

<i>Author</i>	<i>Pasquale Cavone</i>	<i>Date Created</i> 27/07/2020
<i>Client</i>	<i>Internal</i>	<i>Date Edited</i> 02/03/2026
<i>Document</i>	<i>Web Service Easy Tracking</i>	<i>Version</i> 15.0
<i>Reviewer</i>	<i>Leonardo Scardamaglio</i>	

Sommario

1	Document version	1
2	Introduction.....	4
3	Route deprecation plan.....	5
4	Authentication.....	6
5	Sending electronic invoice	7
6	Sending electronic invoice conservation only	8
7	Sending electronic invoice and notification conservation only.....	9
8	Sending electronic invoice to national system	10
9	Reading the status of an electronic invoice.....	11
10	List of new notifications	13
11	Booking notification downloads	16
12	Downloading notifications	18
13	Mark notifications as taken	20
14	List of active and third-party invoices	21
15	Booking the download of active invoices and third-party invoices with document id.....	24
16	Booking the download active invoices and third-party invoices with progressive sending..	26
17	Downloading active invoices and third-party invoices	28
18	Set phase 1 with document id.....	30
19	Clear phase 1 with document id	31
20	Set phase 2 with document id.....	32

21	Clear phase 2 with document id	33
22	Set phase 1 with progressive sending	34
23	Clear phase 1 with progressive sending	35
24	Set phase 2 with progressive sending	36
25	Clear phase 2 with progressive sending	37
26	Download document foreign nation	38
27	Examples of responses to the status of an electronic invoice	39
	27.1OI Notification with SDI rejection receipt	40
	27.2OI Notification with SDI Delivery receipt	41
	27.3SI Notification.....	43
28	Message type description	44
29	Esito committente description	45
30	Country channel description	46
31	Notes about invoice for Germany	47

1 Document version

Version	Date	Description
3.0	20/01/2023	<ul style="list-style-type: none"> -Added to the documentation the Authentication method to obtain the token. -New route v2. -In ActiveInvoices, status code 409 has been added. Using route v2, the progressive sending will be saved and displayed in the tracking. -InvoiceNotifications also returns intermediary notifications.
3.1	20/03/2023	<ul style="list-style-type: none"> -Improved Notes in InvoiceNotifications -Added examples of responses to the status of an electronic invoice
4.0	11/05/2023	<ul style="list-style-type: none"> -New route v3. -In ActiveInvoices, the 409 has been removed, so it is now possible to upload an invoice with the same IdTrasmittente/IdCodice to which a new 3progressivoInvio will be returned. Added 403 response. -Added new-active-notifications method to get the list of new notifications. -Added active-invoices method to get the list of active invoices and third-party invoices. -Added jobs methods for booking and downloading notifications, active invoices and third-party invoices. -Added set-notifications-as-got method to mark notifications as already taken. -New methods: set-fase-1, clear-fase-1, set-fase-2 and clear-fase-2.

4.1	18/05/2023	-Used the camelCase convention for resource names. -Minor corrections to the document.
4.2	26/05/2023	-Fixed URL in the document for downloading active invoices and third-party invoices, from InvoiceNotifications/active/jobs/{jobId} to DownloadInvoices/active/jobs/{jobId}
5.0	23/06/2023	-New route v4. -Used <route> in call description. -No changes from v3.
6.0	22/11/2023	-New route v5. -No changes from v4.
7.0	03/01/2024	-New route v6. -In new-active-notifications and InvoiceNotifications/jobs/{jobId} added tipoMessaggio, esitoCommittente e sdild.
8.0	01/02/2024	-New route v7. -In new-active-notifications and InvoiceNotifications/jobs/{jobId} added dataOraRicezioneSdi.
9.0	12/03/2024	-New route v8. -New method ActiveInvoices/fattura-solo-conservazione.
10.0	04/06/2024	-New route v9. -In active-invoices added progressivoAnnualeCaricamento and countryChannel. -Added invoice-national-system method to send invoice to national system.
11.0	13/01/2025	-New route v10. -Improve performance method new-active-notifications.
12.0	22/04/2025	-New route v11.

		<ul style="list-style-type: none"> -New method ActiveInvoices/fattura-notifica-solo-conservazione. -In DownloadInvoices/active-invoices added field includeInvoiceConservationOnly in query string. -In invoice-national-system allowed to send invoice to Germany national system, added Germany in Country channel description paragraph.
13.0	08/09/2025	<ul style="list-style-type: none"> -New route v12. -No changes from v11. -Added route deprecation plan.
14.0	10/01/2025	<ul style="list-style-type: none"> -New route v13. -In invoice-national-system allowed to send invoice to Belgium national system, added Belgium in Country channel description paragraph. -In new-active-notifications retention information is added about new available notifications.
15.0	02/03/2026	<ul style="list-style-type: none"> -New route v14. -In invoice-national-system allowed to send invoice to Poland national system, added Poland in Country channel description paragraph. -New method ActiveInvoices/document/{progressivoInvio}/{type}

2 Introduction

! **IMPORTANT:** Before using the Web Service calls, contact assistance for the environment configuration.

