API v1

REFERENCE GUIDE

Incassoservicedesk TRIVION | EIKENDREEF 4, 2350 VOSSELAAR

Change Log		
2020-01-27	Initial version	
2020-01-29	Get-Token Header changed	
2020-02-10	Submit-Payment added	
2020-03-15	Extend Submit-Invoice with payments	
	Extend response with status and debtor info	
	Get-Feedback added	
2020-03-16	Add password in Request body as mandatory	
2020-03-24	Get-Statuscodes added	
	Response with HTTP response code	
2020-03-27	Update Get-Statuscodes	
2021-10-07	Submit-Remark	
	Update Submit-Invoice with Remarks	
2023-09-01	Update Submit-Invoice: custtype and filetype	
2024-02-17	Add type to Payments in Submit-Invoice and Submit-Payment	
2025-03-29	Add payoutref to Submit-Invoice	

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1. Environments

There are 2 environments available for the api and the application.

LIVE: https://ims.trivion.be

		🔒 ims.trivion.be	Ċ	1 0 ₊
	DOSSIERS			
	Welkom DEMO			Algemeen->Dossiers 🕀 🖨
TROVOON				
NL - FR - EN	dossier nr van	tot dossier nr		
ALGEMEEN	Referentie	Toestandscode		
RAPPORTEN	debiteur	Factuur		
	bedrag \$ gelijk \$			
	Toon eveneens afgesloten dossiers	ZOEKOPDRACHT UITVOEREN		

TEST: https://ims-dev.trivion.be

		🔒 ims-dev.trivion.be	Ċ	1 Ø +
RB	DOSSIERS			
i Cintra	Welkom DEMO			Algemeen->Dossiers 🕀 🔒
NL - FR - EN Database Date 20191012	dossier nr van	tot dossier nr		
ALGEMEEN	Referentie	Toestandscode		
RAPPORTEN	debiteur	Factuur		
	bedrag	ZOEKOPDRACHT UITVOEREN		

In this document you will find the word {ENVIRONMENT}. This placeholder needs to be replaced with the right environment at the time of using. So, when you are testing your interface with our application you need to use TEST. And when everything is working fine and you've got a GO from our side, you need to use the LIVE.

2. get-token

A token is necessary to get access to the api of ims.trivion.be. To get a token you first need to request a client_id and a client_secret by sending a mail to <u>it@incassoservicedesk.be</u>.

These client_id and client_secret are strict confident and can only be used by 1 application. So do not share it.

To get a token you need to make a POST request.

Method	POST
Url	{ENVIRONMENT}/api/get-token

With the following fields in the header.

client-id	{client-id}
client-secret	{client-secret}
scope	One or more scopes separated by comma.
	Depending by the next request(s).
grant-type	client_credentials

Postman Sample

POST	Ŧ	https://	ims-dev.trivion.be	/api/get-tok	en			Send	•	Save	*
Params	Authori	zation	Headers (4)	Body	Pre-request Script Tests	Settings			Co	okies	Code
▼ Head	lers (4)										
KEY					VALUE		DESCRIPTION	••• Bu	lk Edit	Preset	:s 🔻
🖌 clie	nt-id				5e3132449836a						
🖌 clie	nt-secret				c6389442313e5						
🔽 sco	pe				invoice						
🖌 gra	nt-type				client_credentials						

The success result will be a JSON response like this.

```
"status": 200,
"code": "OK",
"data": {
    "token_type": "Bearer",
    "expires_in": 3600,
```

