PROCURANT

PROCURANT SUPPLIER API DOCUMENTATION

Invoice API Specification

How to bill a buyer for a shipped or received order — including the payment-term and legal-disclosure fields that make an invoice payable, not just parseable.

How to read this document

API REQUIREMENT **API Requirement** — enforced by the service itself. Miss it and the call is rejected.

BUSINESS REQUIREMENT **Business Requirement** — needed for the transaction to be correct, compliant, or usable downstream, even though the API may technically accept the call without it.

CONDITIONAL **Conditional** — required only when a related field is present, or one of a small group of fields is required (see Section 6).

OPTIONAL **Optional** — safe to omit; include it when you have the data.

Contents

1 What this API does

Call this endpoint to bill a buyer for a purchase order, once it has shipped or been received. This is the Invoice step in the order flow described in Document 1 — the last of the three documents you submit to Procurant.

Buyer issues PO → **You send Order Ack** → **You ship & send ASN** → **You send Invoice ← you are here**

2 Quick reference

Description	Submits an invoice for a purchase order.

REST Method	POST
URL pattern	`http://{edi-service-url}/api/message/invoicein`
Test environment	`https://test.procurant.io/edi/api/message/invoicein`
Request header	`Authorization: Bearer <JWT TOKEN>` — see Document 1
Request body	JSON object (see Sections 4–5)

3 The location block pattern

Eight roles — `buyer`, `delivery`, `supplier`, `shipFrom`, `crossDock`, `carrier`, `billTo`, `remitTo` — use the same suffixed-field pattern as the Purchase Order (Document 2) and ASN (Document 3). `billTo` and `remitTo` matter most here: they determine who gets billed and where payment should be sent.

FIELD	TYPE	REQUIREMENT	DESCRIPTION
Duns	string	CONDITIONAL	DUNS number for this role. Required (with `Code` as the alternative) for `buyer`, `delivery`, `supplier`, `billTo`, and `remitTo` — see Section 6.
Code	string	CONDITIONAL	Procurant/EDI-assigned code for this role. Interchangeable with `Duns`.
Location / Name	string	BUSINESS REQUIREMENT	Human-readable facility or company name.
Address / Phone / City / StateCode / CountryCode / ZipCode	string	OPTIONAL	Postal address and phone detail for this role.

4 Invoice & payment-term header fields

Location-block fields (`buyer`, `billTo`, `remitTo`, etc.) follow the pattern in Section 3 and aren't repeated below.

ORDER & INVOICE IDENTIFICATION

FIELD	TYPE	REQUIREMENT	DESCRIPTION
poNumber	string	API REQUIREMENT	The purchase order being invoiced.
soNumber	string	BUSINESS REQUIREMENT	Your sales order number.

FIELD	TYPE	REQUIREMENT	DESCRIPTION
status / subStatus	string	API REQUIREMENT	Must be `"Shipped"` or `"Received"` — see the callout below on how this ties to payment terms.
invoiceNumber	string	API REQUIREMENT	Your invoice number. Your primary key for this document.
invoiceStatus	string	API REQUIREMENT	Must be `"Invoiced"`.
invoiceCreatedDate	string	BUSINESS REQUIREMENT	When you created the invoice.
invoiceNotes	string	OPTIONAL	Free-text notes on the invoice.

DATES & ROUTING

FIELD	TYPE	REQUIREMENT	DESCRIPTION
shipDate / deliveryDate	string	BUSINESS REQUIREMENT	Ship and delivery dates for the underlying order.
routing	string	BUSINESS REQUIREMENT	Shipping/incoterm method: `"FOB Carrier"`, `"Delivered"`, or `"Backhaul"`.

PAYMENT TERMS

FIELD	TYPE	REQUIREMENT	DESCRIPTION
paymentTermName	string	BUSINESS REQUIREMENT	Human-readable payment term, e.g. `"Net 30"`.
paymentNetDays	integer	BUSINESS REQUIREMENT	Number of days until payment is due.
paymentNetDaysFrom	string	BUSINESS REQUIREMENT	Which date the countdown starts from — a code, not a day count. See the callout below.
paymentDueDate	string	BUSINESS REQUIREMENT	Computed due date. Keep consistent with `paymentNetDays`/`paymentNetDaysFrom`.
paymentPercentDiscount / paymentDiscountAmount / paymentDiscountDays / paymentDiscountDueDate	number / string	OPTIONAL	Early-payment discount terms, when offered.

