



AFEX API Release Notes 13<sup>th</sup> September 2019



API External Release Notes  
13<sup>th</sup> September 2019



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## 1. Document Control

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Title	<b>External Release Notes 13<sup>th</sup> September 2019</b>
Document Owner	Integrated Solutions - AFEX
Author	Sean Beavis
Date Created	19 <sup>th</sup> September 2019
Document Purpose	To advise partner developers of API changes in AFEX's June Production release and enable them to make any code changes to their software accordingly.
Target Audience	Partner developers

### Revision History

Version	Date	Author	Change Details
0.1	19/09/2019	Sean Beavis	Document Created

## 2. Release Implementation Dates

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Environment	Implementation Date	Current Status
Production	Friday 13 <sup>th</sup> September 2019 PST	Release Deployment Complete
Demo	Thursday 19 <sup>th</sup> September 2019 PST	Release Deployment Pending

## 3. AFEX API Documentation

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The current published version of the AFEX API documentation (09.13.2019) which also includes the most recent enhancements can be accessed on the documentation link below:

<https://doc.api.afex.com>

## 4. Release Notes / Features

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**Note**, the end point URLs shown throughout this document is of the AFEX API Demo Environment. These are shown for testing / illustration purposes and are not Production end points.

### 4.1. Feature Summary

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The table below is a summary of the new features / changes described in this document.

AFEX Ref#	Feature
48138	'Trading Countries' field array added to the api/v1/corporateClient method.
48143	New API method added to AFEX's Partner API in order to allow partners to add company Directors and Beneficial Owner information for onboarded clients.
47463	New API method to allow for client Direct Debit (DD) enrollment.
47465	New API method to allow for client Direct Debit (DD) un-enrollment.
45318	Addition of API Outbound Notifications (web-hook) services that partners and clients can subscribe to in order to receive automated event-triggered updates.
48278	Service to poll for 'Transaction Processed' subscription notification filters (web-hooks).
48282	Service to poll for 'Account Approved' subscription notification filters (web-hooks).
48284	Service to poll for 'Beneficiary Approved' subscription notification filters (web-hooks).

## 4.2. 48138 - Trading Countries

A new field called 'TradingCountries' has been added to AFEX's Partner API 'On-board Corporate Client' method (POST api/v1/corporateClient). This new field array will allow AFEX's partners to pass a list of 2-digit ISO country codes in which the on-boarded client account will be transacting.

### Example:

The example below shows the new 'TradingCountries' field for the api/v1/corporateClient method.

EXAMPLE REQUEST

POST `{{PartnerAPI.Endpoint}}api/v1/corporateClient`

Params Headers (3) Body ●

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL BETA JSON ▼ Beautify

```

1 {
2   "AccountPrimaryIdentificationExpirationDate": "09/19/2050",
3   "AccountPrimaryIdentificationIssueDate": "09/19/2010",
4   "AccountPrimaryIdentificationNumber": "49876523",
5   "AccountPrimaryIdentificationType": "BusinessRegistrationNumber",
6   "BusinessAddress1": "10 Example Street",
7   "BusinessCity": "London",
8   "BusinessCountryCode": "GB",
9   "BusinessName": "Example Business Name",
10  "BusinessZip": "WC2N",
11  "CompanyType": "Private Limited Company",
12  "ContactBusinessPhone": "02071234567",
13  "DateOfIncorporation": "09/19/2010",
14  "FirstName": "Example First Name",
15  "Gender": "Male",
16  "LastName": "Example Last Name",
17  "PrimaryEmailAddress": "example@noreply.com",
18  "TermsAndConditions": "TRUE",
19  "TradingCountries": ["GB", "US", "AU"],
20  "Website": "www.examplesite.com"
21 }
    
```

New TradingCountries field array

EXAMPLE RESPONSE

Body Headers (9) Status 201 Created

Pretty Raw Preview JSON ▼

```

1 {
2   "APIKey": "000*****-b8da-e911-9e8a-0050569b0044",
3   "AccountNumber": "0000*****",
4   "Message": "Created"
5 }
    
```



### 4.3. 48143 – Add Company Officer

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AFEX’s Partner API now has a brand-new method called ‘Add Company Officer’ (POST `api/v1/addCompanyOfficer`). This method will allow AFEX’s partners to add company Director and Beneficial Owner information for onboarded clients.

The request fields for the new ‘Add Company Officer’ API method include:

<b>Parameter</b>	<b>Description</b>	<b>Required</b>
ApiKey	The API Key corresponding to the account to which you are adding the company officer details.	TRUE
Name	The First and Last name of the company officer	TRUE
PercentOwnership	The percent (%) ownership the company officer has in the corporation. Only required for greater than 20%.	TRUE
Director	Identify whether the company officer is a Director {True} or not {False}	TRUE
DateOfBirth	DOB of company officer.	FALSE
Address1	Address of company officer.	FALSE
City	City of company officer.	FALSE
CountryCode	ISO country code of company officer.	FALSE
StateRegion	State/Region of company officer.	FALSE
Zip	Zip/Post Code of company officer.	FALSE

**Example:**

The example below shows a company officer being added to a client API account using the new Partner API 'Add Company Officer' method (POST api/v1/addCompanyOfficer).