"access_token": "fltMuasrmnqaZFD7YIIOZn1SNWszN3WwpH4jwMAKSSQlHUnktt0kCaItzbJsbrv9tgEE2Hf2nXE97 50ToCEfaRaKFU4a9geMgzlfJt9BDU8gFtLaeIax3ukgW01pPJHlbKDwhSsoCotFKK7kGw0TSsWY0HEV104c24UFS8prdKoNFC6LdkY JUSE03CDEzUCcg3SuwsnmyBpoEu4zkQtDnUZ344HwdV0f1NHv6KGcDvynji2goVE6Md6Eb3PH057pK5IqYAsYqmFgvdDlh39Y58TnA W2ixE8R2qA2UMUQRshMryHTMJT0odMZcf65rj6KBZK5NvsVbQpNfIiZZKVXSuorG8iQ7HadZR89bsWHpzMbeAmduumMBV9DKQc10fU eE6R9Tcgc1lSAV7Sp00bIhukiDCyQeuGPD0TF4v0o4SU6nI12T10kw6q8NNLTmzWJ0ILaQdAPvJrd4QTN6TpVfM0Fo4QspaNsD8o6m UxB3jVs7PVxfRjJ5JD4iGubky2LxyFWPyQX3gHA7FU1xrVXURz8dDnIUXGvtxxpyi431c3UMr5Ia6NEkQUrZu0DBiEM77Rtx0jwsyn myJmgX9vyiNrU3ZOqnb8AKsZx00wkjWMidLukIVw35tqBrAfKgf6XBxCpe7Ydfc6Jq3EpdY7C1JfUWZ7N6mkyP2Vy14fnx4qL76piq QTQwnoVUshEZaYDZ1Hn186qaRqfd7szFVW1H1RMkFqxWFvbulJNzfgjJD8zriauryEPCF4oWwQrXnr4xRt2vUDqrCxPBDeWx3iQgyi wymK0qNtjh1ZSsCYVFfSfiQ0i24nItYSfrX6mX0h00adPctQASZajct38myJJ7Zv2WrsgEvBcSV0AQnr2cpS0QvoHjlukAwYKbrm9i IzPnj7qGZzC0IaaqT0kZQXdEq6gY000H9c72gyG6nBMbIDMBNtxSLIKsyiIeKJ5peo0JHA9v0PYR09pD1SCBi91c9NXFI03blX1Hau cPJmj"

}

}

{

In the data part you will get the following values

token_type	The type of the token
expires_in	Every token is only valid for 3600 seconds
access_token	This is unique text token of 1000 characters
	and needs to be used for all the other
	request.

```
{
    "status": 400,
    "code": "NOK",
    "error": "Json Request: Client Id and Client Secret not valid."
}
```

3. submit-invoice

To get invoices in our system, you can send them through the "submit-invoice" method of our api. This is done invoice by invoice. But within our system we can decide whether we create a file per invoice or per debtor.

This method will only create a file once, and if you sent it multiple times it will only check and update the payments.

You will always get the same response.

Instead of passing a username and password you need to add a token as an Authorization key in the header of your request. The token must be generated with 'invoice' included in the scope. Otherwise you cannot access this method.

To send an invoice to our api you need to make a POST request.

Method	POST
Url	{ENVIRONMENT}/api/submit-invoice

With the following fields in the header.

Authorization	{token_type} {access_token}
Content-Type	application/json

And in the body you need to add all your data.

username	This will be sent to your customer. They can
	use it to login on our website. (mandatory)
password	This will be sent to your customer. They can
-	use it to login on our website. (mandatory)
name	The name of your customer (mandatory)
vatno	VAT Registration No
address	Address of you customer (mandatory)
country	ISO country code
zip	Zip code
city	City name
birthday	Day of birth (Optional)
email	
phone	
mobile	
lang	Language code
remarks	
custno	Your internal no of your customer.
	(mandatory)
custtype	Classification of your customer. Values:
	B2C, B2B or B2G (Optional)
	When not provided the system will use the
	vatno as an indicator. When vatno is empty
	= B2C otherwise B2B.

