



EESSI – CDM 4.4


S - Sickness

S_BUC_02 - v4.4.0

**Entitlement - Residence outside Competent
Member State - With PD**

BUC Specifications

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Document history

Version	Date	Short Description of Changes
v0.1	03.04.2014	
v0.2	09.10.2014	Consolidate the AHG review
v0.3	19.11.2014	Change the process making it reflect the FLOW F-S002 as agree in the Sickness Workshop.
v0.4	19.12.2014	Adjusting several details regarding the BUC description from business perspective.
v0.5	10.01.2015	Adjust the document based on the requested and accepted changes
v0.6	18.11.2015	<p>Document history: table is now in reverse chronological order.</p> <p>Grammatical corrections (minor correction) based on feedback received from Alyson LONGSTAFF in another BUC.</p> <p>Title in the header has been changed</p> <p>A call to H_BUC_01 has been added in the process, decision from AHG meeting (4/11/2015)</p> <p>Chapter 2:</p> <p>2.1 last sentence of paragraph has been modified</p> <p>Chapter 4:</p> <p>Section 4.1: RUP Table Description</p> <ul style="list-style-type: none"> - Main Scenario: a step has been added for the receiving of S073 by Counterparty - Branch 2 is added: invoke H_BUC_01 - SR1: rule added for branch 2 <p>Section 4.2: RUP UC Diagram Representation is updated</p> <p>Chapter 5</p> <p>Section 5.2: Counterparty process is updated (invoke H_BUC_01)</p> <p>Section 5.3</p> <p>"Identify Participants" sub-process has been added</p> <p>"Fill and Send" sub-process replaced by the new one</p> <p>Section 5.4 added</p> <p>Happy path from Case Owner and Counterparty point of view</p> <p>Chapter 6</p> <p>Section 6.1: a table with all the admin processes has been added with status about the possibility to use these options within the BUC</p> <p>Section 6.2: Issues</p> <p>2 issues have been added about the "forward" and "reject"</p>
v0.99.0	20/11/2015	<p>Candidate for AHG Approval</p> <p>Inclusion of Request-Reply Table</p> <p>Inclusion of Attachment Allowed Table</p> <p>Inclusion of SED & Sub-process Versioning Information</p>
v0.99.1	30/11/2015	<p>Add information on BPMN diagram (Receive documents).</p> <p>As agreed during the ConfCall with AdHoc Group</p>

		(27/11/2015) Add "Forward" for Counterparty (Branch 4) Add "H_BUC_01" for Case Owner (Branch 3)
v1.0.0	26/01/2016	Remarks received from Belgian representatives have been integrated and accepted in the document. Section 4.2 has been completed with the pair of SEDs exchanged.
v1.0.1	08/04/2016	As requested by AHG Member and as agreed during the AHG meeting in November 2015, the following change has been done: Branches 2 and 3: some details have been added. At branch 4: "At any step after [step 5]" has been replaced by "After [step 5] and before [step 1] of branch 1" Rule for branch 4 has been amended as follow "[Branch 4] – May be invoked once when the first SED is received by the Counterparty and before sending an answer or a dispute SED"
v1.0.2	15/09/2016	Description corrected: removed 'both' and '1.' (there is only one case, ie insured person has a S1 portable document.
v1.1.0	15/06/2017	Change Request EESSI-1798: As agreed by AHG members, "AD_BUC_07 – Reminder" has been added for Case Owner and Counterparty: Correction Section 4: description of Branches 'Reminder' In section 4, Branch 2 and 3, withdraw the use of H_BUC_01 as 'Reminder'
v1.1.1	20/06/2017	Included (corrected) BPMN picture in section 5
v1.1.2	29/06/2017	Removed Use Case diagram
v4.1.0	08/08/2018	- Section 4.4: merged 2 tables (for SED & for Subprocesses) into 1 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	Update Branch 3 title to allow the CO to use the H_BUC_01 sub-process also after sending S073 and before receiving the S050, according to the EESSI-7337 CR. Correct the BPMN diagram by adding the missing arrow from <i>Send S073</i> to <i>Receive S073</i> .

