

## Guideline to Submit CESOP Data

**Version: 1.3**

### **Production Token:**

- Production **Bearer token** is to be generated from the CESOP registration portal. This is a unique Token containing PSP details.

**Registration Portal:** <https://taxation.gov.mt/taxation.web/token/generate>

- **Subscription key** – This is a generic subscription key used for additional security purposes and should be made available in the header:
  - **Key:** Ocp-Apim-Subscription-Key
  - **Value:** The value of the subscription key is to be copied through the Registration portal: <https://taxation.gov.mt/taxation.web/token/generate>

### **Quick guidelines:**

Production endpoints:

<b>Name</b>	/File/PaymentDataMsg URI: <a href="https://api.gov.mt/taxation-cesop-dataexchange/File/PaymentDataMsg?year=2022">https://api.gov.mt/taxation-cesop-dataexchange/File/PaymentDataMsg?year=2022</a>
<b>Method</b>	POST
<b>Description</b>	This endpoint is used to upload a file. It requires the 'year' query parameter, and the file as part of the request body.
<b>Request parameters</b>	year: The year to which this data pertains. It is of type integer and required.
<b>Request body</b>	file: The file to upload, in xml format.
<b>Response</b>	201: File created successfully. Returns the ID of the newly created file.

### **Please note:**

- For Qtr1 2024 production submissions - max file size must be limited to **100MB**. We might have to revert to manual submissions through CESOP portal, the portal has a limitation of accepting file size max of 100MB.
- Large file might take some time to be accepted by the system.

<b>Name</b>	/File/NoPaymentDataMsg URI: <a href="https://api.gov.mt/taxation-cesop-dataexchange/File/NoPaymentDataMsg?year=2022">https://api.gov.mt/taxation-cesop-dataexchange/File/NoPaymentDataMsg?year=2022</a>
<b>Method</b>	POST

<b>Description</b>	This endpoint is used to upload an empty file. It requires the 'year' query parameter, and the file as part of the request body.
<b>Request parameters</b>	year: The year to which this data pertains. It is of type integer and required.
<b>Request body</b>	file: The file to upload, in xml format.
<b>Response</b>	201: File created successfully. Returns the ID of the newly created file.

<b>Name</b>	/File/StatusMsg/{id}  URI: <a href="https://api.gov.mt/taxation-cesop-dataexchange/File/StatusMsg/f60a0068-07d8-4ddf-8bc3-edbbfd7d8783">https://api.gov.mt/taxation-cesop-dataexchange/File/StatusMsg/f60a0068-07d8-4ddf-8bc3-edbbfd7d8783</a>
<b>Method</b>	GET
<b>Description</b>	This endpoint retrieves the status of a file by its ID.
<b>Request parameters</b>	id: The ID of the file to retrieve. It is of type string (format: UUID) and required.
<b>Request body</b>	N/A
<b>Response</b>	<p><b>cesopSubmissionId:</b> The File Id returned in response following a submitted message through the PaymentDatamsg or NoPaymentDataMsg</p> <p><b>statusCode:</b> A status Code returned from the validation Module</p> <p><b>errors:</b></p> <p><b>Error code:</b> related to the error detected during the validation of the related Payment Data message (Please refer below)</p> <p><b>Error Description:</b> A description of the errors returned</p> <p><b>DocRefid:</b> The unique reference of the parent element in form of a UUID version 4.</p> <p>When the error is related to a Reported Payee or a Reported Transaction, this field allows to link the error to the related Docspec.</p> <p><b>Filename:</b> This will show the filename of the submitted report</p> <p><b>submissionTimeStamp:</b> UTC timestamp - This is the time when the file has been submitted.</p>

**Please note:**

- In relation to large files - National Validation can take some time to return a status.
- CESOP validation are asynchronous, and we do not have an indication of how long a response is sent to the national system and made available to PSPs

