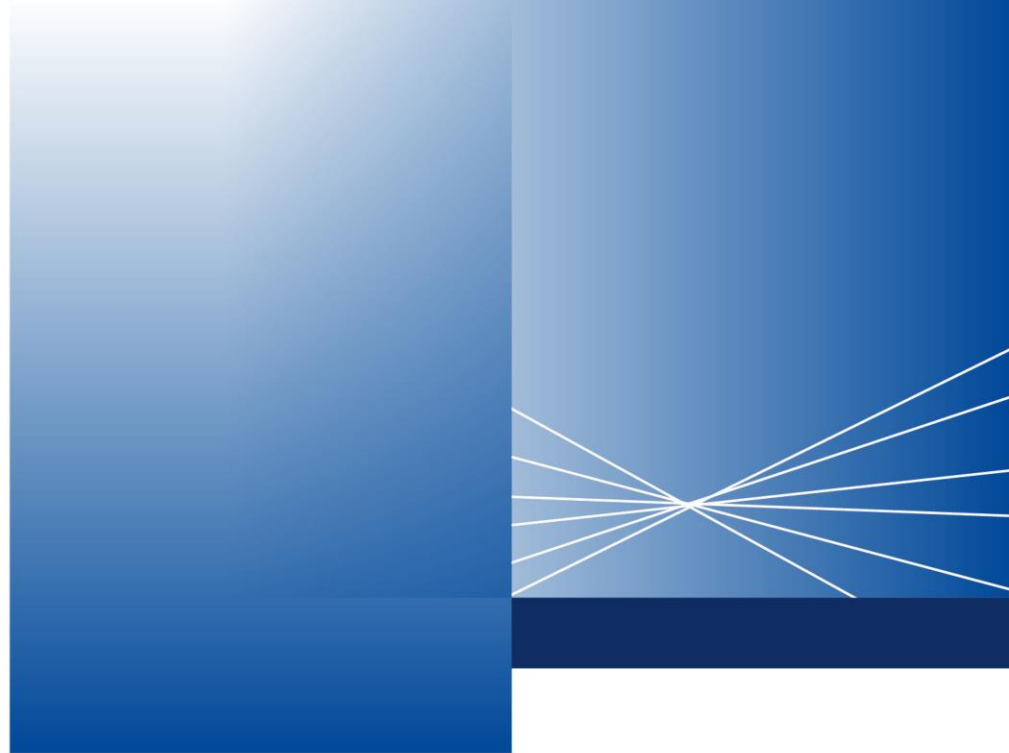




ΑΑΔΕ

Independent Authority
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ERP Declaration Specifications of API Interface Version 1.1.0

ATHENS, 10 JUNE 2024

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1 Change History

Version	Date	Description
1.0.0	26/4/2024	Initial Version
1.0.1	9/5/2024	<p>Additions of new validation rules:</p> <ol style="list-style-type: none"> 1. Multiple entries are not allowed for the same TIN/ERP Business Name combination (new error code 1400) 2. Different values are not allowed in the ERP User Seasonality Indicator field for the same TIN number (new error code 1401) <p>Description change of error 1550.</p> <p>It is now allowed to send a file containing only the header.</p>
1.0.2	31/5/2024	<p>Additions of new error codes related to version 1.1.0 of the specifications:</p> <p>1053, 1207, 1208, 1570, 1571, 1580, 1581, 1590, 1591, 1592, 1600, 1601, 1602, 1610, 1611, 1612</p>
1.1.0	10/6/2024	<p>Addition of two new calls:</p> <p>Validation of ERP readiness status file Submission of ERP readiness status file</p> <p>Additions of new error codes related to ERP Software Readiness Declarations:</p> <p>2000, 2001, 2010, 2011, 2012, 2020, 2021, 2022, 2030, 2031, 2032, 2040, 2041, 2042</p>

2 Access to API

Using the API interface requires a user authentication process.

Authentication is accomplished by sending a username and a password in the headers of every call.

Parameter Name	Parameter Type	Mandatory
tokenUsername	Header parameter	Yes
tokenPassword	Header parameter	Yes

3 Call Responses

The call responses are either in json or xml format. This is specified with the accept header parameter. Accepted values are application/xml and application/json. If the parameter is not present in the call or has a different value, the response will be in json format.

Parameter Name	Parameter Type	Mandatory
accept	Header parameter	No

Depending on the outcome of the call, the response has a different status code.

