PROCURANT

EDI API
Error Reference Guide

HTTP status codes, error codes, and recommended actions for suppliers integrating with the Procurant EDI API.

Contents

1 About this guide

This guide describes every error a client can receive from the Procurant EDI Integration API. It is written for supplier and trading-partner teams that build and operate integrations against the API — not for Procurant's own internal engineering or support staff.

For each error you will find:

- the **HTTP status code** your client receives,
- the **error code** and **message text** returned,
- a plain-language explanation of **what it means**, and
- the **recommended action** to resolve it.

All API paths in this guide are relative to your Procurant API gateway. The EDI service is reached under the `/edi` prefix, for example:

Example path	`https://<your-procurant-gateway>/edi/api/message/inbound`

AUTHENTICATION

Every endpoint under `/edi/api/` requires a valid Procurant access token in the `Authorization: Bearer <token>` header. Requests without a valid token are rejected before they reach the EDI service (see Section 3.4).

2 HTTP status codes at a glance

STATUS	MEANING	WHEN YOU WILL SEE IT
200 OK	Request succeeded	Data returned, or a document was accepted for processing.
201 Created	Resource created	An integration partner profile or document configuration was saved.
204 No Content	Success, but no data	The query was valid but matched no records. The `Error` header carries the text `No data found`. **This is not a failure.**
400 Bad Request	Request could not be completed	Missing or invalid input, malformed JSON, a document that could not be accepted, or a processing error while handling the request. Check the `Error` header or JSON body for the specific code.
401 Unauthorized	Not authenticated	Access token missing, expired, or invalid.
403 Forbidden	Not permitted	The token is valid but the user lacks the permission required by the endpoint.
404 Not Found	Unknown path	The URL does not match any EDI API endpoint. Check spelling and the `/edi` prefix.
500 Internal Server Error	Unexpected failure	An unhandled condition on the server. Retry once; if it persists, contact Procurant Support with the details in Section 7.

3 How errors are returned

The EDI API uses three response formats for errors. Which one you receive depends on the endpoint and on the type of failure. Your client should be prepared to handle all three.

3.1 Format A — error message in the Error response header

Used by the setup, profile, lookup, and document-monitoring endpoints. The response carries an HTTP header named `Error` whose value is the **human-readable message** for the error. The response body is one of:

- empty or `null`,
- an empty JSON array `[]` or an empty page object, or
- the same message text as plain text (on the setup endpoints).

EXAMPLE

```
HTTP/1.1 400 Bad Request
Error: Direction is required
Content-Type: text/plain

Direction is required
```

> **TIP**
>
> Always read the `Error` header, even on a `204 No Content` response. A 204 with `Error: No data found` means your query was valid but returned nothing.

3.2 Format B — structured JSON error body

Used for permission failures, malformed requests, and the invoice document-status endpoint. The body is a JSON object with the following fields:

FIELD	TYPE	DESCRIPTION
status	string	HTTP status name, e.g. `BAD_REQUEST`, `FORBIDDEN`, `INTERNAL_SERVER_ERROR`.
errorCode	string	Machine-readable error code. Use this value for branching logic in your client. See Section 4.
subErrorCode	integer	Category of the error: `1` business/validation, `2` unexpected server error, `6` wrong parameter type, `7` unreadable request body, `8` access denied.
message	string	Human-readable description.
subErrors	array or null	Reserved for field-level validation detail. Currently `null` on all EDI endpoints.

EXAMPLE

```
HTTP/1.1 400 Bad Request
Content-Type: application/json

{
  "status": "BAD_REQUEST",
  "errorCode": "INVALID_INPUT_DATA",
  "subErrorCode": 1,
  "message": "Invalid input data",
  "subErrors": null
}
```

3.3 Format C — status code only

Used by the **document submission endpoints** under `/edi/api/message/`. These endpoints return `200 OK` with an empty body when a document is accepted, and `400 Bad Request` with an empty body when it is not. No error code or message is included in the HTTP response.

