



EESSI – CDM 4.4

ADMIN - Administrative

AD_BUC_06_Subprocess - v4.4.0

Invalidate SED

BUC Specifications

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v0.1	28/07/2014	Initial Draft
v0.2	19/03/2015	Minor correction
v0.3	23/06/2015	- Adding reference to Article 2 of 987/2009 - Adaptation to Detailed Description related to Article 2 of Reg. No 987/2009.
v0.99.0	27/05/2016	Addition of Additional Chapters 4.2, 4.3 and 4.4 Minor formatting, date, version and grammar changes
v0.99.1	12/06/2016	Small grammatical updates to the Actors and Main process.
v1.0.0	14/07/2016	AC APPROVED
v1.0.1	08/08/2017	- Added reference to the BPMN version. - Removed confidential watermark. - Adapted reference to BUC confluence page in Configuration Management
V4.1.0	22/08/2018	- Section 4.4 merged 2 tables (for SED & for Subprocesses) into 1 BUC Artefact table." - Version adaptations to release 4.1.0.
v4.2.0	29/05/2019	Version adaptations to release 4.2.0.
v4.3.0	31/08/2021	Version adaptations to release 4.3.0.
v4.4.0	06/12/2024	Version adaptations to release 4.4.0

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1. Introduction

1.1. Purpose

The purpose of this document is to construct an external view of, part of, the 'EESSI business system' as described in EC Regulations 883/2004 [R1] and 987/2009 [R2]. The 'EESSI Business System' describes the business and expected business processes without consideration as to which part(s) may be realized by an IT System (i.e. the proposed EESSI IT System).

The external view comprises of models and descriptions of business use cases, the services of a business system offered to business actors: customers, business partners, or other business systems.

A business use case is described from an actor's perspective; it describes the interaction between an actor and the business system, meaning it describes the behaviours of the business system that the actor utilizes. The Business Use Case includes Use Case Diagrams and Business Process Models.

Use case diagrams show actors, business use cases, and their relationships. Use case diagrams do not describe procedures. Alternative scenarios also remain hidden. These diagrams give a good overview of the behaviours of the EESSI business system which will direct and govern part of the expected behaviours and functionality delivered by the EESSI IT System.

1.2. Scope

This document is limited to the external view of an Administrative process for Invalidating or withdrawing a previously sent SED. The different elements like use case description, actors, and business process as well as supporting UML diagrams and BPMN models pertaining to invalidating or withdrawing a previously sent SED.

1.3. Definitions, Acronyms and Abbreviations

Please see the EESSI Project Glossary [here](#)

1.4. References

#	Document Type	Document Name
R1	Basic Regulations EC (883/04)	Regulation EC No. 883/2004.pdf
R2	Implementing Regulations EC (987/09)	Regulation EC No 987/2009.pdf

1.5. Overview

Chapter 1 introduces the external view on the business system under review and lists the elements of this specification.

Chapter 2 introduces us to the Invalidate SED business process. The chapter gives a short and detailed description as well as a reference to business process' legal base.

Chapter 3 lists the actors involved in the Invalidate SED business process.

Chapter 4 describes in detail the Invalidate SED business process based on the RUP use case template, as well as the relationship to other use cases.

Chapter 5 describes the Invalidate SED business process using business process modelling notation (BPMN).

2. Description

2.1. Business Scenario

In a situation where a SED has previously been exchanged between two or more institutions there is the possibility that the institution that originally sent SED needs to declare that the original SED is Invalid or had been withdrawn in accordance with Article 5 paragraph 1 of Reg 987/09 [R2]. Specifically:

"Documents issued by the institution of a Member State and showing the position of a person for the purposes of the application of the basic Regulation and of the implementing Regulation, and supporting evidence on the basis of which the documents have been issued, shall be accepted by the institutions of the other Member States for as long as they have not been withdrawn or declared to be invalid by the Member State in which they were issued."

Another situation may occur when we have an SED that was sent as a request for information, but not relevant anymore, we should have the opportunity to notify the other party not to bother with it, and to 'recall' the request or invalidate the request, in accordance with Article 2 of 987/2009.