LEGAL / STATEMENT TEXT

FIELD	TYPE	REQUIREMENT	DESCRIPTION
stmtTitle / stmtContent	string	BUSINESS REQUIREMENT	Statement heading and body — e.g. a PACA trust notice. See the callout below; production samples use a differently-named `statement` field for this text.

RELATED ARRAYS

FIELD	TYPE	REQUIREMENT	DESCRIPTION
charges	array	CONDITIONAL	Header-level allowances/charges. `chargeCode` is required only if a charge is given.
comments	array	OPTIONAL	Free-text notes: `[{"comment": string}]`. Each comment string is limited to 254 characters.

HOW STATUS AND PAYMENTNETDAYSFROM WORK TOGETHER

Whether you invoice off the ship date or the confirmed receipt date is a business decision, and two fields need to agree on it:

- `status/subStatus = "Shipped"` pairs with `paymentNetDaysFrom = "1"` (count from ship date).
- `status/subStatus = "Received"` pairs with `paymentNetDaysFrom = "15"` (count from receipt date).
- `paymentNetDaysFrom = "3"` counts from `invoiceCreatedDate` and can pair with either status.

The API accepts any combination — getting it wrong won't reject the call, but it will compute the wrong due date and can delay payment.

PACA TRUST STATEMENT

Invoices for perishable agricultural commodities typically carry a statutory trust notice under the Perishable Agricultural Commodities Act (7 U.S.C. §499e(c)). A representative version, drawn from current production data:

"The perishable agricultural commodities listed on this invoice are sold subject to the statutory trust authorized by section 5(c) of the Perishable Agricultural Commodities Act, 1930 (7 U.S.C. 499e(c)). The seller of these commodities retains a trust claim over these commodities, all inventories of food or other products derived from these commodities, and any receivables or proceeds from the sale of these commodities until full payment is received."

This is a legal/business requirement, not something the API validates the wording of — confirm the exact required text with your legal or finance team rather than copying the excerpt above verbatim.

NAMING DISCREPANCY TO VERIFY

The field list in the previous version of this document (and this one) documents `stmtTitle/stmtContent`, but a working production sample invoice carries this same legal text under a field literally named `statement` instead. Confirm which name your environment actually expects with your Procurant integration contact before you build against either.

5 Line item fields

Each entry in `purchaseOrderLines` describes one invoiced item.

PRODUCT IDENTIFIERS

FIELD	TYPE	REQUIREMENT	DESCRIPTION
buyerProductCode	string	CONDITIONAL	Either this or `supplierProductCode` is required — see Section 6.
supplierProductCode	string	CONDITIONAL	Either this or `buyerProductCode` is required — see Section 6.
buyerProductGtin / supplierProductGtin	string	OPTIONAL	Standard product identifiers, when available.
buyerProductUPC / supplierProductUPC	string	OPTIONAL	Standard product identifiers, when available.
buyerProductPackType	string	BUSINESS REQUIREMENT	Pack/case type invoiced.

QUANTITY & PRICING

FIELD	TYPE	REQUIREMENT	DESCRIPTION
quantity	integer	BUSINESS REQUIREMENT	Original quantity ordered, for reference.
invoicedQuantity	integer	API REQUIREMENT	The quantity you're actually billing for on this line — the core number of the invoice.
unitPrice	number	API REQUIREMENT	Price per unit being billed.
finalPrice	number	OPTIONAL	Computed/reconciled price, when applicable.
priceByUOM	string	OPTIONAL	Pricing unit convention, e.g. `PACKTYPE`.

PHYSICAL & LOGISTICS

FIELD	TYPE	REQUIREMENT	DESCRIPTION
grossWeight / netWeight / itemWeight / weightUOM	number / string	OPTIONAL	Weight specs, when relevant to pricing or freight.
length / width / height / dimensionUom	number / string	OPTIONAL	Case dimensions, when provided.
loadFreight	number	OPTIONAL	Freight amount allocated to this line.

TRACEABILITY & COMPLIANCE

FIELD	TYPE	REQUIREMENT	DESCRIPTION
bioengineered	string ("Yes"/"No")	BUSINESS REQUIREMENT	Bioengineered-food disclosure, carried through from the product master.
harvestDate / lotNumber	string	CONDITIONAL	Include when the underlying ASN carried lot/traceability detail for this line.

RELATED ARRAYS

FIELD	TYPE	REQUIREMENT	DESCRIPTION
charges	array	CONDITIONAL	Line-level allowances/charges. Same shape as header `charges`.
comments	array	OPTIONAL	Free-text notes tied to this line. Each comment string is limited to 254 characters.

charges (header and line level)

FIELD	TYPE	REQUIREMENT	DESCRIPTION
chargeCode	string	CONDITIONAL	Only mandatory if charge information is given.
chargeName	string	BUSINESS REQUIREMENT	Human-readable charge description.
chargeAmount	number	BUSINESS REQUIREMENT	Amount of the charge (negative for allowances/discounts).