payoutref	A reference can be added. The will be used
F = J = = = = =	when your account is setup to payout "Per
	file" instead of "Per period" (Optional)
invoiceno	Your invoice no (mandatory). This can only
	be sent once.
date	Invoice Date (mandatory)
duedate	Due date of your invoice (mandatory)
amount	Initial Amount including VAT (mandatory)
outstanding	Outstanding Amount (mandatory). This will be used for the file.
payments	An Array of payments can be added. Full
	payments or partial. Every payment will be
	checked everytime and updated or created.
type	Optional: Indication of the type of payment.
	Values: payment, creditnote. Default:
	payment when not provided
paymentref	Internal reference for payment. This must be
	unique per invoiceno
date	Date of your payment
amount	Total amount paid
files	An Array of files can be added in Base64
	string. For example, your invoice and
	reminder document. One file must contain a
	filename and the filebase64 string
filename	The name of your document
filetype	Indication of the type of your document.
	Values: invoice, reminder, other. Default:
filebose(4	invoice Base64 value of your document
filebase64	Base64 value of your document

Postman Sample

POST	Г 	https://ii	ms-dev.trivio	n.be/api	/submit-i	invoice				Sei	nd 🔻	Save
aram	ns Authori	zation	Headers (2) в	ody 🔵	Pre-request Script	Tests	Settings				Cookies Co
▼ He	eaders (2)											
P	KEY					VALUE			DESCRIPTION		Bulk Edit	Presets
~	Authorization					Bearer OoY5KW6aO	JQOK9yJiCsE	UQfaxBK5tsgcjr9w.				
	Content-Type					application/json						
DST	▼ https:/	/ims-dev.triv	ion.be/api/submit	-invoice							Send	- Save
ams	Authorization	Headers	(2) Body •	Pre-re	quest Script	ot Tests Settings						Cookies (
none	e 🔵 form-data	• x-www-f	form-urlencoded	• raw	binary	ry GraphQL JSON 🔻						Beau
* *	"date" "amoun }, { "payme "date"	VF19/123465 01-01", 20-01-01", , 1000,	DA1", 01", DA2",									
•	}], "files": [{ "filen	ame":"invoi	ce.pdf",									
	+P +D /v /v	g0KZW5kb2Jq Qp1bmRvYmoN 8ATQBpAGMAc 8ATQBpAGMAc	DQoyIDAgb2JqDQc CjMgMCBvYmoNCjv gBvAHMAbwBmAHQ4 gBvAHMAbwBmAHQ4	8PC9UeXB1 8L0F1dGhv IngAgAEUAe IngAgAEUAe	L1BhZ2VzL0 cihMZW8gR0 ABjAGUAbA0 ABjAGUAbA0	<pre>i8PC9UeX81L0NhdGFsb2cvUGFn .0NvdW50IDEvS21kc1sgNCAwIF ICdIZXUpIC9DcmVhdG1vbkRhdG ICuACAAMgAwADEANikgD6NyZWF ICuACAAMgAwADEANikgPj4NCNV IGU8PC9HUzggOCAwIFIvR1M5ID</pre>	JdID4 UoRDoyMDE5MTEv 0b3Io uZG9iag0KNCAwJ	NDExMDYzMCswMScwMCcpIC G9iag0KPDwvVH1wZS9QYWc	OND2REYXR1KEQ6MjAxOTE	<pre>cMDQxMTA2MzAr ZXNvdXJjZXM8F</pre>	MDEnMDAnKSAvUH	JvZHVjZXIo

The success result will be a JSON response like this.

```
{
    "status": 200,
    "code": "OK",
    "data": {
       "invoiceno": "K123456",
        "filenr": "102000134",
        "filedate": "2020-03-14",
        "statuscode": "NEW",
        "statusdescription": "Nieuw dossier - Nouveau dossier",
        "statusdate": "2020-03-14",
        "debtor": {
           "name": "Trivion",
            "vatnr": "",
            "address": "",
            "zip_code": "",
            "city": "",
            "country_code": "BE",
            "telephone": "",
            "gsm": "",
            "e mail": ""
       }
   }
}
```

```
{
    "status": 401,
    "code": "NOK",
    "error": "outstanding is missing."
}
```

4. submit-payment

Payments can also be sent to our system. This can be done by using the "submit-payment" method of our api. The payment will be added to your file.