> **IMPORTANT**
>
> A `200 OK` from a submission endpoint means the document was *accepted for processing*. Business validation (mandatory fields, trading-partner rules, duplicate checks) runs afterwards. The outcome of that validation is available through the Procurant document-monitoring screens and the document-monitoring endpoints in Section 5.3, and failures are also reported by email to the configured notification contacts.

If a submission returns `400`, the most common causes are:

- the JSON body does not match the expected structure for that endpoint,
- a required identifier (for example the document type code or sender reference) is missing, or
- the sending organization is not recognized or not configured for that document type.

The detailed reason is recorded in the Procurant processing log. Contact Procurant Support with the details in Section 7 if you cannot identify the cause.

3.4 Authentication failures

Authentication is enforced before the request reaches the EDI service. A missing, expired, or invalid token returns `401 Unauthorized` with a standard JSON body:

EXAMPLE

```
HTTP/1.1 401 Unauthorized
Content-Type: application/json

{ "timestamp": "2026-09-08T10:15:30.000+00:00", "status": 401,
  "error": "Unauthorized", "path": "/api/profile/doc-type" }
```

A valid token that lacks the permission required by a specific endpoint returns `403 Forbidden` in Format B with `errorCode` `ACCESS_DENIED`.

3.5 Language of error messages

Message text in the `Error` header and in the JSON `message` field is returned in the language preference of the authenticated user. Error **codes** never change. Where you need to act on a specific error programmatically, key your logic on the code, not the message text.

4 Error code reference

This section lists every error code the EDI API returns, grouped by category. The *HTTP* column also notes which format (Section 3) the error uses.

4.1 Request validation errors

The request was understood but its content is incomplete or invalid. Correct the request and resend. These errors are never transient.

ERROR CODE	HTTP	MESSAGE	WHAT IT MEANS AND WHAT TO DO
`DOC_TYPE_CODE_REQUIRED`	400 · A	Doctype code is required	One or more documents in a partner setup request has no `docTypeCode`. Supply a valid document type code for every document.
`DIRECTION_REQUIRED`	400 · A	Direction is required	One or more documents in a partner setup request has no `direction`. Set it to `INBOUND` or `OUTBOUND` for every document.
`BIZ_RULE_REQUIRED`	400 · A	At least one biz rule option should be selected.	Every document in a partner setup request must have at least one business rule in `bizRules`. Use the business-rules lookup endpoint (Section 5.3) to obtain valid options.
`TRIGGER_EVENTS_REQUIRED`	400 · A	At least one trigger event option should be selected.	Outbound documents must specify at least one trigger event in `triggerEvents`. Inbound documents do not require trigger events. Use the trigger-events lookup endpoint to obtain valid options.
`INVALID_INPUT_DATA`	400 · B	Invalid input data	A required field is missing. On the invoice document-status endpoint both `poId` and `buyerOrgId` must be present.

ERROR CODE	HTTP	MESSAGE	WHAT IT MEANS AND WHAT TO DO
`SERVICE_ERROR_NULL`	400 · A	Input is null	The request body was empty, or the `Authorization` header was not supplied to an endpoint that requires it explicitly. On the document-status update endpoints this code is also returned when the request content could not be applied; verify and retry.
`NOT_READABLE_ERROR`	400 · B	Bad JSON request	The request body is not valid JSON, is missing, or does not match the expected structure (for example a text value in a numeric field). Validate the payload against the API specification and confirm `Content-Type: application/json` is set.
`METHOD_ARGUMENT_TYPE_MISMATCH_ERROR`	400 · B	The parameter '<name>' of value '<value>' could not be converted to type '<type>'	A path parameter has the wrong type, most often a non-numeric value where an identifier such as `organizationId` or `messageId` is expected. Correct the URL.

4.2 Data availability

ERROR CODE	HTTP	MESSAGE	WHAT IT MEANS AND WHAT TO DO
`ERROR_NO_DATA_FOUND`	204 · A	No data found	The request was valid but no matching records exist. This is a normal outcome, not an error. Check the filter values (organization, document type, direction, date range) if you expected results.

