2013	1794.00	123456 12345678 - REF-1234 💲	44503	0.00
	7			current	13 May 2009	97.56	123456 12345678 - REF-1234 🖨	44504	0.00
	7			current	13 Aug 2009	97.56	123456 12345678 - REF-1234 🗘	44505	0.00
	7			current	13 Nov 2009	32.52	123456 12345678 - REF-1234 🖨	44506	0.00
	7			current	13 Feb 2010	48.78	123456 12345678 - REF-1234 💠	44507	0.00
	7			current	10 Jun 2013	2206.62	123456 12345678 - REF-1234 🖨	44508	0.00
7	133			current	07 May 2013	70.27	000000 12345678 - 1331000 🖨	44182	0.00
<b>V</b>	140			current	11 May 2013	120.00	000000 12345678 - 1401000 🖨	44304	0.00
j	154			current	16 May 2013	80.00	000000 12345678 - 1541000 🖨	44451	0.00

#### Fig. 5.1. Generate Payment

Example result of the import/lodgement is displayed on figure 5.2. Note the information in red color.

General:	Note:										
Invoices >>	The A2439_winbits_airwave_5652.txt file was created successfully for the customers listed below.										
	Lodgement Details: Reference: A2439 [2448] Narrative: Date: 03 Jul 2013 Type: direct debit										
	Download Winbits File										
	Invoicing ID	Processing date	Outstanding Invoice Amount	Payment Amount							
		01 Jul 2013	70.27	70.27							
		01 Jul 2013	120.00	120.00							
		01 Jul 2013	2601.00	2691.00							
		01 Jul 2013	2691.00	2691.00							
			Total Amount: 5652.00								
	An email was sent to pawel@azotel.com										
	***IMPORTANT*** The following errors were found when importing winbits file via API to SmartDebit. You may want to upload those charges manually or fail the payments under the lodgement ( <u>Open Lodgement Details</u> ) created:										
	Line 1: Not imported: DDI "1.331.000" not found. Line 3: Not imported: DDI "1.541.000" not found. Line 4: Not imported: DDI "REF-1.234" not found.										

#### Fig. 5.2. Result of generating payment

### 6. WISP Options

It is required that two following options are set under "Settings->Modify WISP" to get the feature working properly:

1. Banking Details Schema is set to "UK Banking Scheme" (fig. 6.1).

Bank Details Schema	UK Banking Scheme	• ?
Fig. 6.1.	Bank Details Schema	

2. EFT – Consolidate multiple payment entries for each Customer processed is ON (fig. 6.2).

EFT - Consolidate multiple payment entries for each Customer	
processed	on

Fig. 6.2. Consolidate multiple payment entries for each customer processed

# 7. Summary

If you have any questions contact support@azotel.com

### Annex A: References

A.1 Document References

### A.2 Link References

[L1] <u>http://www.azotel.com/</u>

### Annex B: Definitions and abbreviations

### **B.1 Definitions**

### **B.2** Abbreviations

For the purposes of the present document, the following abbreviations apply:

SIMPLer Azotel's integrated Operators platform

### Annex C: Check List

The following items have caused issues in the past

## Annex D: Change history

Change history					
Date	Author	Subject/Comment	Old	New	
10/06/13	Pawel	Initial Version.	N/a	001	
17/06/13	Paul	Changed doc's title, copyright and correct year, doc num on all pages	001	100	