The screenshot displays an API client interface with two main sections: 'EXAMPLE REQUEST' and 'EXAMPLE RESPONSE'.

**EXAMPLE REQUEST:**

- Method: POST
- URL: `{{PartnerAPI.Endpoint}}api/v1/addCompanyOfficer` (highlighted with a box and labeled 'New Partner API method api/v1/addCompanyOfficer')
- Body (raw):

```
1 {  
2   "ApiKey": "00001*****-b8da-e911-9e8a-0050569b0044",  
3   "Name": "Joe Bloggs",  
4   "PercentOwnership": "50",  
5   "Director": "true",  
6   "DateOfBirth": "04/15/2019",  
7   "Address1": "1234 Example Street",  
8   "City": "London",  
9   "CountryCode": "GB",  
10  "StateRegion": "LND",  
11  "Zip": "WC2N 123"  
12 }
```

**EXAMPLE RESPONSE:**

- Status: 201 Created
- Body (Pretty):

```
1 "Company officer added to account."
```

 (highlighted in yellow and labeled 'Company Officer added response')

### 4.4. 47463 – Direct Debit Enrollment

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Further additions to the Partner API functionality include a new API method for ‘Direct Debit Enrollment’ (POST api/v1/DirectDebitEnroll). This addition will allow partners to enroll a Direct Debit account for trade and payment settlement directly through the API, as opposed to submitting paperwork to AFEX manually.

The request fields for the new ‘Direct Debit Enrollment’ API method include:

<b>Parameter</b>	<b>Description</b>	<b>Required</b>
ApiKey	ApiKey of the account which you would like the direct debit account enrolled	TRUE
AccountOwnerFirstName	The first name on the account being enrolled in direct debit.	TRUE
AccountOwnerLastName	The last name on the account being enrolled in direct debit.	TRUE
BankName	Name of the bank which holds the direct debit account.	TRUE
AccountNumber	Account number of the direct debit account.	TRUE
BankRoutingCode	Routing Code/Sort Code of the bank which holds the direct debit account.	TRUE
Currency	3-digit ISO currency code for the account being enrolled in direct debit.	TRUE
BankDetailsVerified	Some partners utilize third party services to validate the account details prior to transmitting to AFEX. In the event the account was verified {True} the account will be immediately set up for use. If the account has not be verified {False} the details will follow a standard verification processing using micro-deposits.	TRUE



**Example:**

The example below shows a client Direct Debit account request being submitted to AFEX using the new Partner API 'Direct Debit Enroll' method (POST api/v1/DirectDebitEnroll).

**EXAMPLE REQUEST**

POST `{{PartnerAPI.Endpoint}}api/v1/DirectDebitEnroll`


Params Headers (3) **Body**

none form-data x-www-form-urlencoded **raw** binary GraphQL BETA JSON Beautify

```
1 {
2   "ApiKey": "0000*****-b8da-e911-9e8a-0050569b0044",
3   "AccountOwnerFirstName": "Example First Name",
4   "AccountOwnerLastName": "Example Last Name",
5   "BankName": "Barclays",
6   "AccountNumber": "12345678",
7   "BankRoutingCode": "1234",
8   "Currency": "GBP",
9   "BankDetailsVerified": "true"
10 }
```

**EXAMPLE RESPONSE**

Body Headers (9) Status 201 Created

Pretty Raw Preview JSON 

1 "This account is submitted to enroll in Direct Debit."

**Annotations:**

- New Partner API method api/v1/DirectDebitEnroll
- Direct Debit Enrollment request submitted

## 4.5. 47465 – Direct Debit Un-Enrollment

Alongside the new Partner API ‘Direct Debit Enrolment’ method detailed in the previous section, a ‘Direct Debit Un-Enrollment’ method has also been added (POST api/v1/DirectDebitUnenroll). This new method allows a partner to Un-Enroll an existing Direct Debit account that was submitted to AFEX.