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1. Introduction

1.1. Purpose

The purpose of this document is to construct an external view 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 the Sickness' sector process concerning Residence outside competent Member State. The different elements like use case description, business actors, and business process as well as supporting UML diagrams and BPMN models pertaining to the Residence outside competent Member State case.

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 the Residence outside competent Member State business process. This chapter gives a short and detailed description as well as a reference to the business process' legal base.

Chapter 3 lists the actors involved in the Residence outside competent Member State process.

Chapter 4 describes in detail the Residence outside competent Member State business process based on the RUP use case template, as well as the relationship to other use cases.

Chapter 5 describes the Residence outside competent Member State business process using business process modelling notation (BPMN).

2. Description

2.1. Business Scenario

As the regulation dictates (Art. 24 [R1]) the insured person and/or members of his family shall be obliged to register with the institution of the place of residence. Their right to health benefits in kind in the Member State of residence shall be certified by a document issued by the competent institution upon request of the insured person or upon request of the institution of the place of residence.

The case described hereafter models the process that leads to registration of an entitlement to the health benefits in kind of the insured person in the Member State of residence when he/she owns the entitlement document PD S1.

2.2. Legal Base

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

- basic Regulation (EC) No 883/2004 [R1];
- 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.

SED	Basic Reg (883/04)					Implementing Reg (987/09)
	17	22	24	25	26	24
S073	✓	✓	✓	✓	✓	✓
S050	✓	✓	✓	✓	✓	✓

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
Case Owner	In this BUC the Case Owner is Institution of the place of residence of the insured person who claims the rights to health benefits in kind.
Counterparty	In this BUC The Counterparty is the Competent Institution of a Member State where the person is insured
Claimant	In this BUC the Claimant is the insured person resident outside the competent Member State who claims the health benefits in kind.

Table 2: Actors & Roles

4. Use Case

4.1. RUP Table Representation

Use Case ID:	S_BUC_02		
Use Case Name:	Entitlement - Residence outside Competent Member State – With PD		
Created By:	EESSI BA Team	Last Updated By:	EESSI BA Team
Date Created:	14/03/2014	Publication Date:	06/12/2024
Actors:	Case Owner Counterparty Claimant		
Description:	<p>For an insured person resident outside the competent Member State the health benefits in kind in the Member state of residence pass through a registration process whereby the Competent Member State's Institution certifies the person's entitlement.</p> <p>The registration in the Member State of residence is communicated to and possibly discussed with the Competent Member State's Institution upon having received the entitlement document.</p> <p>This particular case deals with the situation when the insured person (claimant) has the Portable Document (S1). Thus, the Residence Institution do not need to request it from the Competent Member State.</p>		
Trigger:	The insured person contacts the Residence Member State's Institution.		
Preconditions:	The insured person resides outside the competent Member State.		
Postconditions:	Registration is accomplished and the Claimant is informed		
Main Scenario:	<p>Identify Participants</p> <ol style="list-style-type: none"> 1. The Case Owner (Residence Member State's Institution) identifies the Competent Member State where the person(s) has acquired the rights for the health benefit in kind; 2. The Case Owner then identifies the correct institution (Competent Member State's Institution) (Counterparty). There will be only one counterparty. The Case Owner and the Counterparty are herein collectively referred to as the Participants; <p>Registration for the entitlement of the benefit</p> <ol style="list-style-type: none"> 3. The Case Owner upon receiving the Entitlement document (S1) fills in the Information of Registration (S073) entering the agreed period of the registration or reason for refusal; 4. The Case Owner sends the S073 to the Counterparty; 5. The Counterparty receives the S073; 6. The Case Owner informs The Claimant. <p>The use case ends here</p>		
Alternative Scenarios:	<p>Branch 1: At any step after [step 5] the Counterparty may optionally choose to fill in and send a Dispute registration Date (S050)</p> <ol style="list-style-type: none"> 1. The Counterparty upon receiving S073 fills in a Dispute registration Date (S050) where they express a dispute concerning the registration date indicated in the S073; 2. The Counterparty sends the S050 to the Case Owner; 3. The Case Owner upon receiving the S050 SED fills in the S073 entering the new period of the registration or the reason for refusal; 4. The Case Owner sends the S073 to the Counterparty; 5. [This Branch] Ends. 		

