



BPC Invoice Status Request Profile Version 1.0

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Business Payments Coalition



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2 Introduction

2.1 Scope

This document specifies the syntax and semantic structure of the Invoice Status Request document type of the BPC Exchange Framework. The Invoice Status Request is a business level message used for the invoice sender (Corner 1) to request the processing status of a specific invoice from the recipient (Corner 4).

2.2 Conformance

The keywords 'MUST', 'MUST NOT', 'REQUIRED', 'SHALL', 'SHALL NOT', 'SHOULD', 'SHOULD NOT', 'RECOMMENDED', 'MAY', and 'OPTIONAL' in this specification are to be interpreted as described in RFC2119 and RFC 8174 when, and only when, they appear in all capitals, as shown here.

2.3 Terms and Definitions

For the purpose of this specification, all terms shall have the definitions defined in section 2.3 of the E-invoice Exchange Framework – Approach to Managing a Federated Registry Services Model in a Four-Corner Network report found here:

<https://businesspaymentscoalition.org/wp-content/uploads/bpc-e-delivery-network-validation-exercise-2020.pdf>

2.4 Normative status

This document is the sole normative specification of a Invoice Status Request message in the BPC Exchange Framework. All Access Points implementing Invoice Status Request messages MUST conform to this document.

All contents of this document, except for the provided examples, is normative, unless otherwise specified. All examples provided are non-normative, unless otherwise specified.

Any supporting artefacts developed in relation to this document are non-normative, unless explicitly referenced from this document as being normative. In case of discrepancies between this document and any supporting or related artefact, this document contains the normative information.



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3 General Use

3.1 Business Document Type Identifier

The following identifier has been created using the bdx-docid-qns scheme and in accordance with BPC Identifier Policy, and MUST be used when referencing this Invoice Status Request profile:

```
urn:oasis:names:specification:ubl:schema:xsd:DocumentStatusRequest-2::DocumentStatusRequest##bpc-1.0-invoicestatusrequest
```

All implementations and uses of the Invoice Status Request within the BPC Exchange Framework using the above identifier MUST be conformant with this document. All representations of the Invoice Status Request identifier MUST be in accordance with the BPC Identifier Policy.

3.2 Encoding

Invoice Status Request documents MUST be UTF-8 encoded.

4 Data Model

4.1 Use of OASIS UBL 2.3

The BPC Exchange Framework's Invoice Status Request message is a profile of the Document Status Request document type specified in the OASIS UBL 2.3 specification:

<https://docs.oasis-open.org/ubl/os-UBL-2.3/UBL-2.3.html>

All Invoice Status Request messages sent through the BPC Exchange Framework MUST conform to all conformance clauses in section 6.1 of the above specification.

4.2 Data Model

The table below defines the normative data model for the Invoice Status Request message. A sender MAY include additional elements and attributes; however, they MUST NOT require that a receiver be capable of understanding them.

Element or attribute	Cardinality	Definition and use
DocumentStatusRequest	1..1	Root element of the Invoice Status Request.



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L UBLVersionID	1..1	The version of UBL being used. MUST be set to exactly 2.3.
L CustomizationID	1..1	The Business Document Type identifying the type and version of the Invoice Status Request being sent. MUST conform to section of this document.
L ID	1..1	An identifier assigned by the Sender Party for the Invoice Status Request. The combination of Sender Party and ID MUST be unique.
L IssueDate	1..1	The date the Invoice Status Request was created. MUST be in ISO 8601 format.
L IssueTime	0..1	The OPTIONAL time of day the Invoice Status Request was created. MUST be presented in UTC time zone and MUST be in ISO 8601 format.
L Note	0..1	An OPTIONAL human readable note.
L RequestedDocumentReference	1..1	Contains information that references the business document for which the status is being requested. The Invoice Status Request MUST be unambiguously referencing the business document message for which it is requesting the status, and therefore MUST contain exactly one document reference.
L L ID	1..1	The identifier if the document being referenced.
L L IssueDate	0..1	The OPTIONAL date that the referenced business document was issued, that it may help the receiver of the Invoice Status Request identifying the document.
L L IssueTime	0..1	The OPTIONAL time that the referenced business document was issued, that it may help the receiver of the Invoice Status Request identifying the document.
L L VersionID	0..1	An OPTIONAL identifier of a specific version of the referenced document, for example if an original document has been corrected.
L SenderParty	1..1	The party <i>sending</i> the Invoice Status Request. This MUST always be the same party that received the referenced business document (i.e., Corner 4).
L L PartyIdentification	1..1	Identification of the Sender Party.
L L L ID	1..1	The Business Identifier used to identify the Sender Party in the network, as specified in the BPC Identifier Policy.



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LLL ID/@schemeID	1..1	The identifier of the scheme used to issue the Sender Party's Business Identifier, as specified in the BPC Identifier Policy.
L ReceiverParty	1..1	The party <i>receiving</i> the Invoice Status Request. This MUST always be the same party that sent the referenced business document (i.e., Corner 1).
LL PartyIdentification	1..1	Identification of the Receiver Party.
LLL ID	1..1	The Business Identifier used to identify the Receiver Party in the network, as specified in the BPC Identifier Policy.
LLL ID/@schemeID	1..1	The identifier of the scheme used to issue the Receiver Party's Business Identifier, as specified in the BPC Identifier Policy.

5 Appendix A: Example (non-normative)

```

<?xml version="1.0" encoding="UTF-8"?>
<DocumentStatusRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="urn:oasis:names:specification:ubl:schema:xsd:DocumentStatusRequest-2"
xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"
xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2">
  <cbc:UBLVersionID>2.3</cbc:UBLVersionID>
  <cbc:CustomizationID>urn:oasis:names:specification:ubl:schema:xsd:DocumentStatusRequest-2::DocumentStatusRequest#bpc-1.0- invoicestatusrequest</cbc:CustomizationID>
  <cbc:ID>INVOICE-00022-STATUS-REQUEST-001</cbc:ID>
  <cbc:IssueDate>2022-10-17</cbc:IssueDate>
  <cbc:IssueTime>15:47:00Z</cbc:IssueTime>
  <cbc:Note languageID="en">This is an example Invoice Status Request document</cbc:Note>
  <cac:RequestedDocumentReference>
    <cbc:ID>INVOICE-00022</cbc:ID>
    <cbc:IssueDate>2022-09-10</cbc:IssueDate>
    <cbc:IssueTime>10:11:12Z</cbc:IssueTime>
    <cbc:VersionID>1</cbc:VersionID>
  </cac:RequestedDocumentReference>
  <cac:SenderParty>
    <cac:PartyIdentification>
      <cbc:ID schemeID="DUNS">123456789</cbc:ID>
    </cac:PartyIdentification>
  </cac:SenderParty>
  <cac:ReceiverParty>
    <cac:PartyIdentification>
      <cbc:ID schemeID="EIN">987654321</cbc:ID>
    </cac:PartyIdentification>
  </cac:ReceiverParty>
</DocumentStatusRequest>

```