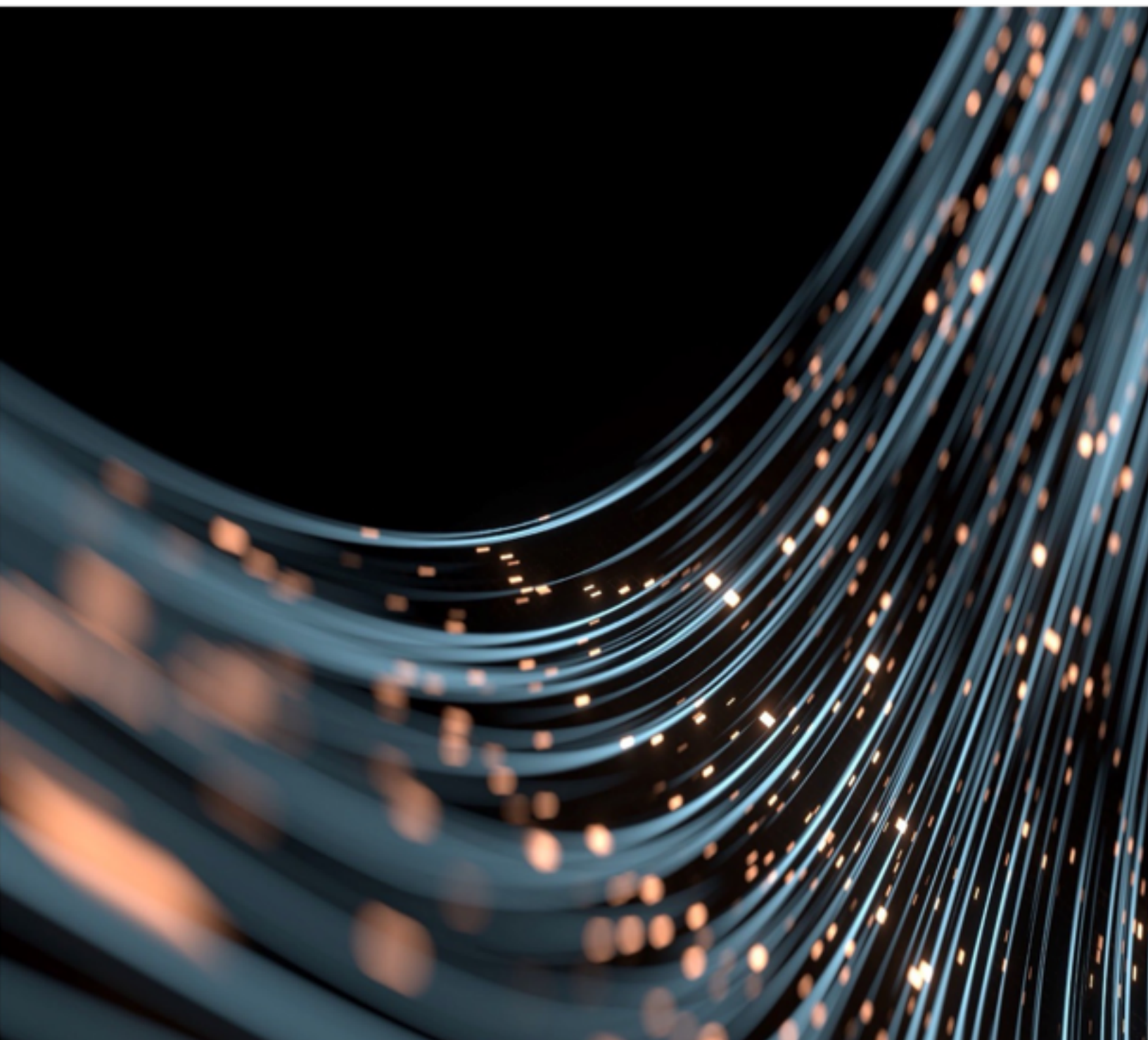


Receipt Acknowledgement Profile

Version 1.0

July 2023



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2 Version History

Revision date	Version	Change description	Editor
07/20/2023	1.0	Initial version	BPC Market Pilot Technical Committee

3 Introduction

3.1 Scope

This document specifies the syntax and semantic structure of the Receipt Acknowledgement document type of the DBNAlliance exchange framework. The Receipt Acknowledgement is a business level response message used to signal that a business document has been received by its final recipient (Corner 4).

3.2 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.

3.3 Terms and Definitions

For the purpose of this specification, all terms shall have the definitions defined in the document Terms and Definitions of the DBNAlliance version 1.0.

3.4 Disclaimers and Copyright

Views expressed here are not necessarily those of, and should not be attributed to, any particular DBNAlliance participant or organization. They are not intended to provide business or legal advice, nor are they intended to promote or advocate a specific action, payment strategy, or product. Readers should consult with their own business and legal advisors.

This specification is the work product of the DBNAlliance, and readers are free to republish this specification in whole or in part without further permission, as long as the work is attributed to the DBNAlliance, and in no way suggests the DBNAlliance sponsors, endorses or recommends any organization or its services or products. Other product names and company names referenced within this document may be either trademarks or service marks of their respective owners.