The Web Service Easy Tracking exposes an interface for sending electronic invoices to the SDI, downloading intermediary and SDI notifications, and downloading invoices sent to the SDI.

Exposed calls:

- Sending Electronic Invoice.
- Reading the status of an electronic invoice.
- List of the new notifications (intermediary and SDI).
- Booking (job) for downloading notifications, where n ranges from 1 to 100.
- Download of notifications contained within a job.
- Booking (job) for downloading active invoices and third-party invoices, where n ranges from 1 to 100.
- Download of invoices contained within a job.

“Third-party invoices” refers to invoices issued with the “SoggettoEmittente” field set to “CC”.

Authentication of the calls: Calls must be authenticated according to the OAuth standard through the request of a JWT token and its inclusion as a Bearer token in the header of all calls.

Definition of constants:

The <baseUrl> varies depending on the environments:

VarHub NG production (Empoli) = <https://servizi.varhub.it>

VarHub NG staging (Empoli) = <https://servizitest.varhub.it>

Ditech production (Bologna) = <https://servizi.intermediario.ditechonline.it>

Ditech staging (Bologna) = <https://servizi.intermediariotest.ditechonline.it>

The <authBaseUrl> varies depending on the environments:

VarHub NG production (Empoli) = <https://isentry.varhub.it>

VarHub NG staging (Empoli) = <https://isentrytest.varhub.it>

Ditech production (Bologna) = <https://isentry.intermediario.ditechonline.it>

Ditech staging (Bologna) = <https://isentry.intermediariotest.ditechonline.it>

<route> = v14

3 Route deprecation plan

Routes v3, v5 e v7 are no longer available.

Route	End of maintenance date	Deletion date
v1	Already in end of maintenance	01/03/2026
v2	Already in end of maintenance	01/03/2026
v4	Already in end of maintenance	01/03/2026
v6	Already in end of maintenance	01/03/2026
v8	01/11/2025	01/05/2026
v9	01/04/2026	01/10/2026
v10	01/09/2026	01/03/2027
v11	01/11/2026	01/05/2027
v12	01/03/2027	01/09/2027
v13	01/04/2027	01/10/2027
v14	01/09/2027	

4 Authentication

Web Service to call	<authBaseUrl>/api/Token/AccessToken
Http Method	POST
Headers	Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 401 - Unauthorized
Payload Request	{ "apiName": "openBusiness.scope.serviziweb.api", "clientName": "openBusiness.client.serviziweb.api", "clientSecret": "uKNtPmq49yjLkaYv", "password": "<password>", "username": "<username>" }
Payload Response	In case of 200: " <token> "
Notes	<username>: username assigned to the client. <password>: password assigned to the client. <token>: JWT token encoded in base64. The response payload is a string that starts and ends with double quotation marks (") enclosing the actual token itself.

5 Sending electronic invoice

Web service to call	<baseUrl>/api/<route>/ActiveInvoices
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/xml Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden: vat number or fiscal code within the invoice for which the user does not have the permissions.
Payload Request	<electronic invoice in xml format>
Payload Response	In case of 200: { "progressivoInvio": <progressivoInvio> } In case of 400: { "message": <errore> }
Notes	<electronic invoice in xml format> is the invoice in xml format, sent in the body of the POST request. <progressivoInvio> alphanumeric string that uniquely identifies the invoice. It will be used to request the status of the invoice. <errore> explanatory string of the error generated by the request.

6 Sending electronic invoice conservation only

Web service to call	<baseUrl>/api/<route>/ActiveInvoices/fattura-solo-conservazione
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/xml Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden: vat number or fiscal code within the invoice for which the user does not have the permissions.
Payload Request	<electronic invoice in xml format>
Payload Response	In case of 200: { "progressivoInvio": <progressivoInvio> } In case of 400: { "message": <errore> }
Notes	<electronic invoice in xml format> is the invoice in xml format, sent in the body of the POST request. <progressivoInvio> alphanumeric string that uniquely identifies the invoice. It will be used to request the status of the invoice. <errore> explanatory string of the error generated by the request.