4.3 Processing errors

The request was well formed but could not be completed. These may be caused by data conditions on the Procurant side or by a temporary issue. Retry once after a short delay; if the error persists, contact Procurant Support.

ERROR CODE	HTTP	MESSAGE	WHAT IT MEANS AND WHAT TO DO
`SERVICE_ERROR`	400 · A	Service Error:	A general processing failure. On the partner setup endpoints this is also returned when the `documents` list in the request is empty; make sure at least one document is included. For all other cases, retry once, then contact Support with the request details.
`SERVICE_ERROR_FETCH`	400 · A / 500 · B	Error while fetching data	The requested data (document XML, partner profile, invoice processing status) could not be retrieved. Confirm the identifiers in the request refer to existing records, then retry. On the invoice document-status endpoint this is returned as a 500 with a JSON body.
`COMMON_ERROR`	400 · A	Common Error	The attribute-to-document-type mapping could not be saved because of a data validation condition. Review the mapping values and resend. Contact Support if the cause is not apparent.
`INTERNAL_SERVER_ERROR`	500 · B	Internal Server Error. Please contact administrator for more information	An unexpected condition occurred. Retry once; if the problem persists, contact Support and include the timestamp and request details.

4.4 Access and authentication

ERROR CODE	HTTP	MESSAGE	WHAT IT MEANS AND WHAT TO DO
(none)	401	Unauthorized	No access token, or the token is expired or invalid. Obtain a new token from the Procurant authentication service and retry.
`ACCESS_DENIED`	403 · B	Access is denied	The authenticated user does not hold the permission the endpoint requires. For example, the invoice document-status endpoint requires the *Supplier Invoices (read)* permission. Ask your Procurant administrator to review the user's role.

5 Endpoint reference for suppliers

This section lists each endpoint with its success response and the errors it can return. All paths are shown relative to `https://<your-procurant-gateway>/edi`. Every endpoint can additionally return `401` (no valid token) and, for endpoints that accept a JSON body, `400 NOT_READABLE_ERROR` if the body is malformed.

SCOPE NOTE FOR SUPPLIERS

Not every endpoint below is necessarily expected to be called by every supplier. This guide inherits the full endpoint list from Procurant's internal EDI reference; the badges in Section 5.1 flag which endpoints Documents 3–5 of this series actually cover for suppliers (**ASN**, **Invoice**, and **Order Acknowledgment**), which ones may apply to you depending on your trading-partner setup, and which look oriented toward other categories of trading partner (retailers, 3PLs) rather than suppliers generally. Sections 5.2 and 5.3 include configuration and administrative endpoints that, in current production, are set up by Procurant's own implementation team rather than self-served — before building against anything in this section beyond the three covered document types, confirm with your Procurant integration contact which endpoints your integration is actually expected to call.

5.1 Document submission (inbound documents)

Base path: `/api/message`. All endpoints are `POST` with `Content-Type: application/json` and use response Format C (Section 3.3):

- **200 OK** Document accepted for processing. Empty body.
- **400 Bad Request** Document not accepted. Empty body; reason recorded in the Procurant processing log.

ENDPOINT	RELEVANCE	DOCUMENT
`POST /api/message/inbound`	COVERED IN THIS SERIES	Generic inbound payload. The `docTypeCode` field selects the document type: order receipt, order acknowledgement, order change, ASN, invoice, new order, item maintenance, demand, application advice, text message, payment remittance, or acknowledgement.
`POST /api/message/orderackin`	COVERED IN THIS SERIES	Purchase order acknowledgement — see Document 5.
`POST /api/message/asnin`	COVERED IN THIS SERIES	Advance ship notice — see Document 3.
`POST /api/message/invoicein`	COVERED IN THIS SERIES	Invoice — see Document 4.
`POST /api/message/receivingin`	CONFIRM BEFORE USE	Receiving confirmation against a purchase order.