2.2. Legal Base

This Business Use Case document's legal base is described in the following Regulations

1. Basic Regulation (EC) No 883/2004 [R1]
2. Implementing Regulation (EC) No 987/2009 [R2]

The following matrix specifies the SEDs that are used in this Business Use Case and documents the articles that provide the legal basis for each SED.

	IR (987/2009)		
SED	Article 5 (1)	Article 5 (2)	Article 2
X008	✓	✓	✓

Table 1: SED – Legal base relationship matrix

3. Actors & Roles

This chapter captures details of the actors which are important to understanding the different types of system users. An actor is anyone or anything that exchanges data with the business system. An actor can be a user, external hardware, or another system.

The overarching description of each actor described in this Business Use Case can be found in the Glossary. Below you will find a short description which provides further clarity of this actor within the context of this Business Use Case.

Actor name	Description
Triggering Participant	The Triggering Participant is an active participant in the main process who triggers this BUC. This will be an Institution where the main process permits their role to do so
Other Participant(s)	Other Participant(s) represents all other active participants in the main process. This will be one or more Institutions as determined by the main process.

Table 2: Actors & Roles

4. Use Case

4.1. RUP Table Representation

Use Case ID:	Ad_BUC_06		
Use Case Name:	Invalidate or Withdraw SED		
Created By:	EESSI BA Team	Last Updated By:	EESSI BA Team
Date Created:	28/07/2014	Publication Date:	06/12/2024
Actors:	Triggering Participant Other Participant(s)		
Description:	<p>In a situation where a SED has previously been exchanged between two or more institutions there is the possibility that the institution that originally sent SED needs to declare that the original SED is Invalid or had been withdrawn in accordance with Article 5 paragraph 1 of Reg 987/09 [R2]. Specifically:</p> <p><i>"Documents issued by the institution of a Member State and showing the position of a person for the purposes of the application of the basic Regulation and of the implementing Regulation, and supporting evidence on the basis of which the documents have been issued, shall be accepted by the institutions of the other Member States for as long as they have not been withdrawn or declared to be invalid by the Member State in which they were issued."</i></p> <p>Another situation may occur when we have an SED that was sent as a request for information, but not relevant anymore, we should have the opportunity to notify the other party not to bother with it, and to 'recall' the request or invalidate the request, in accordance with Article 2 of 987/2009 [R2].</p>		
Trigger:	The sender of a SED realizes that the SED needs to be declared invalid or withdrawn.		
Preconditions:	A SED has been successfully exchanged The sender of the SED wishes to declare it invalid or withdraw it. (This can include SED received through a forward action that are treated as sent items)		
Post conditions:	The recipient is aware the original SED is invalid/withdrawn.		
Main Scenario:	<ol style="list-style-type: none"> 1. The Triggering Participant fills out an Invalidate/Withdraw SED (X008) SED by entering all the required information about the SED and reason for Invalidation/Withdrawal; 2. The Triggering Participant sends the X008 to all Other Participants that received the original SED; 3. The Other Participants receive the X008 and understand the SED is invalid and the reason for this. <p>The use case ends here</p>		

Alternative Scenarios:	<u>Branch 1:</u>
Exceptions:	<u>Exception 1:</u>
Includes:	This BUC is exclusively used as an <<include>> in other sectorial business processes.
Frequency of Use:	It is expected that this BUC could be used one per exchanged SED where permitted.
Special Requirements:	SR1: Active Participants are those participants defined in the parent process which invoked this BUC
Assumptions:	N/A
Notes and Issues:	N/A

4.2. Request – Reply SEDs

The following table specifies the SED that have a logical pairing to one another, usually this is known as a request-reply pair.

REQUEST SED	REPLY SED(s)
X008	

4.3. Attachments Allowed

The following table specifies whether attachments are permitted to be included when sending a SED type.

SED	Attachments
X008	Not Allowed

4.4. Artefacts used

The following table specifies the artefacts that are used in this Business Use Case.

Artefact name	Artefact type
X008	SED

5. Business Processes

The following model describes the Business Use Case Invalidate SED subprocess using BPMN 2.0.



6. Appendices

6.1. Issues

N/A