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

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| **Revision** | **Date** | **Created by** | **Short Description of Changes** |
| [0.1] | [21/06/2013] | [Alice Vasilescu] | [Initial Version of approved document] |
| [0.2-0.3] | [25/09/2013] | [Alice Vasilescu] | [Internal review] |
| [0.4] | [24/07/2015] | [Anamaria Batrinu] | [Updated Soap Faults and Section references; Deleted post conditions (unrelated to use case)] |

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# Use Case description

This Use Case describes the specific processing performed by e-TrustEx on a business document of type (Delete)DocumentWrapper. This Use Case extends the UC1\_2\_1 Synchronous+Service+Use+Case+Specification.

# Flow of events

# System performs the specific checks

* This Use Case extends the “UC1\_2\_1 Synchronous+Service+Use+Case+Specification” and it is called from “Step 2.5 System performs the business specific processing”.

# System checks that the Document Wrapper exists

| ID | Description |
| --- | --- |
| RULE288 | The system checks that the Document Wrapper, uniquely identified by the properties provided below, exists in the database:  The Sender Party (*Header.BusinessHeader.Sender.Identifier*)  The Document ID (from the message payload)  The Document Type Code (from the message payload) |

# System checks the Document Wrapper is not already linked to a Document Bundle

| ID | Description |
| --- | --- |
| RULE289 | The system checks that the Document Wrapper selected for deletion is not linked to any Document Bundle |

# System deletes the Document Wrapper

* The system identifies the Document Wrapper to be deleted according to the properties provided below, all found in the message.
* The Sender Party ID (*Header.BusinessHeader.Sender.Identifier*)
* The Document ID (from the message payload)
* The Document Type Code (from the message payload)
* The system "physically" deletes the Document Wrapper from the data source, along with its binary content.
* **The Use Case Ends**.

# Alternative Flows

N/A

# Exceptional Flows

# E1: At step 2.3 System checks the Document Wrapper is not already linked to a Document Bundle and the Document Wrapper and the Document Wrapper doesn’t exist

* System submits a SOAP Fault [6] with the following description "Hard business rule violated" and the "**error.notexisting**" code.
* This closes the https connection between the User and the system
* The Use Case Ends.

# E2: At step 2.3 System checks the Document Wrapper is not already linked to a Document Bundle and a link to a Document Bundle is found

* System submits a SOAP Fault [6] with the following description "Hard business rule violated" and the "**error.linked**" code.
* This closes the https connection between the User and the system
* The Use Case Ends.

# E3: At step 2.4 System deletes the Document Wrapper and a technical failure is reported

* When technical error occurs, the System submits a SOAP Fault [4] with description "Server Error"
* This closes the https connection between the User and the system
* The Use Case Ends.

# Subflow

N/A

# Special Requirements

N/A

# Preconditions

N/A

# Postconditions

N/A

# Additional Information

N/A