ENDPOINT	RELEVANCE	DOCUMENT
`POST /api/message/itemin`	CONFIRM BEFORE USE	Item / catalogue maintenance.
`POST /api/message/orderchangein`	CONFIRM BEFORE USE	Purchase order change.
`POST /api/message/demandin`	CONFIRM BEFORE USE	Demand.
`POST /api/message/advicein`	CONFIRM BEFORE USE	Application advice.
`POST /api/message/textmessagein`	CONFIRM BEFORE USE	Text message.
`POST /api/message/acknowledgedin`	CONFIRM BEFORE USE	Document acknowledgement.
`POST /api/message/paymentremittancein`	CONFIRM BEFORE USE	Payment remittance.
`POST /api/message/loadconfirmin`	CONFIRM BEFORE USE	Load confirmation.
`POST /api/message/shipmenttrackingin`	CONFIRM BEFORE USE	Shipment tracking update.
`POST /api/message/storeorders_update`	LIKELY NOT FOR SUPPLIERS	Store order update.
`POST /api/message/storeorders_shipment`	LIKELY NOT FOR SUPPLIERS	Store order shipment.
`POST /api/message/demand_inventory`	LIKELY NOT FOR SUPPLIERS	Inventory position for demand planning.
`POST /api/message/supplierItemIn`	CONFIRM BEFORE USE	Supplier item / catalogue update.
`POST /api/message/demand_forecast`	LIKELY NOT FOR SUPPLIERS	Demand forecast.
`POST /api/message/dealsIn`	LIKELY NOT FOR SUPPLIERS	Deals.
`POST /api/message/promotionsIn`	LIKELY NOT FOR SUPPLIERS	Promotions.

5.2 Integration partner setup

Base path: `/api/setup`. Response Format A.

> **LIKELY PROCURANT-INTERNAL**
>
> In current production, trading-partner setup is performed by Procurant's own implementation team during onboarding (see Document 1) rather than self-served by suppliers through the API. Confirm with your integration contact whether your account is expected to call these directly before building against them.

ENDPOINT	SUCCESS	POSSIBLE ERRORS
`GET /api/setup/doc-type/{appCode}/{dataFlowDirection}`	200 list	204 `ERROR_NO_DATA_FOUND` 400 `SERVICE_ERROR`
`GET /api/setup/fetch-pending-doc-types/{organizationId}/{appCode}/{dataFlowDirection}`	200 list	204 `ERROR_NO_DATA_FOUND` 400 `SERVICE_ERROR` 400 `METHOD_ARGUMENT_TYPE_MISMATCH_ERROR`
`POST /api/setup/create-integration-partner`	201 "Success"	400 `DOC_TYPE_CODE_REQUIRED` 400 `DIRECTION_REQUIRED` 400 `BIZ_RULE_REQUIRED` 400 `TRIGGER_EVENTS_REQUIRED` 400 `SERVICE_ERROR` (includes empty `documents` list) 400 `SERVICE_ERROR_NULL`
`POST /api/setup/add-new-document-for-existing-org`	201 "Success"	Same as `create-integration-partner`
`GET /api/setup/fetch-partner-profile-info/{organizationId}/{appCode}/{dataFlowDirection}`	200 object	204 `ERROR_NO_DATA_FOUND` 400 `SERVICE_ERROR_FETCH` 400 `METHOD_ARGUMENT_TYPE_MISMATCH_ERROR`

Validation on the two `POST` endpoints stops at the first problem found across all documents in the request, in the order: document type code, direction, business rules, trigger events. Fix the reported problem and resend; a further validation error may then be reported.

5.3 Profile, lookups, and document monitoring

Base path: `/api/profile`. Response Format A unless stated.