Call outcome

Call outcome	Response Status Code
Successful Call	200 (OK)
Unsuccessful call due to user error	400 (Bad Request)
Unsuccessful call due to system error	500 (Internal Server Error)

In case of errors, the response has the following format:

```

<ApiResponseDoc>
  <errors>
    <error>
      <code>1001</code>
      <descr>Invalid credentials</descr>
    </error>
  </errors>
</ApiResponseDoc>
  
```

Field Description

Field	Description
code	Error code (possible values are listed in the appendix)
descr	Error description
line	If the error refers to file submission, the line where the error was found is also displayed

4 Calls

API offers the following calls:

1. File submission
2. Retrieval of submitted file list
3. Retrieval of specific submission information
4. Retrieval of submitted file

For performance reasons and the smooth operation of the API, more than one call between the following functions may not be executed at the same time:

1. File submission

If a second call is started before the first one is completed, an error message will be returned (Error Code 9998).

4.1 File Submission

Url	Call Type	Description
https://www1.aade.gr/aadeapps3/erpApi/rest/erp/upload/validate	POST	ERP technical support list File Validation
https://www1.aade.gr/aadeapps3/erpApi/rest/erp/upload/submit	POST	ERP technical support list File Submission
https://www1.aade.gr/aadeapps3/erpApi/rest/erp/upload/erpReady/validate	POST	ERP Readiness File Validation
https://www1.aade.gr/aadeapps3/erpApi/rest/erp/upload/erpReady/submit	POST	ERP Readiness File Submission

For file submission calls the Content-Type of call must be multipart/form-data.
The file should be in zip format and contain only one csv file.
The zip file cannot be password protected.

List of Parameters

Parameter Name	Parameter Type	Mandatory	Description
tokenUsername	Header parameter	Yes	Username
tokenPassword	Header parameter	Yes	Password
Content-Type	Header parameter	Yes	Mandatory value: multipart/form-data
File	Binary Data	Yes	Name of zip file
accept	Header parameter	Yes	Response type: application/xml or application/json

Example Call (Curl):

```

curl -X 'POST' 'https://www1.aade.gr/aadeapps3/erpApi/rest/erp/upload/submit' \
-H 'accept: application/xml' \
-H 'tokenUsername: username' \
-H 'tokenPassword: password' \
-H 'Content-Type: multipart/form-data' \
-F 'file=@erp_test.zip;type=application/zip'
  
```

In case of successful submission, the response has the following format:

```

<ApiResponseDoc>
  <uploadResponse>
    <transId>209</transId>
    <filename>erp_test.zip</filename>
    <zipSize>427</zipSize>
    <csvSize>743</csvSize>
    <totalEntries>5</totalEntries>
  </uploadResponse>
</ApiResponseDoc>
  
```

Field Description

Field	Description
transId	Submission ID Number
filename	File Name
zipSize	Compressed file size
csvSize	CSV file size
totalEntries	Number of records on file

Note 1: Upon submission of the file, it is checked that is following file specifications. If an error is found, the entire file is rejected, and user must resubmit it after making the necessary corrections.

Note 2: File validation automatically stops if 100 errors are found and a corresponding error is displayed in the response.

Note 3: The complete validation and updating of the ERP Information Database is done asynchronously in the next phase. At this stage if an error is found in a line, only the relevant line is rejected and not the entire file. When the processing has completed, user is notified for the result by email. If any errors were found, user can retrieve them by calling the API (see below).

Note 4: Simultaneous submission of multiple files by the same user is not allowed, either in the same request or through different requests.

Note 5: If you receive an error message with code 1149 (Error parsing request. Check API specifications and/or swagger UI), when submitting a file, it is due to an incorrect call to the service. In most cases this is because you're using extra arguments (or inserting different values in them) in the call you are making. If you are using only the above arguments in the call and you are continuing to receive the specific error, please contact erregistry.support@aade.gr including with the command you are using (without the credentials).