Instead of passing a username and password you need to add a token as an Authorization key in the header of your request. The token must be generated with 'payment' included in the scope. Otherwise you cannot access this method.

To send an invoice to our api you need to make a POST request.

Method	POST
Url	{ENVIRONMENT}/api/submit-payment

With the following fields in the header.

Authorization	{token_type} {access_token}
Content-Type	application/json

And in the body you need to add all your data.

username	This will be sent to your customer. They can		
	use it to login on our website. (mandatory)		
password	This will be sent to your customer. They can		
	use it to login on our website. (mandatory)		
custno	Your internal no of your customer.		
	(mandatory)		
type	Optional: Indication of the type of payment.		
	Values: payment, creditnote. Default:		
	payment when not provided		
paymentref	Your payment reference (mandatory).		
invoiceno	Your invoice no (mandatory).		
date	Invoice Date (mandatory)		
amount	Total payment amount (mandatory)		

Postman Sample

POST • https://ims-dev.trivion.be/api/submit-in	ivoice	Send - Save -
Params Authorization Headers (2) Body	Pre-request Script Tests Settings	Cookies Co
 Headers (2) 		
KEY	VALUE	DESCRIPTION ••• Bulk Edit Presets
Authorization	Bearer OoY5KW6aOJQOK9yJiCsBUQfaxBK5tsgcjr9w	
Content-Type	application/json	
DST	Tests Settings	Send • Save
none form-data x-www-form-urlencoded raw binary	● GraphQL JSON ▼	Beau
<pre>"username": "LINDAVAREL", "assinoe": "Ku12446", "custno": "Ku12446", "paymetref": "COAL123", "invoiceno": "V130/123445", "date": "2220-01-01", "asount": 1000</pre>		

```
{
    "status": 200,
    "code": "OK",
}
```

```
{
    "status": 401,
    "code": "NOK",
    "error": "FILE DOES NOT EXISTS FOR INVOICE VF19/123466"
}
```

5. get-feedback

If you would like to get only feedback of a certain invoice, you can use the "get-feedback" method of our api.

Instead of passing a username and password you need to add a token as an Authorization key in the header of your request. The token must be generated with 'feedback' included in the scope. Otherwise you cannot access this method.

To send an invoice to our api you need to make a POST request.

Method	POST
Url	{ENVIRONMENT}/api/get-feedback

With the following fields in the header.

Authorization	{token_type} {access_token}		
Content-Type	application/json		

And in the body you need to add all your data.

username	This will be sent to your customer. They can
	use it to login on our website. (mandatory)
password	This will be sent to your customer. They can
	use it to login on our website. (mandatory)
invoiceno	Your invoice no (mandatory).

Postman Sample

PC	ost 👻	https://ims-dev.trivion.be	/api/submit-	invoice		Send 🔫	Save 🔻
Para	ams Author	rization Headers (2)	Body 🔵	Pre-request Script Tests Settings			Cookies Code
*	Headers (2)						
	KEY			VALUE	DESCRIPTION	••• Bulk Ed	it Presets 💌
Authorization				Bearer OoY5KW6aOJQOK9yJiCsBUQfaxBK5tsgcjr9w			
~	Content-Type			application/json			
POST	r v https	://ims-dev.trivion.be/api/get-feedbacl	k			Send	▼ Save ▼
Paran	Params Authorization Headers (2) Body Pre-request Script Tests Settings Cookies Code						
	🔍 none 🌑 form-data 🔍 x-www-form-urlencoded 🔿 raw 🔍 binary 🔍 GraphQL JSON 🔻 Beautify						
1	<pre>v { "username": "LINDAVAREL", "password": "xxx", "invoiceno": "VF19/123465" b</pre>						

```
{
    "status": 200,
    "code": "OK",
    "data": {
       "invoiceno": "K123456",
        "filenr": "102000133",
        "filedate": "2020-02-12",
        "statuscode": "CLOSED",
        "statusdescription": "Gesloten dossier",
        "statusdate": "2020-02-12",
        "debtor": {
           "name": "Trivion",
            "vatnr": "",
            "address": "",
            "zip code": "",
            "city": "",
            "country_code": "BE",
            "telephone": "",
            -
"gsm": "",
            "e_mail": ""
        }
    }
}
```

```
{
    "status": 401,
    "code": "NOK",
    "error": "FILE DOES NOT EXISTS FOR INVOICE VF19/123466"
}
```