Likely useful for suppliers — looking up valid values, and checking on documents you've submitted:

ENDPOINT	SUCCESS	NOTES
`GET /api/profile/bussiness-rules/{documentType}/{direction}/{ruleType}`	200 list	Look up valid business-rule options.
`GET /api/profile/doc-type`	200 list	Look up valid document-type codes.
`GET /api/profile/trigger-events/{documentType}/{dataFlowDirection}`	200 list	Look up valid trigger-event options.
`POST /api/profile/fetch-document-status` / `-dm`	200 list	Check the processing status of documents you've submitted.
`POST /api/profile/fetch-document-header-info` / `-dm`	200 page	Check header-level detail of documents you've submitted.

ENDPOINT	SUCCESS	NOTES
`GET /api/profile/fetch-document-XML-info/{xmlType}/{messageId}`	200 object	Retrieve the raw payload of a document you've submitted, by message ID.
`POST /api/profile/fetch-document-XML-info`	200 object	Same, by search criteria.
`POST /api/profile/fetch-document-details-info` / `fetch-document-info`	200 list	Additional document detail and search.
`POST /api/profile/download-document-csvFormat`	200 file	Export your submitted documents to CSV.
`POST /api/profile/invoice-doc-process-status`	200 object	Check invoice processing status. Requires *Supplier Invoices (read)* permission.

LIKELY PROCURANT-INTERNAL / ADMINISTRATIVE

The endpoints below configure partner profiles, document-type mappings, and organization directories rather than checking on your own submissions. Confirm with your integration contact whether your account is expected to call these before building against them.

ENDPOINT	SUCCESS	NOTES
`POST /api/profile/fetch-partner-profile-list`	200 page	List configured trading-partner profiles.
`GET /api/profile/getOrganizationsByAppCode/{roleCode}`	200 list	Directory lookup of organizations by role.
`GET /api/profile/getOrgCustomerList`	200 list	Directory lookup of customer organizations.
`GET /api/profile/fetch-document-type-by-partner/{organizationId}`	200 list	Document types configured for a partner.
`GET /api/profile/fetch-document-type-biz-rule-by-partner/{organizationId}`	200 list	Business rules configured for a partner.
`PUT /api/profile/update`	200 text	Update partner/document-type configuration.
`PUT /api/profile/allReprocess`	200 text	Trigger reprocessing of documents.
`GET /api/profile/getCompanyBy-appCode/{roleCode}`	200 list	Directory lookup of companies by role.
`POST /api/profile/save-attr-docType-map`	201 object	Save an attribute-to-document-type mapping.

6 Sample error responses

No matching data (Format A, success class)

```
GET /edi/api/setup/doc-type/BUYER/INBOUND
Authorization: Bearer eyJ...

HTTP/1.1 204 No Content
Error: No data found
```

Partner setup validation failure (Format A)

```
POST /edi/api/setup/create-integration-partner
Authorization: Bearer eyJ...
Content-Type: application/json

{ "organizationId": 42, "roleCode": "SUPPLIER",
  "documents": [ { "docTypeCode": "INVOICE", "direction": "" } ] }

HTTP/1.1 400 Bad Request
Error: Direction is required
Content-Type: text/plain

Direction is required
```

General processing failure (Format A)

```
GET /edi/api/profile/getOrgCustomerList
Authorization: Bearer eyJ...

HTTP/1.1 400 Bad Request
Error: Service Error:
Content-Type: application/json

null
```

Missing required field (Format B)

```
POST /edi/api/profile/invoice-doc-process-status
Authorization: Bearer eyJ...
Content-Type: application/json

{ "poId": null, "buyerOrgId": 7 }

HTTP/1.1 400 Bad Request
Content-Type: application/json

{
  "status": "BAD_REQUEST",
  "errorCode": "INVALID_INPUT_DATA",
  "subErrorCode": 1,
  "message": "Invalid input data",
```

```
  "subErrors": null
}
```

Insufficient permission (Format B)

```
HTTP/1.1 403 Forbidden
Content-Type: application/json

{
  "status": "FORBIDDEN",
  "errorCode": "ACCESS_DENIED",
  "subErrorCode": 8,
  "message": "Access is denied",
  "subErrors": null
}
```