7 Sending electronic invoice and notification conservation only

Web service to call	<baseUrl>/api/<route>/ActiveInvoices/fattura-notifica-solo-conservazione
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: multipart/form-data Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden: vat number or fiscal code within the invoice for which the user does not have the permissions.
Payload Request	fattura=<fattura> Content-Type: application/octet-stream notifica=<notifica> Content-Type: application/octet-stream
Payload Response	In caso di 200: { "progressivoInvio": <progressivoInvio> } In caso di 400: { "message": <errore> }
Notes	<fattura>: fattura in binary format <notifica>: notifica in binary format <progressivoInvio> alphanumeric string that uniquely identifies the invoice. It will be used to request the status of the invoice. <errore> explanatory string of the error generated by the request.

8 Sending electronic invoice to national system

Web service to call	<baseUrl>/api/<route>/ActiveInvoices/invoice-national-system
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: multipart/form-data Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden: vat number or fiscal code within the invoice for which the user does not have the permissions.
Payload Request	country=<countryChannel> file=<file> Content-Type: application/octet-stream
Payload Response	In caso di 200: { "progressivoInvio": <progressivoInvio> } In caso di 400: { "message": <errore> }
Note	<countryChannel>: (integer) document origin country (see Country channel description section). <file>: binary format <progressivoInvio> alphanumeric string that uniquely identifies the invoice. It will be used to request the status of the invoice. <errore> explanatory string of the error generated by the request.

9 Reading the status of an electronic invoice

Web service to call	<baseUrl>/api/<route>/InvoiceNotifications?progressivoInvio=<progressivoInvio>
Http Method	GET
Headers	Authorization: Bearer <token> Accept-Type: application/xml
Response Status	Status Code: 200 - OK Status Code: 401 - Unauthorized Status Code: 404 - Not Found: no available statuses for the requested progressive sending.
Payload Response	In case of 200: <Stati> <electronic invoice status in xml format> <electronic invoice status in xml format> </Stati>
Notes	<progressivoInvio> alphanumeric string that uniquely identifies the invoice, returned by the invoice submission call. <electronic invoice status in xml format> is the status of the requested invoice in xml format which contains both SDI notifications and the intermediary notification of either OK or error. The intermediary notifications (root element NotificaDitech) have the element TipoNotifica, which can the following values: -OI indicates a successful upload -SI indicates an error upload, the element Scarto describes the reason for the error. The invoice statuses are sent in chronological order, meaning that the last one in the list is the most recent. The returned notifications will be marked as taken and will not be included in the list of new notifications.

10 List of new notifications

The retention about new available notifications is 6 months.

Web Service to call	<baseUrl>/api/<route>/InvoiceNotifications/new-active-notifications?field1=value&fieldN=value									
Http Method	GET									
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json									
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 413 - Payload Too Large (greater than 100000 elements)									
Query string	<table border="1"> <thead> <tr> <th>Field</th> <th>Format</th> </tr> </thead> <tbody> <tr> <td>ownerPIVA</td> <td>string (es. 0200777777)</td> </tr> <tr> <td>ownerCF</td> <td>string</td> </tr> <tr> <td>top</td> <td>int (<= 100000)</td> </tr> </tbody> </table>		Field	Format	ownerPIVA	string (es. 0200777777)	ownerCF	string	top	int (<= 100000)
Field	Format									
ownerPIVA	string (es. 0200777777)									
ownerCF	string									
top	int (<= 100000)									
Payload Response	In case of 200: <pre>{ "notifications": [{ "notificationId": <notificationId>, "progressivoInvio": <progressivoInvio>, "docId": <docId>, "fileName": "filenamenotifica.xml", "tipoMessaggio": "<tipoMessaggio>" }] }</pre>									

	<pre> “esitoCommittente”: “<esitoCommittente>”, “sdild”: “<sdild>”, “dataOraRicezioneSdi”: “<dataOraRicezioneSdi>” }, { “notificationId”: <notificationId>, “progressivoInvio”: <progressivoInvio>, “docId”: <docId>, “fileName”: “filenamenotifica.xml”, “tipoMessaggio”: “<tipoMessaggio>”, “esitoCommittente”: “<esitoCommittente>”, “sdild”: “<sdild>”, “dataOraRicezioneSdi”: “<dataOraRicezioneSdi>” }], “total”: 2 } In case of 400: { “message”: <errore> } </pre>
Notes	<p><notificationId>: unique code (integer) notification identifier to be used in the download booking request.</p> <p><progressivoInvio>: unique code for invoice uploading.</p> <p><docId>: unique code (integer) identifier of the invoice associated with the notification.</p> <p><errore>: explanatory string of the error generated by the request.</p>