<b>Name</b>	/File/ GetAllFiles URI: https://api.gov.mt/taxation-cesop-dataexchange/File/GetAllFiles
<b>Method</b>	GET
<b>Description</b>	This will return a list with all the submitted files with relevant status.
<b>Request parameters</b>	N/A
<b>Request body</b>	N/A
<b>Response</b>	<p><b>cesopSubmissionId:</b> The File Id returned in response following a submitted message through the PaymentDataMsg or NoPaymentDataMsg</p> <p><b>statusCode:</b> A status Code returned from the validation module</p> <p><b>Filename:</b> This will show the filename of the submitted report</p> <p><b>submissionTimeStamp:</b> UTC timestamp - This is the time when the file has been submitted.</p>

**Possible Error Code returned from validation module.**

Description:

Restriction: xs:string

Enumeration:

- **10010:** MessageRefID is not unique.
- **10020:** The 'Timestamp' element refers to a wrong value.
- **10030:** The period is before 01/01/2024.
- **10040:** Wrong CorrMessageRefID.
- **10050:** Wrong format of the MessageRefID.
- **10060:** Wrong format of the CorrMessageRefID.
- **10070:** An initial Payment Data message can only contain new data.
- **10080:** A correction message can only contain corrections and/or deletions.
- **10090:** Wrong MessageType.
- **10100:** The reporting period cannot be updated.
- **10110:** CorrMessageRefId wrongly used in MessageSpec.
- **20010:** DocRefID is not unique within the message.
- **20020:** DocRefID is not unique within the system.
- **20030:** Wrong DocRefID format.
- **20040:** Wrong CorrDocRefId value.
- **20050:** CorrDocRefId for new data.

- **20060:** Missing CorrDocRefId.
- **20070:** CorrDocRefId no longer valid.
- **20100:** Invalid PSP's BIC format.
- **20110:** Missing ReportedPayee.
- **30010:** Business identifier of the Representative is equal to the Business Identifier of the Reporting PSP.
- **40010:** The reported transaction does not represent cross-border payment.
- **40020:** Wrong IBAN format.
- **40030:** IBAN is not valid.
- **40040:** ReportedPayee listed in the No Payment Data for the requested period message.
- **40050:** The 'ReportedTransaction' element is missing.
- **40060:** Discrepancy in the 'AccountIdentifier' attributes.
- **40070:** Invalid Representative's BIC format.
- **40080:** Discrepancy between 'AccountIdentifier' and 'Representative'.
- **45010:** Wrong value of the 'IsRefund' element in the 'AmountCurrency' element.
- **45020:** The Payment Data message contains information for multiple periods.
- **45030:** The 'DateTime' element refers to a wrong value.
- **45040:** The 'TransactionIdentifier' element is not unique within the Payment Data message.
- **45050:** The 'TransactionIdentifier' element is not unique within the system.
- **45060:** Zero value for 'Amount' element.
- **45080:** Same transaction date provided more than once.
- **50010:** The XML message is not well formed.
- **50020:** Failed Decryption.
- **50030:** Failed Decompression.
- **50040:** Failed Signature Check.
- **50050:** Failed Threat Scan.
- **50060:** Failed Virus Scan.
- **50070:** Message size exceeded.
- **50080:** Too many errors detected.
- **99999:** Custom error.

#### **Possible Status Code**

- **PENDING:** Pending Validation from MT Validation module
- **MTVALID:** The file has been validated as Valid through the National EU Validation module – No Errors generated.
- **MTNOTVALID:** The file has been validated as Not Valid through the National EU Validation module – Errors generated. No Exchange will be carried out with CESOP.
- **EXCHANGED:** A valid file has been exchanged to CESOP central system from the national system and is awaiting CESOP validation result.
- **NOTVALID:** A file has been validated from CESOP central system as Not Valid – having errors. – Final status – Resubmission required.
- **PARTIALVALID:** A file submitted to CESOP returning a partial Valid from CESOP central system. – Final status – Resubmission required.
- **VALID:** A file has been validated from CESOP central system as Valid – No errors – Final status