6. get-statuscodes

In the submit-invoice and get-feedback the system returns a "statuscode". To get the full list of all the active statuscodes you can call the "get-statuscodes" method of our api.

Instead of passing a username and password you need to add a token as an Authorization key in the header of your request. The token can be generated with all of the available scopes, but at least one. Otherwise you cannot access this method.

To send an invoice to our api you need to make a POST request.

Method	POST
Url	{ENVIRONMENT}/api/get-statuscodes

With the following fields in the header.

Authorization	{token_type} {access_token}
Content-Type	application/json

And in the body you need to add all your data.

language	Language code. NL = Dutch, FR = French,
	EN = English (Optional)

Postman Sample

3 }

	prization Headers (2) Body	Pre-request Script Tests Settings			Cookies Cod
 Headers (2) 					
KEY		VALUE	DESCRIPTION	••• Bulk Edit	Presets 💌
Authorization		Bearer {{authtoken}}			
Content-Type	e	application/json			
OST *	https://ims-dev.trivion.be/api/get-state	iscodes		Send	Save
		D			Cookies
irams Author	rization Headers (10) Body •	Pre-request Script Tests Settings			coonica

"status": 200, "code": "OK", "data": ["code": "AANG SCHULDVORDERING",
"description": "Aangifte schuldvordering" }, "code": "ADRES", "description": "Adres aanvraag" }, "code": "ADRES HER", "description": "Adresaanvraag herinnering" }, { "code": "ADV1", "description": "Dossier bij advocaat" }, { "code": "AFBETALINGSOVEREENKO",
"description": "AFBETALINGSOVEREENKOMST" }, { "code": "AGENDA",
"description": "Dossier te bekijken" }, { "code": "AGENT", "description": "via agent" }, { "code": "BETAALBELOFTE", "description": "Betaalbelofte" }, { "code": "BETAALPLAN",
"description": "Betaalplan overeengeko }, "code": "BEV DAGV", "description": "Bevestig dagvaarding" }, "code": "BEZOEK", "description": "bezoek" }, "code": "BEZOEKVERSLAG",
"description": "Bezoekverslag" }, { "code": "BEZOEKVERSLAG AANM", "description": "Bezoekersverslag aanmaken" }, { "code": "BRF1", "description": "Eerste aanmaning" }, { "code": "BRF1 ZONDER KOSTEN", "description": "Brief1 zonder kosten" }, { "code": "BRF2",
"description": "Tweede aanmaning" }, { "code": "BRF3",
"description": "Derde aanmaning" }, { "code": "BRIEF", "description": "BRIEF AAN DEBITEUR" }, { "code": "BUITENLAND", "description": "Buitenland" }, { "code": "BZKVERSLAG GEKOPPELD",
"description": "Bezoekverslag gekoppeld" }, { "code": "CLOSED", "description": "Gesloten dossier" }, { "code": "DAGV VOORSTEL",
"description": "Voorstel tot dagvaarding" }, { "code": "DISPUUT", "description": "Dispuut" }, "code": "DW", "description": "Doorgeven aan deurwaarder" }, "code": "DW2", "description": "Bij deurwaarder" }, "code": "E-MAIL", "description": "e-mail" }, "code": "EXPLOIT", "description": "Exploit toegevoegd" }, "code": "HUISBEZOEK",
"description": "huisbezoek" }, "code": "HUISBEZOEK_UITGV", "description": "Huisbezoek uitgevoerd" }.

```
{
             "code": "KLACHT_CONSUMENTENB",
"description": "Klacht consumentenbond"
       },
             "code": "KLACHT ECC",
"description": "Klacht ECC"
       },
             "code": "KLACHT_TESTAANKOOP",
"description": "Klacht Testaankoop"
       },
             "code": "LAATSTE AANMANING",
"description": "ALLERLAATSTE INGEBREKESTELLING AANGET./ONTVANGKAART"
       },
{
             "code": "NEW",
"description": "Nieuw dossier - Nouveau dossier"
       },
{
             "code": "NEW TOCHECK",
"description": "The credit info that was found needs to be looked at."
       },
{
             "code": "PAUZE",
"description": "Afwachtend op antwoord"
       },
{
             "code": "REOPEN",
"description": "Factuur opnieuw betaalbaar"
       },
{
             "code": "RINGRING SMS LIST",
"description": "Ringring sms lijst"
       },
{
             "code": "RINGRING_TEL_LIST",
"description": "Ringring telefoon lijst"
       },
{
             "code": "SCHULDBEKENTENIS",
"description": "Schuldbekentenis"
       },
{
             "code": "TEL.CONTACT",
"description": "Telefonisch contact"
       },
             "code": "TEL1",
"description": "Telefonische actie"
       },
{
             "code": "TEL1_DONE",
"description": "A phone call was logged."
       },
{
             "code": "TEL2",
"description": "Telefonische actie 2"
       },
             "code": "TEL TTS",
"description": "Telephone text to speech"
       },
             "code": "VONNIS",
"description": "Vonnis bekomen"
       }
]
```