	<p><tipoMessaggio>: notification type (see Message type description section).</p> <p><esitoCommittente>: assigned only if tipoMessaggio = NE (see Esito committente description section).</p> <p><sdild>: sdi Id read from notification.</p> <p><dataOraRicezioneSdi>: date and time sdi of active invoice received, assigned only if tipoMessaggio = OI.</p> <p>In the Request:</p> <ul style="list-style-type: none">- It is possible to provide a value for either VAT Number (PIVA) or fiscal code (CF), or neither of them, or both.- If top is not specified, it is assumed to be equal to 100000.- ownerPIVA and ownerCF refer to the owner who issued the invoice. Therefore, CedentePrestatore for the active invoices and CessionarioCommittente for the third-party invoices.
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

11 Booking notification downloads

Web Service to call	<baseUrl>/api/<route>/InvoiceNotifications/jobs
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 202 - Accepted Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of document ids, max 100 <pre>{ "notificationIds": [id1, id2, ..., id100] }</pre>
Payload Response	In case of 202: <pre>{ "jobId": <jobId> }</pre> In case of 400: <pre>{ "message": <errore> }</pre>
Notes	<jobId>: 36-character string (GUID) that should be used in job status requests. Once the job is created, it has a validity of 24 hours. After that, it will be deleted even if not downloaded. <errore>: explanatory string of the error generated by the request.

Response Status

HTTP 202 (Accepted): job in progress

HTTP 400 (Bad Request): invalid input data

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more notificationIds not found or for which the user does not have permissions

12 Downloading notifications

Web Service to call	<baseUrl>/api/<route>/InvoiceNotifications/jobs/{jobId}
Http Method	GET
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 202 - Accepted Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	
Payload Response	Zip File
Notes	

Response Status

HTTP 202 (Accepted): job in progress

HTTP 400 (Bad Request): invalid data input (invalid GUID)

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): GUID not found or for which the user does not have permissions

HTTP 200 (OK): the response contains a zip file with the notification files and an indice.json file. the job will be reset after the response. To be able to download it again, a new job must be created. The response payload is a binary file with the content type application/octet-stream.

The indice.json file contains the list of notifications inside the zip file, indicating for each the notificationId, docId, progressivoInvio, fileName, tipoMessaggio, esitoCommittente, sdId and dataOraRicezioneSdi.

Example of the content of the indice.json file:

```
{
  "files": [
    {
      "notificationId": 123,
      "docId": 555,
      "progressivoInvio": 1357,
      "fileName": "filenamenotifica1.xml",
      "tipoMessaggio": "OI",
      "esitoCommittente": null,
      "sdild": null,
      "dataOraRicezioneSdi": "2024-01-25T16:13:16"
    },
    {
      "notificationId": 124,
      "docId": 555,
      "progressivoInvio": 1357,
      "fileName": "filenamenotifica2.xml",
      "tipoMessaggio": "RC",
      "esitoCommittente": null,
      "sdild": "1234567",
      "dataOraRicezioneSdi": null
    },
    {
      "notificationId": 125,
      "docId": 556,
      "progressivoInvio": 1358,
      "fileName": "filenamenotifica3.xml",
      "tipoMessaggio": "NE",
      "esitoCommittente": "EC01",
      "sdild": "9876543",
      "dataOraRicezioneSdi": null
    }
  ]
}
```

13 Mark notifications as taken

Web Service to call	<baseUrl>/api/<route>/InvoiceNotifications/set-notifications-as-got
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of notification ids, max 100 { "notificationIds": [id1, id2, ..., id100] }
Payload Response	In case of 400: { "message": <errore> }
Notes	

Response Status

HTTP 200 (OK): operation executed

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more notification ids not found or for which the user does not have permissions