4.2 Retrieval of submitted file list

Url	Call Type	Description
https://www1.aade.gr/aadeapps3/erpApi/rest/erp/fetch/uploads	GET	List of submitted files

List of Parameters

Parameter Name	Parameter Type	Mandatory	Description
tokenUsername	Header parameter	Yes	Username
tokenPassword	Header parameter	Yes	Password
dateFrom	Query parameter	No	Submission date FROM. Format: DDMMYYYY
dateTo	Query parameter	No	Submission date TO. Format: DDMMYYYY
accept	Header parameter	No	Response type: application/xml or application/json

Example Call (Curl):

```

curl -X 'GET'
'https://www1.aade.gr/aadeapps3/erpApi/rest/erp/fetch/uploads?dateFrom=01012023&dateTo=04092023' \
-H 'accept: application/xml' \
-H 'tokenUsername: username' \
-H 'tokenPassword: password'
  
```

In case of successful call, the response has the following format:

```

<ApiResponseDoc>
  <uploadedFiles>
    <uploadedFile>
      <transId>127</transId>
      <uploadDate>18/09/2023 15:43:29</uploadDate>
      <filename>test.zip</filename>
      <totalEntries>5</totalEntries>
      <status>NOT_PROCESSED</status>
    </uploadedFile>
  </uploadedFiles>
</ApiResponseDoc>
  
```

Field Description

Field	Description
transId	Submission ID Number
uploadDate	Submission Date
filename	File Name
totalEntries	Number of records on file
status	Submission status (possible values are listed in the appendix)

4.3 Retrieval of specific submission information

Url	Call Type	Description
https://www1.aade.gr/aadeapps3/erpApi/rest/erp/fetch/upload/info	GET	Retrieval of Submitted File Information

List of Parameters

Parameter Name	Parameter Type	Mandatory	Description
tokenUsername	Header parameter	Yes	Username
tokenPassword	Header parameter	Yes	Password
transId	Path parameter	Yes	Submission ID Number
accept	Header parameter	No	Response type: application/xml application/json

Example Call (Curl):

```

curl -X 'GET' 'https://www1.aade.gr/aadeapps3/erpApi/rest/erp/fetch/upload/info/1' \
-H 'accept: application/xml' \
-H 'tokenUsername: username' \
-H 'tokenPassword: password'
  
```

In case of successful call, the response has the following format:

```

<ApiResponseDoc>
  <uploadDetails>
    <transId>127</transId>
    <uploadDate>18/09/2023 15:43:29</uploadDate>
    <filename>test.zip</filename>
    <zipSize>427</zipSize>
    <csvSize>743</csvSize>
    <totalEntries>5</totalEntries>
    <status>NOT_PROCESSED</status>
  </uploadDetails>
</ApiResponseDoc>
  
```

Field Description

Field	Description
transId	Submission ID Number
uploadDate	Submission Date
filename	File Name
zipSize	Compressed file size
csvSize	CSV file size
totalEntries	Number of records on file
status	Submission status (possible values are listed in the appendix)

4.4 Retrieval of submitted file

Url	Call Type	Description
https://www1.aade.gr/aadeapps3/erpApi/rest/erp/fetch/upload/csv	GET	Retrieval of submitted file

List of Parameters

Parameter Name	Parameter Type	Mandatory	Description
tokenUsername	Header parameter	NAI	Username
tokenPassword	Header parameter	NAI	Password
transId	Path parameter	NAI	Submission ID Number
accept	Header parameter	OXI	Response type (1): application/xml or application/json

(1) The response format is only applied in the case of an unsuccessful call. In case of successful call, the response is described below.

Example Call (Curl):

```

curl -X 'GET' 'https://www1.aade.gr/aadeapps3/erpApi/rest/erp/fetch/upload/csv/1' \
-H 'accept: application/xml' \
-H 'tokenUsername: username' \
-H 'tokenPassword: password'
  
```

Note: This call is not available in the test environment

5 Appendix with Tables

Table 1. Possible submission status

Value	Description
NOT_PROCESSED	File not processed yet
PROCESSED	File was processed

Table 2. Error codes list

Τύπος	Κωδικός	Περιγραφή
Authorization error	1001	Invalid credentials (username/password)
Authorization error	1010	Not authorized to use API
Authorization error	1011	Not authorized to use API (deactivated account)
Authorization error	1050	Service is not available
Authorization error	1051	Service is not available in test environment
Authorization error	1052	Service is not available without confirmed contact info. Update your contact info at https://www1.aade.gr/saadeapps3/comregistry/#!/mhtrwoe-pikoinwnias
Authorization error	1053	Service is temporary unavailable for maintenance
Payload error	1100	Content type of request must be multipart/form-data
Payload error	1101	No file uploaded
Payload error	1102	Multiple files uploaded
Payload error	1103	Invalid multipart/form-data content
Payload error	1104	Invalid file type
Payload error	1105	Header Content-Type is missing
Payload error	1106	Multiple Content-Type headers found
Payload error	1107	Content-Type header must be multipart/form-data
Payload error	1149	Error parsing request. Check API specifications and/or swagger UI
Payload error	1150	Zip file is empty
Payload error	1151	Invalid file type. Zip file expected
Payload error	1152	Zip file contains multiple files

