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**e-TrustEx – Submit Store Document Wrapper Use Case Specification**

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| **Document Author:** | Alice Vasilescu |
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| **Revision** | **Date** | **Created by** | **Short Description of Changes** |
| [1] | [06/21/2013] | [Alice Vasilescu] | [Initial Version of approved document] |
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1. Use-Case Description

This Use Case describes the specific processing performed by e-TrustEx on a business document of type DocumentWrapper. This Use Case extends the Submit Document Use Case.

1. Flow of Events

## System performs the specific checks

* This Use Case extends the “Submit Read Document Use Case” and it is called from “Step 2.5 System performs the business specific processing”

## System persists the message

* The system creates the Document Wrapper with the following data.
  + The date & time when the message was created
  + A reference to the BINARY object created at previous step
  + Original format (a.k.a. raw message)
* The Sender Agreement, meaning the associations with:
  + The ID of the SenderParty (from the authorisation header Header.BusinessHeader.Sender.Identifier)
  + The Sender user
* The following elements found in the payload of the message are also recorded:
  + The ID of the document
  + The DocumentTypeCode[[1]](#footnote-1)

## System acknowledges the message

* The system creates the technical acknowledgment and sends it back to the Requester.
* The acknowledgement is digitally signed and contains the following information:

|  |  |
| --- | --- |
| **Element** | **Xpath** |
| **SOAP Body** | |
| **AckIndicator** | *AckIndicator – Boolean value* |
| **Timestamp** | *The timestamp, used to offer long-term and independent proof that the information existed at a particular point in time and has not been altered since and can be expressed as :*   * *A digital signature* * *RFC3161TimeStampToken* |
| **IssueDate** | *In the case where a Timestamping Authority is not available, the IssueDate is present instead of the Timestamp. The IssueDate is the system date of reception.* |
| **ID of the message** | *AcknowledgedDocumentReference.DocumentReference.ID* |
| **DocumentTypeCode** | *AcknowledgedDocumentReference.DocumentReference.DocumentTypeCode ( e.g. “BDL”)* |
| **SenderPartyID** | *AcknowledgedDocumentReference.DocumentReference.SenderParty.EndpointID – the Sender Party ID from the business header* |
| **ReceiverPartyID** | *AcknowledgedDocumentReference.DocumentReference.ReceiverParty.EndpointID - the Receiver Party ID from the business header* |
| **DocumentHashMethod** | *AcknowledgedDocumentReference.**DocumentHashMethod – the hash method used to hash the received message* |
| **DocumentHash** | *AcknowledgedDocumentReference.**DocumentHash – the hash value of the received message* |
| **DocumentCanonicalizationMethod** | *AcknowledgedDocumentReference.**DocumentCanonicalizationMethod – the canonicalization method used before the hashing of the received message* |

* **Use Case Ends**.

1. Exceptional Flows

[to be completed]

1. Subflow

[to be completed]

1. Special Requirements

[to be completed]

## < Interface(s) with other Systems>

## Security Requirements

[to be completed]

## < Other Special Requirement >

1. Preconditions

[to be completed]

## < Precondition One >

1. Postconditions

[to be completed]

## < Postcondition One >

1. Additional Information

[to be completed]

1. In the case of Store Document Wrapper, the value specified by the user in the DocumentTypeCode is not subject to any Code List check [↑](#footnote-ref-1)