14 List of active and third-party invoices

Web Service to call	<baseUrl>/api/<route>/DownloadInvoices/active-invoices? field1=value&fieldN=value																							
Http Method	GET																							
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json																							
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 413 - Payload Too Large (greater than 100000 elements)																							
Query string	<table border="1"> <thead> <tr> <th>Field</th> <th>Format</th> </tr> </thead> <tbody> <tr> <td>invoiceDateFrom</td> <td>yyyy-MM-dd</td> </tr> <tr> <td>invoiceDateTo</td> <td>yyyy-MM-dd</td> </tr> <tr> <td>invoiceReceivedDateTimeFrom</td> <td>yyyy-MM-dd HH:mm:ss</td> </tr> <tr> <td>invoiceReceivedDateTimeTo</td> <td>yyyy-MM-dd HH:mm:ss</td> </tr> <tr> <td>ownerPIVA</td> <td>string (es. 0200777777)</td> </tr> <tr> <td>ownerCF</td> <td>string</td> </tr> <tr> <td>fase1</td> <td>bool (true/false)</td> </tr> <tr> <td>fase2</td> <td>bool (true/false)</td> </tr> <tr> <td>top</td> <td>int (<= 100000)</td> </tr> <tr> <td>includeInvoiceConservationOnly</td> <td>bool (true/false)</td> </tr> </tbody> </table>		Field	Format	invoiceDateFrom	yyyy-MM-dd	invoiceDateTo	yyyy-MM-dd	invoiceReceivedDateTimeFrom	yyyy-MM-dd HH:mm:ss	invoiceReceivedDateTimeTo	yyyy-MM-dd HH:mm:ss	ownerPIVA	string (es. 0200777777)	ownerCF	string	fase1	bool (true/false)	fase2	bool (true/false)	top	int (<= 100000)	includeInvoiceConservationOnly	bool (true/false)
Field	Format																							
invoiceDateFrom	yyyy-MM-dd																							
invoiceDateTo	yyyy-MM-dd																							
invoiceReceivedDateTimeFrom	yyyy-MM-dd HH:mm:ss																							
invoiceReceivedDateTimeTo	yyyy-MM-dd HH:mm:ss																							
ownerPIVA	string (es. 0200777777)																							
ownerCF	string																							
fase1	bool (true/false)																							
fase2	bool (true/false)																							
top	int (<= 100000)																							
includeInvoiceConservationOnly	bool (true/false)																							
Payload Response	In case of 200: <pre>{ "invoce": [{ "progressivoInvio": <progressivoInvio>, </pre>																							

	<pre> “docId”: <docId>, “senderPIVA”: “0200777777”, “senderCF”: “”, “receiverPIVA”: “02005004003”, “receiverCF”: “”, “data”: “2012-04-23”, “number”: “77/C”, “documentType”: “TD01”, “sdild”: “1204005”, “dataRicezione”: “2012-05-01 09:09:02”, “fileName”: “filenamefattura.xml p7m” }, { “progressivoInvio”: <progressivoInvio>, “docId”: <docId>, “senderPIVA”: “0200777777”, “senderCF”: “”, “receiverPIVA”: “02005088888”, “receiverCF”: “”, “data”: “2012-04-23”, “number”: “78/C”, “documentType”: “TD01”, “sdild”: “1204006”, “dataRicezione”: “2012-04-23 19:09:02”, “fileName”: “filenamefattura.xml p7m” }], “total”: 2 } </pre>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<p>In case of 400:</p> <pre>{ "message": <errore> }</pre>
Notes	<p><progressivoInvio>: unique code for invoice uploading. It could be empty if the invoice was not uploaded via API.</p> <p><docId>: unique code identifier for the invoice.</p> <p><errore>: explanatory string of the error generated by the request.</p> <p>In the Request:</p> <ul style="list-style-type: none"> - The date range cannot exceed 31 days. Only one type of date range can be specified, either document date or received date. - It is possible to provide a value for either VAT Number (PIVA) or fiscal code (CF), or neither of them, or both - if phase1 and/or phase2, the allowed date range extends to 365 days. <p>If Top is not specified, it is assumed to be equal to 100000.</p> <ul style="list-style-type: none"> - ownerPIVA and ownerCF refer to the owner who issued the invoice. Therefore, CedentePrestatore for the active invoices and CessionarioCommittente for the third-party invoices. - if includeInvoiceConservationOnly specified and equal to false then invoices conservation only will be excluded from the list.

15 Booking the download of active invoices and third-party invoices with document id

Web Service to call	<baseUrl>/api/<route>/DownloadInvoices/active/doc-id/jobs
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 202 - Accepted Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of document ids, max 100 <pre>{ "docIds": [id1, id2, ..., id100] }</pre>
Payload Response	In case of 202: <pre>{ "jobId": <jobId> }</pre> In case of 400: <pre>{ "message": <errore> }</pre>
Notes	<jobId>: 36-character string (GUID) that should be used in job status requests. Once the job is created, it has a validity of 24 hours. After that, it will be deleted even if not downloaded. <errore>: explanatory string of the error generated by the request.

Response Status

HTTP 202 (Accepted): job in progress

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more doc ids not found or for which the user does not have permissions

16 Booking the download active invoices and third-party invoices with progressive sending

Web service to call	<baseUrl>/api/<route>/DownloadInvoices/active/progressivo-invio/jobs
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 202 - Accepted Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List di document ids, max 100 { "progressivoInvio": [id1, id2, ..., id100] }
Payload Response	In case of 202: { "jobId": <jobId> } In case of 400: { "message": <errore> }
Note	<jobId>: 36-character string (GUID) that should be used in job status requests. Once the job is created, it has a validity of 24 hours. After that, it will be deleted even if not downloaded.