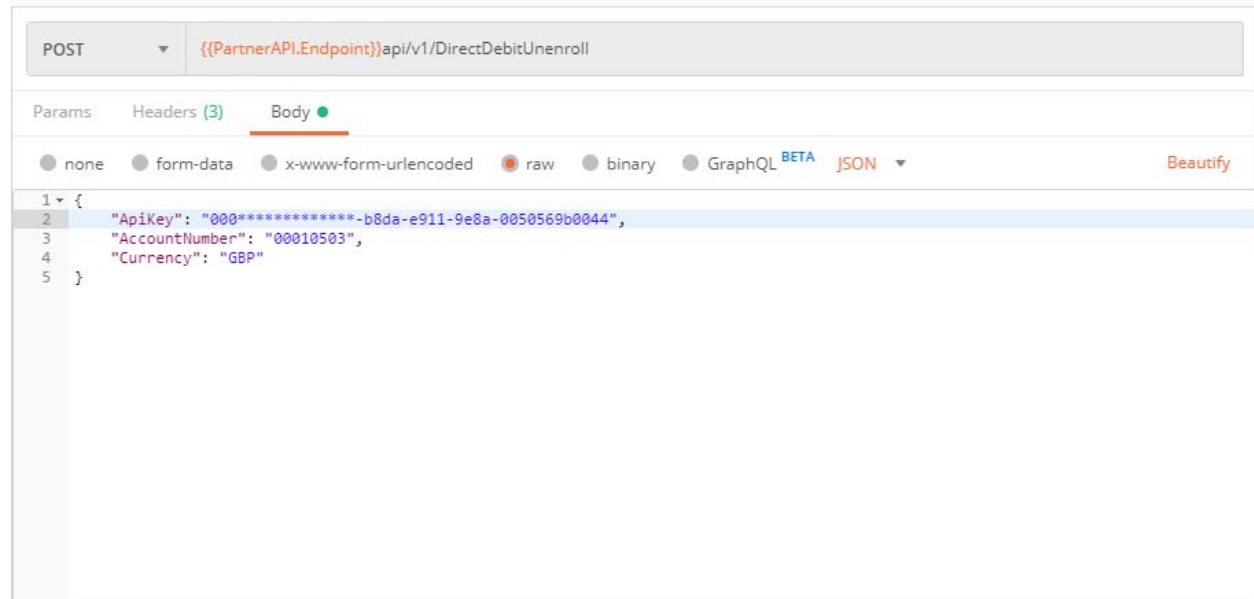
The request fields for the new ‘Direct Debit Un-Enrollment’ API method include:

Parameter	Description	Required
ApiKey	ApiKey of the account which you would like to un-enroll from direct debit.	TRUE
AccountNumber	Account number of the direct debit account. This must correspond to an already enrolled account number.	TRUE
Currency	3-digit ISO currency code for the account being un-enrolled in direct debit.	TRUE

### Example:

The example below shows a client Direct Debit account request being submitted to AFEX using the new Partner API ‘Direct Debit Un-Enroll’ method (POST api/v1/DirectDebitUnenroll).

EXAMPLE REQUEST



```

POST {{PartnerAPI.Endpoint}}api/v1/DirectDebitUnenroll

{
  "ApiKey": "000*****-b8da-e911-9e8a-0050569b0044",
  "AccountNumber": "00010503",
  "Currency": "GBP"
}
    
```

EXAMPLE RESPONSE



```

201 Created

This account is submitted to unenroll in Direct Debit.
    
```

## 4.6. 45318 – API Outbound Notifications (Web-Hooks)

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As part of AFEX's continuous enhancement of its API offering, this latest release includes the introduction of API outbound notifications (Web-Hooks). This enhancement will allow AFEX to send partners and clients notifications via the API for triggered events, specifically status changes.

Partners can subscribe to the three different notification filters listed below in which they will receive an outbound notification to alert them of any status changes. A new 'WebHook Notification Filters' method has been added to the Partner API which will return all of AFEX's current notification types.

- 1) Account Status Notifications
- 2) Beneficiary Status Notifications
- 3) Transaction Status Notifications – Available soon: currently in BETA ONLY

Each service will poll every 5 minutes to see whether a change has been applied to the selected notification filter criteria such as a client account being approved; a beneficiary being approved; or if a transaction has been processed. The partner can provide their own endpoint in which these outbound notifications would be sent to.

**Example:**

The example below shows all the currently available outbound notification types a partner or client can subscribe to as returned by the new 'WebHook Notification Filter' method (GET `api/v1/WebHooks/NotificationFilters`).

**EXAMPLE REQUEST**

GET `{{PartnerAPI.Endpoint}}api/v1/WebHooks/NotificationFilters`

**Headers (3)**

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> API-Key	<code>{{API-Key}}</code>	
<input checked="" type="checkbox"/> Content-Type	application/json	
<input checked="" type="checkbox"/> Authorization	bearer [token]	
Key	Value	Description

**EXAMPLE RESPONSE**

Body Headers (9) Status 200 OK

Pretty Raw Preview JSON

```

1 [
2   {
3     "NotificationFilter": "AccountApproved",
4     "Description": "Account Approved"
5   },
6   {
7     "NotificationFilter": "TransactionProcessed",
8     "Description": "Transaction Processed"
9   },
10  {
11   "NotificationFilter": "BeneficiaryApproved",
12   "Description": "Beneficiary Approved"
13  }
14 ]
    
```

The three notification filters a partner/client can subscribe to