

eDelivery CMB status update

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Summary

1. Structured and transparent CMB
2. AS2 profile v2
 - SHA256, RFC7230-7235, port numbers
3. Policy for use of identifiers
 - v.3.2 for BIS 2
 - v.4 for BIS 3
4. Business Message Envelope 1.2
 - Additional attributes allowed, non xml-payloads
5. Transport Security Policy 1.0
6. Codelist v.4

<https://github.com/OpenPEPPOL/documentation/tree/master/TransportInfrastructure>

Business Message envelope 1.2

The PEPPOL Message Envelope is a customization of the UN/CEFACT Standard Business Document Header 3 (SBDH) [SBDH]. Version 1.2 of the SDBH was needed in order to Enable non-xml payloads such as

- Base64 binary payloads (e.g. encrypted payload like Tender)
- Text based but non XML-formatted payloads like EDIFACT

The specification was released to production on February 5th and can be located at

<https://peppol.eu/release-of-business-envelope-1-2-and-policy-for-use-of-identifiers-3-2-for-bis-v-2/>

Business Message envelope 1.2

Binary content

```
<?xml version="1.0" encoding="iso-8859-1"?>
<StandardBusinessDocument xmlns="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader">
<StandardBusinessDocumentHeader>
  ...
</StandardBusinessDocumentHeader>
<BinaryContent xmlns="http://peppol.eu/xsd/ticc/envelope/1.0" mimeType="application/vnd.etsi.asic-e+zip" encoding="UTF-8">
ABCD45678922 ...
</BinaryContent>
</StandardBusinessDocument>
```

Non-XML text content

```
<?xml version="1.0" encoding="iso-8859-1"?>
<StandardBusinessDocument xmlns="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader">
<StandardBusinessDocumentHeader>
  ...
</StandardBusinessDocumentHeader>
<TextContent xmlns="http://peppol.eu/xsd/ticc/envelope/1.0" mimeType="Application/EDIFACT">
UNB+UNOA:2+9930711378399:14+7798032711116:14+160927:2252+EW861380947'UNH+186453437+CONTRL
D:96A:UN:EAN002'UCI+F6GVY+7658032710006:14+9930711378111:14+8'UCM+3HHL0+ORDERS:D:96A:UN:
EAN008+7'UNT+4+186453437'UNZ+1+EW861380947'
</TextContent>
</StandardBusinessDocument>
```

Business Message envelope 1.2

XSD for the envelope

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns="http://peppol.eu/xsd/ticc/envelope/1.0"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  targetNamespace="http://peppol.eu/xsd/ticc/envelope/1.0"
  elementFormDefault="qualified"
  attributeFormDefault="unqualified">
  <xs:element name="BinaryContent" type="BinaryContentType"/>
  <xs:complexType name="BinaryContentType">
    <xs:simpleContent>
      <xs:extension base="xs:base64Binary">
        <xs:attribute name="mimeType" type="xs:token" use="required"/>
        <xs:attribute name="encoding" type="xs:token" use="optional"/>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
  <xs:element name="TextContent" type="TextContentType"/>
  <xs:complexType name="TextContentType">
    <xs:simpleContent>
      <xs:extension base="xs:string">
        <xs:attribute name="mimeType" type="xs:token" use="required"/>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:schema>
```