	<errore>: explanatory string of the error generated by the request.
--	---------------------------------------------------------------------

Response Status

HTTP 202 (Accepted): job in progress

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more document ids not found or for which the user does not have permissions

17 Downloading active invoices and third-party invoices

Web Service to call	<baseUrl>/api/<route>/DownloadInvoices/active/jobs/{jobId}
Http Method	GET
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 202 - Accepted Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	
Payload Response	Zip File
Notes	

Response Status

HTTP 202 (Accepted): job in progress

HTTP 400 (Bad Request): invalid data input (invalid GUID)

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): GUID not found or for which the user does not have permissions

HTTP 200 (OK): The response contains a zip file with the invoice files and an indice.json file. The job will be reset after the response. To be able to download it again, a new job must be created.

The response payload is a binary file with the content type application/octet-stream.

The indice.json file contains the list of invoices inside the zip file, indicating for each the docId, progressivoInvio and fileName.

Example of the content of the indice.json file:

```
{  
  "files": [  
    {  
      "docId": 555,  
      "progressivoInvio": 1357,  
      "fileName": " filenamefattura1.xml"  
    },  
    {  
      "docId": 556,  
      "progressivoInvio": 1358,  
      "fileName": " filenamefattura2.xml"  
    }  
  ]  
}
```

18Set phase 1 with document id

Web service to call	<baseUrl>/api/<route>/ActiveInvoices/doc-id/set-fase-1
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of document ids, max 100 { "docIds": [id1, id2, ..., id100] }
Payload Response	In case of 400: { "message": <errore> }
Notes	

Response Status

HTTP 200 (OK): operation executed

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more document ids not found or for which the user does not have permissions

19 Clear phase 1 with document id

Web Service to call	<baseUrl>/api/<route>/ActiveInvoices/doc-id/clear-fase-1
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of document ids, max 100 { "docIds": [id1, id2, ..., id100] }
Payload Response	In case of 400: { "message": <errore> }
Notes	

Response Status

HTTP 200 (OK): operation executed

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more document ids not found or for which the user does not have permissions

20Set phase 2 with document id

Web Service to call	<baseUrl>/api/<route>/ActiveInvoices/doc-id/set-fase-2
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of document ids, max 100 <pre>{ "docIds": [id1, id2, ..., id100] }</pre>
Payload Response	In case of 400: <pre>{ "message": <errore> }</pre>
Notes	

Response Status

HTTP 200 (OK): operation executed

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more document ids not found or for which the user does not have permissions

21 Clear phase 2 with document id

Web Service to call	<baseUrl>/api/<route>/ActiveInvoices/doc-id/clear-fase-2
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of document ids, max 100 { "docIds": [id1, id2, ..., id100] }
Payload Response	In case of 400: { "message": <errore> }
Notes	

Response Status

HTTP 200 (OK): operation executed

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more document ids not found or for which the user does not have permissions

22Set phase 1 with progressive sending

Web Service to call	<baseUrl>/api/<route>/ActiveInvoices/progressivo-invio/set-fase-1
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of document ids, max 100 <pre>{ "progressivoInvio": [id1, id2, ..., id100] }</pre>
Payload Response	In case of 400: <pre>{ "message": <errore> }</pre>
Notes	

Response Status

HTTP 200 (OK): operation executed

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more progressivoInvio not found or for which the user does not have permissions

23 Clear phase 1 with progressive sending

Web service to call	<baseUrl>/api/<route>/ActiveInvoices/progressivo-invio/clear-fase-1
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of document ids, max 100 <pre>{ "progressivoInvio": [id1, id2, ..., id100] }</pre>
Payload Response	In case of 400: <pre>{ "message": <errore> }</pre>
Notes	

Response Status

HTTP 200 (OK): operation executed

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more progressivoInvio not found or for which the user does not have permissions

24Set phase 2 with progressive sending

Web Service to call	<baseUrl>/api/<route>/ActiveInvoices/progressivo-invio/set-fase-2
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of document ids, max 100 <pre>{ "progressivoInvio": [id1, id2, ..., id100] }</pre>
Payload Response	In case of 400: <pre>{ "message": <errore> }</pre>
Notes	

Response Status

HTTP 200 (OK): operation executed

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more progressivoInvio not found or for which the user does not have permissions