FIELD	TYPE	REQUIREMENT	DESCRIPTION
chargeTypeCode / prorateByCode / applyByCode	string	OPTIONAL	Classification and proration rules for the charge.
thirdPartyCode / thirdPartyFlag	string / boolean	OPTIONAL	Whether a third party is responsible for the charge.
includedInLC	boolean	OPTIONAL	Whether the charge is already included in the line's contract price.

6 Conditional field rules

These pairs are each "one of the two is required" — the API rejects the request if neither is present:

PROVIDE AT LEAST ONE OF...	IDENTIFIES...
`buyerProductCode` or `supplierProductCode`	The product on each line.
`buyerDuns` or `buyerCode`	The buyer.
`deliveryDuns` or `deliveryCode`	The delivery location.
`supplierDuns` or `supplierCode`	You, the supplier.
`billToDuns` or `billToCode`	Who should be billed.
`remitToDuns` or `remitToCode`	Where payment should be sent.

API REQUIREMENT

`chargeCode` is required only when a `charges` entry is present.

7 Business rules & compliance

GETTING PAID ON TIME

The most common source of payment delay is a mismatch between `status/subStatus`, `paymentNetDaysFrom`, and `paymentDueDate` (Section 4). None of these are cross-validated by the API — a well-formed but internally inconsistent invoice will be accepted and then dispute or delay downstream.

BIOENGINEERED DISCLOSURE

As with the ASN (Document 3), `bioengineered` reflects a federal food-labeling disclosure. Carry it through from your product master rather than defaulting it.

LOCATION IDENTIFIERS

`Duns/Code` values — especially `billTo` and `remitTo` — must match your trading-partner setup in Procurant. A mismatch here risks the invoice being billed to, or paid to, the wrong party even though the JSON is valid.

8 Sample request

SAMPLE INVOICE REQUEST BODY (TRIMMED)


```
{
  "poNumber": "4733404R",
  "routing": "FOB Carrier",
  "soNumber": "1215068",
  "deliveryDate": "2026-08-28T00:00:00.000+0000",
  "shipDate": "2026-08-26T00:00:00.000+0000",
  "deliveryLocation": "US Foodsrvc 4R Reno NV",
  "deliveryDuns": "959764242",
  "shipFromDuns": "0556359400003",
  "supplierDuns": "055635940",
  "buyerDuns": "795140433",
  "billToDuns": "795140433",
  "remitToDuns": "0556359400",
  "invoiceNumber": "1246157",
  "invoiceStatus": "Invoiced",
  "status": "Shipped",
  "subStatus": "Shipped",
  "paymentTermName": "10 Days",
  "paymentNetDays": 10,
  "paymentNetDaysFrom": "1",
  "invoiceCreatedDate": "2026-08-31T00:00:00.000+0000",
  "purchaseOrderLines": [
    {
      "buyerProductCode": "3618741",
      "buyerProductPackType": "CA",
      "quantity": 60,
      "invoicedQuantity": 60,
      "unitPrice": 67.95,
      "bioengineered": "No"
    }
  ],
  "comments": []
}
```

9 Fields seen in production, not yet in this spec

Current production invoice records include several header-level flags not covered in the previous version of this specification — consistent with what Documents 2 and 3 found for the PO and ASN schemas.

FIELD	NOTE
statement	Carries the legal/PACA statement text in production samples — see the naming discrepancy callout in Section 4.
docRevision / version	Revision counters, consistent with the other document types.
totalBuyerAmount / totalSupplierAmount / totalLineWeight / totLoadFreight / buyerTotFreight / supplierTotFeight / buyerTotHeaderChg / supplierTotHeaderChg / buyerTotLineChg / supplierTotLineChg	Roll-up totals, consistent with the other document types.
receivingBRRuleEnabled / suppressSupplierTrigger / sendCommissionQty / sendGrowingRegionPMA / sendNonSSCC / sendShipFromDuns / sendShipToDuns	Account-level configuration flags rather than per-invoice data.
addItemBR / deliveryDateModFlag	Internal business-rule/change flags, consistent with the other document types.

RECOMMENDED NEXT STEP

These fields were identified by comparing this specification against current production sample data, not against Procurant's internal API contract. Confirm with your Procurant engineering/integration contact before building logic that depends on them.