3.5 Normative Status

This document is the sole normative specification of a Receipt Acknowledgement message in the DBNAlliance exchange framework. All Access Points implementing Receipt Acknowledgement 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.

4 General Use

4.1 Business Document Type Identifier

The following identifier has been created using the `bdx-docid-qns` scheme and in accordance with the DBNAlliance Policy for Using Identifiers, and **MUST** be used when referencing this Receipt Acknowledgement profile:

```
urn:oasis:names:specification:ubl:schema:xsd:ApplicationResponse-  
2::ApplicationResponse##dbnalliance-1.0-receiptacknowledgement
```

All implementations and uses of the Receipt Acknowledgement within the DBNAlliance exchange framework using the above identifier **MUST** be conformant with this document. All representations of the Receipt Acknowledgement identifier **MUST** be in accordance with the DBNAlliance Policy for Using Identifiers.

4.2 Encoding

Receipt Acknowledgement documents **MUST** be UTF-8 encoded.

5 Data Model

5.1 Use of OASIS UBL 2.3

The DBNAlliance exchange framework's Receipt Acknowledgement message is a profile of the Application Response 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 Receipt Acknowledgement messages sent through the DBNAlliance exchange framework **MUST** conform to all conformance clauses in section 6.1 of the above specification.

5.2 Data model

The table below defines the normative data model for the Receipt Acknowledgement 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
DocumentStatus	1..1	Root element of the Receipt Acknowledgement.
└ UBLVersionID	1..1	The version of UBL being used. MUST be set to exactly 2.3.
└ CustomizationID	1..1	The Business Document Type identifying the type and version of the Receipt Acknowledgement being sent. MUST conform to section 4.1 of this document.
└ ID	1..1	An identifier assigned by the Sender Party for the Receipt Acknowledgement. The combination of Sender Party and ID MUST be unique.

Element or attribute	Cardinality	Definition and use
^L IssueDate	1..1	The date the Receipt Acknowledgement was created. MUST be in ISO 8601 format.
^L IssueTime	0..1	The OPTIONAL time of day the Receipt Acknowledgement 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 SenderParty	1..1	The party <i>sending</i> the Receipt Acknowledgement. This MUST always be the same party that received the referenced business document (i.e., Corner 4).
^{LL} PartyIdentification	1..1	Identification of the Sender Party.
^{LLL} ID	1..1	The Business Identifier used to identify the Sender Party in the network, as specified in the DBNAlliance Policy for Using Identifiers.
^{LLL} ID/@schemeID	1..1	The identifier of the scheme used to issue the Sender Party's Business Identifier, as specified in the DBNAlliance Policy for Using Identifiers.
^L ReceiverParty	1..1	The party receiving the Receipt Acknowledgement. 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 DBNAlliance Policy for Using Identifiers.
^{LLL} ID/@schemeID	1..1	The identifier of the scheme used to issue the Receiver Party's Business Identifier, as specified in the DBNAlliance Policy for Using Identifiers.
^L DocumentResponse	1..1	The response to the referenced business document. The Document Response message MUST NOT have other meanings than just acknowledging the receipt of the business document. Consequently, there MUST always be exactly one document response.
^{LL} Response	1..1	The specific response.
^{LLL} ResponseCode	1..1	A code signifying the type of response. The code MUST be exactly RECEIVED , signifying that the business document has been received.
^{LL} DocumentReference	1..1	Contains information that references the business document that was received. The Document Response MUST be unambiguously referencing the business document message that it is responding to, and therefore MUST contain exactly one document reference.
^{LLL} ID	1..1	The identifier of the document being referenced.
^{LLL} IssueDate	0..1	The OPTIONAL date that the referenced business document was issued, that it may help the receiver of the Document Response identifying the document.
^{LLL} IssueTime	0..1	The OPTIONAL time that the referenced business document was issued, that it may help the receiver of the Document Response identifying the document.
^{LLL} VersionID	0..1	An OPTIONAL identifier of a specific version of the referenced document, for example if an original document has been corrected.

Appendix A: Example (non-normative)

```
<?xml version="1.0" encoding="UTF-8"?>
<DocumentStatus xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="urn:oasis:names:specification:ubl:schema:xsd:DocumentStatus-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:DocumentStatus-
2::DocumentStatus##dbnalliance-1.0-receipt-acknowledgement</cbc:CustomizationID>
  <cbc:ID>example-receipt-acknowledgement-1234</cbc:ID>
  <cbc:IssueDate>2022-07-25</cbc:IssueDate>
  <cbc:IssueTime>10:00:00Z</cbc:IssueTime>
  <cbc:Note>We acknowledge having received your invoice number xxxx</cbc:Note>
  <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>
  <cac:DocumentResponse>
    <cac:Response>
      <cbc:ResponseCode>RECEIVED</cbc:ResponseCode>
    </cac:Response>
    <cac:DocumentReference>
      <cbc:ID>invoice-2022-00011</cbc:ID>
      <cbc:IssueDate>2022-06-26</cbc:IssueDate>
    </cac:DocumentReference>
  </cac:DocumentResponse>
</DocumentStatus>
```