25 Clear phase 2 with progressive sending

Web Service to call	<baseUrl>/api/<route>/ActiveInvoices/progressivo-invio/clear-fase-2
Http Method	POST
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 400 - Bad Request Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	List of document ids max 100 { "progressivoInvio": [id1, id2, ..., id100] }
Payload Response	In case of 400: { "message": <errore> }
Notes	

Response Status

HTTP 200 (OK): operation executed

HTTP 400 (Bad Request): invalid data input

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more progressivoInvio not found or for which the user does not have permissions

26 Download document foreign nation

Web Service to call	<baseUrl>/api/<route>/ActiveInvoices/document/{progressivoInvio}/{type}
Http Method	GET
Headers	Authorization: Bearer <token> Content-Type: application/json Accept: application/json
Response Status	Status Code: 200 - OK Status Code: 401 - Unauthorized Status Code: 403 - Forbidden
Payload Request	
Payload Response	In case of 200: file in binary format
Note	Values of {type}: - render (pdf file) - receipt (notification file released by the national system)

Response Status

HTTP 200 (OK): operation executed

HTTP 401 (Unauthorized): invalid token

HTTP 403 (Forbidden): one or more progressivoInvio not found or for which the user does not have permissions or file not found

27 Examples of responses to the status of an electronic invoice

27.1 OI Notification with SDI rejection receipt

```
<Stati xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <Stato>
    <NotificaDitech xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <IdPaese>IT</IdPaese>
      <IdCodice>01100220305</IdCodice>
      <IdPaeseCessionario>IT</IdPaeseCessionario>
      <IdCodiceCessionario>01100220307</IdCodiceCessionario>
      <TipoDocumento>TD01</TipoDocumento>
      <Data>2023-01-23</Data>
      <Numero>test-api-13</Numero>
      <IdPaeseTrasmittenteOrig>IT</IdPaeseTrasmittenteOrig>
      <IdCodiceTrasmittenteOrig>01100220305</IdCodiceTrasmittenteOrig>
      <ProgressivoInvioOrig>100013</ProgressivoInvioOrig>
      <NomeFileFatturaOrig>GetYourBill_01100220305_100013.xml</NomeFileFatturaOrig>
      <ProgressivoInvioSDI>2275508</ProgressivoInvioSDI>
      <TipoNotifica>OI</TipoNotifica>
      <IdentificativoSDI>27811526</IdentificativoSDI>
      <DataOraRicezioneNotifica>2023-03-20 09:02</DataOraRicezioneNotifica>
    </NotificaDitech>
  </Stato>
  <Stato>
    <ns3:RicevutaScarto xmlns:ns3="http://ivaservizi.agenziaentrate.gov.it/docs/xsd/fattura/messaggi/v1.0"
xmlns:ns2="http://www.w3.org/2000/09/xmldsig#" versione="1.0">
      <IdentificativoSdl>27811526</IdentificativoSdl>
      <NomeFile>IT02470300373_9Xxk.xml</NomeFile>
      <Hash>159cadd73490a026d9306325b2acd260da78630e80acbe7bad17dd1b1fc74459</Hash>
      <DataOraRicezione>2023-03-20T09:01:03.000+01:00</DataOraRicezione>
      <ListaErrori>
        <Errore>
          <Codice>00301</Codice>
```

```
<Descrizione>1.2.1.1.2 &lt;IdCodice&gt; non valido : 01100220305</Descrizione>
<Suggerimento>Verificare che il campo IdFiscaleIVA/IdCodice del "CedentePrestatore" sia
valido</Suggerimento>
</Errore>
<Errore>
<Codice>00305</Codice>
<Descrizione>1.4.1.1.2 &lt;IdCodice&gt; non valido : 01100220307</Descrizione>
<Suggerimento>Verificare che il campo IdFiscaleIVA/IdCodice del "CessionarioCommittente" sia
valido</Suggerimento>
</Errore>
</ListaErrori>
<MessageId>67616843</MessageId>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#" Id="Signature1">
// Rimosso per leggibilità
</ds:Signature>
</ns3:RicevutaScarto>
</Stato>
</Stati>
```