	<i>The Following Branches determine the use of Horizontally Defined Sub Processes within the Business Process</i>
	Branch 2: at any step after [step 5] the Counterparty may optionally choose request AdHoc Information from Case Owner <ol style="list-style-type: none"> 1. The Counterparty executes business use case H_BUC_01 – AdHoc Exchange of Info; 2. [This Branch] Ends.
	Branch 3: At any step after [step 4] the Case Owner may optionally choose request AdHoc Information from Counterparty <ol style="list-style-type: none"> 1. The Case Owner executes business use case H_BUC_01 – AdHoc Exchange of Info; 2. [This Branch] Ends.
	<i>The Following Branches determine the use of Administrative Defined Sub Processes within the Business Process</i>
	Branch 4: After [step 5] and before [step 1 of branch 1], when receiving S073 the Counterparty may optionally choose to Forward this Business Process to another Institution within its MS who assumes responsibility for handling it. <ol style="list-style-type: none"> 1. The Counterparty executes business use case AD_BUC_05 – Forward Case; 2. [This Branch] Ends.
	Branch 5: At any step after [step 5] Case Owner may optionally choose to send a reminder in order to receive Information expected and not yet received <ol style="list-style-type: none"> 1. The Case Owner executes business use case AD_BUC_07_ – _Reminder; 2. [This Branch] Ends.
	Branch 6: At any step after [step 5] Counterparty may optionally choose to send a reminder in order to receive Information expected and not yet received <ol style="list-style-type: none"> 1. The Counterparty executes business use case AD_BUC_07_ – _Reminder; 2. [This Branch] Ends.
Includes:	See diagram at part 4.4
Frequency of Use:	This BUC will be executed [tbd] times per year.
Special Requirements:	<p>SR0: General Rule As the registration is individualized the case can concern only one person.</p> <p>SR1: Rules about the invoking of Branches: [Branch 1] – May be invoked more than once [Branch 2] – May be invoked more than once [Branch 3] – May be invoked more than once [Branch 4] – May be invoked once when the first SED is received by the Counterparty and before sending an answer or a dispute SED [Branch 5] – May be invoked more than once [Branch 6] – May be invoked more than once</p> <p>SR2: Alternative Branch 1 is interrupting Branch.</p>
Assumptions:	N/A
Notes and Issues:	N/A

4.2. Request – Reply SEDs

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

REQUEST SED	REPLY SED(s)
S050	S073

4.3. Attachments Allowed

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

SED	Attachments
S073	Allowed
S050	Allowed

4.4. Artefacts used

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

Artefact name	Artefact type
S073	SED
S050	SED
H_BUC_01_Subprocess	BUC
AD_BUC_05_Subprocess – Forward Case	BUC
AD_BUC_07_Subprocess – Reminder	BUC
AD_BUC_11_Subprocess – Business Exception	BUC
AD_BUC_12_Subprocess – Change Participant	BUC

5. Business Processes

The following paragraphs describe the Business Use Case Entitlement Residence Outside the Competent Member state using BPMN 2.0