Τύπος	Κωδικός	Περιγραφή
Payload error	1153	Compressed file must be csv
Payload error	1154	Encrypted zip files are not supported
Payload error	1155	Compressed csv file must have UTF-8 encoded filename. Use of latin alphanumeric characters is recommended
Payload error	1156	Error validating zip file
Payload error	1200	CSV file is empty
CSV Validation error	1201	Csv header must be the first line. If the first line is the header ensure that the encoding of the file is UTF-8 (without BOM). Parsing aborted
CSV Validation error	1202	Different number of fields expected in header. Please check that correct delimiter is used and no empty fields exist at the end of the line. Parsing aborted
CSV Validation error	1203	Submitter in header is different than submitter of file
CSV Validation error	1204	CSV file doesn't contain entries
CSV Validation error	1205	Max number of errors reached
CSV Validation error	1206	CSV Version is mandatory
CSV Validation error	1207	Invalid CSV version
CSV Validation error	1208	CSV version reached EOL
CSV Validation error	1300	Invalid row type
CSV Validation error	1301	Different number of fields expected
CSV Validation error	1304	Unterminated quoted field at end of CSV line. If a field contains double quote, it must be escaped with a second double quote (\\"). Parsing aborted
CSV Validation error	1399	Unexpected error parsing line. Parsing aborted
CSV Validation error	1400	Duplicate entry (combination of TIN/software)

CSV Validation error	1401	Multiple values of field 2.4 (seasonal activity) for the same TIN
CSV Validation error	1500	Country code is mandatory
CSV Validation error	1501	Invalid country code
CSV Validation error	1510	TIN is mandatory
CSV Validation error	1511	Invalid TIN
CSV Validation error	1520	Company name is mandatory
CSV Validation error	1530	Invalid entry type. Expected ERP entry (entry type = 2). Line ignored
CSV Validation error	1540	Software name is mandatory
CSV Validation error	1550	Seasonal activity value is invalid
CSV Validation error	1560	Invalid appointment date (must be in DD/MM/YYYY format)
CSV Validation error	1570	Sales type is mandatory
CSV Validation error	1571	Sales type is invalid
CSV Validation error	1580	Role is mandatory
CSV Validation error	1581	Role is invalid
CSV Validation error	1590	Manufacturer country is mandatory for selected role
CSV Validation error	1591	Manufacturer country must be empty for selected role
CSV Validation error	1592	Manufacturer country is invalid
CSV Validation error	1600	Manufacturer TIN is mandatory for selected role
CSV Validation error	1601	Manufacturer TIN must be empty for selected role
CSV Validation error	1602	Manufacturer TIN is invalid
CSV Validation error	1610	Manufacturer name is mandatory for selected role
CSV Validation error	1611	Manufacturer name must be empty for selected role

CSV Validation error	1612	Manufacturer name contains illegible characters
CSV Validation error	2000	Cannot combine entries with specific software and entries without software
CSV Validation error	2001	Duplicate entry (combination of Software/NSP/Protocol/Cash Register System)
CSV Validation error	2010	NSP is mandatory
CSV Validation error	2011	NSP contains illegible characters. The encoding of the csv file must be UTF-8
CSV Validation error	2012	NSP is invalid. Check https://www.aade.gr/etoimotita-erps for valid NSP values
CSV Validation error	2020	Protocol is mandatory
CSV Validation error	2021	Protocol is invalid. Number expected
CSV Validation error	2022	Combination of NSP/Protocol is invalid. Check https://www.aade.gr/etoimotita-erps for valid NSP/Protocol combinations
CSV Validation error	2030	Cash register system is mandatory in case of connection type 1155
CSV Validation error	2031	Cash register system is invalid
CSV Validation error	2032	Cash register system field must be empty in case of connection type 1098
CSV Validation error	2040	Status is mandatory in case of connection type 1155
CSV Validation error	2041	Status is invalid
CSV Validation error	2042	Status field must be empty in case of connection type 1098
API request error	5000	Invalid minimum upload date. Date must be in DDMMYYYYY format
API request error	5001	Invalid maximum upload date. Date must be in DDMMYYYYY format
API request error	5002	Invalid type of upload

API request error	5003	Upload not found
API request error	9998	Other request is in process
System error	9999	Internal server error