27.2 OI Notification with SDI Delivery receipt

```
<Stati xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <Stato>
    <NotificaDitech xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <IdPaese>IT</IdPaese>
      <IdCodice>03828620488</IdCodice>
      <CodiceFiscale>03828620488</CodiceFiscale>
      <IdPaeseCessionario>IT</IdPaeseCessionario>
      <IdCodiceCessionario>03301640482</IdCodiceCessionario>
      <TipoDocumento>TD24</TipoDocumento>
      <Data>2023-03-01</Data>
      <Numero>test-api-14</Numero>
      <IdPaeseTrasmittenteOrig>IT</IdPaeseTrasmittenteOrig>
      <IdCodiceTrasmittenteOrig>01100220305</IdCodiceTrasmittenteOrig>
      <ProgressivoInvioOrig>100014</ProgressivoInvioOrig>
      <NomeFileFatturaOrig>GetYourBill_01100220305_100014.xml</NomeFileFatturaOrig>
      <ProgressivoInvioSDI>2275509</ProgressivoInvioSDI>
      <TipoNotifica>OI</TipoNotifica>
      <IdentificativoSDI>27811559</IdentificativoSDI>
      <DataOraRicezioneNotifica>2023-03-20 09:58</DataOraRicezioneNotifica>
    </NotificaDitech>
  </Stato>
  <Stato>
    <ns3:RicevutaConsegna xmlns:ns3="http://ivaservizi.agenziaentrate.gov.it/docs/xsd/fattura/messaggi/v1.0"
xmlns:ns2="http://www.w3.org/2000/09/xmldsig#" versione="1.0">
      <IdentificativoSdl>27811559</IdentificativoSdl>
      <NomeFile>IT02470300373_9Xxl.xml</NomeFile>
      <Hash>5952592c2258156158488c521dd13eaf039ac24edba403716604f36d9a79a6b7</Hash>
      <DataOraRicezione>2023-03-20T09:57:17.000+01:00</DataOraRicezione>
      <DataOraConsegna>2023-03-20T09:57:41.000+01:00</DataOraConsegna>
      <Destinatario>
        <Codice>DTI1I04</Codice>
      </Destinatario>
      <MessageId>67632260</MessageId>
      <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#" Id="Signature1">
```

// Rimosso per leggibilità
</ds:Signature>
</ns3:RicevutaConsegna>
</Stato>
</Stati>

27.3 SI Notification

```
<Stati xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <Stato>
    <NotificaDitech xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <IdPaese>IT</IdPaese>
      <IdCodice>03828620488</IdCodice>
      <CodiceFiscale>03828620488</CodiceFiscale>
      <IdPaeseCessionario>IT</IdPaeseCessionario>
      <IdCodiceCessionario>03301640482</IdCodiceCessionario>
      <TipoDocumento>TD24</TipoDocumento>
      <Data>2023-03-01</Data>
      <Numero>test-api-14</Numero>
      <IdPaeseTrasmittenteOrig>IT</IdPaeseTrasmittenteOrig>
      <IdCodiceTrasmittenteOrig>01100220305</IdCodiceTrasmittenteOrig>
      <ProgressivoInvioOrig>100015</ProgressivoInvioOrig>
      <NomeFileFatturaOrig>GetYourBill_01100220305_100015.xml</NomeFileFatturaOrig>
      <TipoNotifica>SI</TipoNotifica>
      <DataOraRicezioneNotifica>2023-03-20 09:56</DataOraRicezioneNotifica>
      <Scarto>
        <ListaErrori>
          <Errore>
            <Descrizione> Fattura "test-api-14" esistente</Descrizione>
          </Errore>
        </ListaErrori>
      </Scarto>
    </NotificaDitech>
  </Stato>
</Stati>
```

28 Message type description

Value	Issue by	Description
OI	Intermediario	Fattura accettata dall'intermediario e spedita a SDI (Ok Intermediario)
SI	Intermediario	Fattura scartata dall'intermediario e non spedita a SDI (Scarto Intermediario)
RC	SDI	Ricevuta di consegna
NS	SDI	Notifica di scarto
MC	SDI	Notifica di mancata consegna / impossibilità di recapito
NE	SDI	Notifica esito
DT	SDI	Notifica decorrenza termini
AT	SDI	Attestazione di avvenuta trasmissione della fattura con impossibilità di recapito

29 Esito committente description

Value	Description
EC01	Accettazione
EC02	Rifiuto

30 Country channel description

Value	Description
0	Italy
1	Rumania
2	Germany
3	Belgium
4	Poland

31 Notes about invoice for Germany

When filling in the recipient of an active invoice, in the element

`cac:AccountingCustomerParty\cac:Party\cbc:EndpointID`

the `schemeID` attribute must be 9930 if you know the Peppol ID or EM if you know the email.

Examples:

```
<cbc:EndpointID schemeID="9930">DE123456789</cbc:EndpointID>
```

```
<cbc:EndpointID schemeID="EM">xxx@yyy.zz</cbc:EndpointID>
```

In the sender, in the element `cac:AccountingSupplierParty\cac:Party\cbc:EndpointID` we suggest using `schemeID 9930` because Peppol ID is always provided to you.