A failure response will look like this.

```
{
   "status": 400,
   "code": "NOK",
   "error": "INVALID TOKEN"
}
```

}

7. submit-remark

Remarks can also be sent to our system. This can be done by using the "submit-remark" method of our api. The remark will be added to your file.

Instead of passing a username and password you need to add a token as an Authorization key in the header of your request. The token must be generated with 'remark included in the scope. Otherwise you cannot access this method.

To send an invoice to our api you need to make a POST request.

Method	POST
Url	{ENVIRONMENT}/api/submit-remark

With the following fields in the header.

Authorization	{token_type} {access_token}
Content-Type	application/json

And in the body you need to add all your data.

username	This will be sent to your customer. They can
	use it to login on our website. (mandatory)
password	This will be sent to your customer. They can
	use it to login on our website. (mandatory)
custno	Your internal no of your customer.
	(mandatory)
invoiceno	Your invoice no (mandatory). This can only
	be sent once.
date	Remark Date (mandatory).
remark	This can be a multiline text with \n as line
	delimiter. (mandatory)

Postman Sample

POS	T v https://ims-dev.trivion.be/api/submit-remark					Send			
Paran Head			y • Pre-re	equest Script Tests Settings				Cookie	
	KEY		1	ALUE	DESCRIPTION	000	Bulk Edit	Presets	
~	Authorizatio	n	E	Bearer {{authtoken}}					
	Content-Type		18	application/json					
\checkmark	Key								

```
Send
POST
           v https://ims-dev.trivion.be/api/submit-remark
Params Authorization Headers (11) Body • Pre-request Script Tests Settings
                                                                                                                                                                  Cookies
none form-data x-www-form-urlencoded raw binary GraphQL JSON v
                                                                                                                                                                 Beautify
    1
         Phys.
            "username": "LINDAVAREL",
"password": "xxx",-
"custno": "K123456",
"invoiceno": "VF19/123465",
"remark": "Dit is \n-een-test"
   2
   3
   4
   5
    6
    7
```

```
"status": 200,
"code": "OK",
```

{

}

```
{
    "status": 401,
    "code": "NOK",
    "error": "FILE DOES NOT EXISTS FOR INVOICE VF19/123466"
}
```