5.1. Case Owner and Counterparty

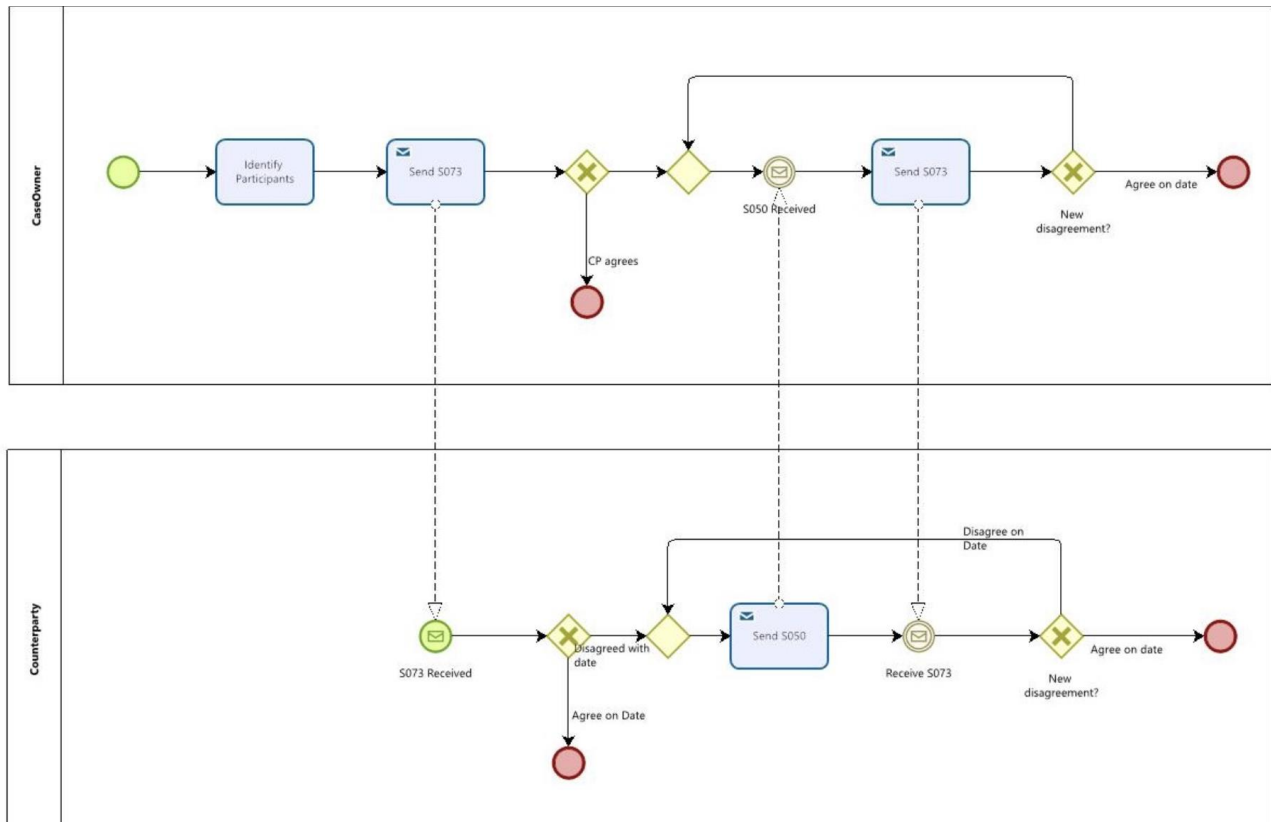


Figure 1: depicts the use case end-to-end for the Case Owner and Counterparty, from a high level.

5.2. Sub-processes

Not Applicable

6. Appendices

6.1. Issues

#	Issue date	Description	Replies	Action/Resolution	Close date
1	18/11/2015	Could the "Forward" option be used in this BUC after the counterparty has received the S073 in order to Forward the case to the right institution in his Member State	ConfCall (27/11/2015) Forward must be added in the BUC	Forward is added for Counterparty at any step of the process	30/11/2015
2	18/11/2015	Could the "Reject" option be used in this BUC after the counterparty has received the S073 in order to Reject the case if the counterparty does not the competent institution which should handle the case?	Confcall (27/11/2015) Reject will not be added. Other procedures exist to handle this situation.		30/11/2015