Malformed JSON body (Format B, any endpoint with a body)

```
POST /edi/api/message/inbound
Content-Type: application/json

{ "docTypeCode": "INVOICE", "createdOn": 2026-09-08 }

HTTP/1.1 400 Bad Request
Content-Type: application/json

{
  "status": "BAD_REQUEST",
  "errorCode": "NOT_READABLE_ERROR",
  "subErrorCode": 7,
  "message": "Bad JSON request",
  "subErrors": null
}
```

Document not accepted (Format C)

```
POST /edi/api/message/invoicein
Authorization: Bearer eyJ...
Content-Type: application/json

{ ...valid JSON, but the sender is not configured for invoices... }

HTTP/1.1 400 Bad Request
Content-Length: 0
```

Missing or expired token

```
GET /edi/api/profile/doc-type

HTTP/1.1 401 Unauthorized
Content-Type: application/json
```

```
{ "timestamp": "2026-09-08T10:15:30.000+00:00", "status": 401,
  "error": "Unauthorized", "path": "/api/profile/doc-type" }
```


7 Troubleshooting and contacting support

7.1 Before you contact support

1. **Check the status code class.** A `204` is not a failure. A `401` or `403` is an access problem on your side or in your Procurant user setup, not a document problem.
2. **Read the `Error` header and the JSON body.** Match the code against Section 4 and apply the recommended action.
3. **Validate your JSON.** A `NOT_READABLE_ERROR` is almost always a syntax or data-type problem in the payload.
4. **Confirm your configuration.** For document submission, confirm that your organization is set up for that document type and direction using the partner profile endpoints in Section 5.2.
5. **Retry once** for `SERVICE_ERROR`, `SERVICE_ERROR_FETCH`, and `500` responses. Do not retry validation errors without correcting the request.
6. **Check document monitoring** for submissions that returned `200` but did not appear in Procurant. The business-validation outcome is recorded there.

7.2 Information to include in a support request

ITEM	DETAIL
Timestamp	Date and time of the request, with time zone (UTC preferred).
Endpoint	Full URL including the `/edi` prefix, and the HTTP method.
Response	HTTP status code, the `Error` header value, and the full response body.
Request	The request body with any sensitive values masked. For document submissions, include the document reference (order number, invoice number, message ID) and the `docTypeCode`.
Organization	Your Procurant organization ID and the trading partner involved.
Account DUNS	The DUNS number for your Procurant account — helps Support locate your trading-partner record without ambiguity.
Frequency	Whether the error occurs on every call, intermittently, or once.

NOTE

Do not include access tokens or credentials in support requests. Procurant Support can trace your request from the timestamp, endpoint, organization ID, and account DUNS.

A Appendix A. Error code index

Alphabetical index of every error code returned by the EDI API, with the section where it is described.

ERROR CODE	HTTP STATUS	FORMAT	CATEGORY / SECTION
ACCESS_DENIED	403	B	Access and authentication · 4.4
BIZ_RULE_REQUIRED	400	A	Request validation · 4.1
COMMON_ERROR	400	A	Processing · 4.3
DIRECTION_REQUIRED	400	A	Request validation · 4.1
DOC_TYPE_CODE_REQUIRED	400	A	Request validation · 4.1
ERROR_NO_DATA_FOUND	204	A	Data availability · 4.2
INTERNAL_SERVER_ERROR	500	B	Processing · 4.3
INVALID_INPUT_DATA	400	B	Request validation · 4.1
METHOD_ARGUMENT_TYPE_MISMATCH_ERROR	400	B	Request validation · 4.1
NOT_READABLE_ERROR	400	B	Request validation · 4.1
SERVICE_ERROR	400	A	Processing · 4.3
SERVICE_ERROR_FETCH	400 / 500	A / B	Processing · 4.3
SERVICE_ERROR_NULL	400	A	Request validation · 4.1
TRIGGER_EVENTS_REQUIRED	400	A	Request validation · 4.1

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