



# **EESSI – CDM 4.4**

## **S - Sickness**

### **S\_BUC\_01 - v4.4.0**

**Entitlement – Residence outside Competent  
Member State - Without 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-S001 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	19.06.2015	Change due to Jira ticket issued by AHG Rapporteur
v0.7	18.11.2015	<p>Grammatical corrections (minor correction) based on feedback received from Alyson LONGSTAFF in another BUC.</p> <p>Document history table is now in reverse chronological order.</p> <p>Title in the header of the document 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"> <li>- Branch 3 has been added: invoke H_BUC_01</li> <li>- SR1: a rule for branch 3 has been added</li> </ul> <p>Section 4.2: RUP UC Diagram Representation</p> <p>H_BUC_01 is included</p> <p>Chapter 5</p> <p>Section 5.2: Diagram for Counterparty has been changed (H_BUC_01 added)</p> <p>Section 5.3:</p> <ul style="list-style-type: none"> <li>- Diagram for "Identify Participants" sub-process has been added</li> <li>- Diagram for "Fill and Send" sub-process has been replaced by the new one</li> </ul> <p>Section 5.4 has been added and contains the 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>

		Section 6.2: Issues 2 issues have been added about the "forward" and "reject"
v0.99.0	20/11/2015	Candidate for AHG Approval Inclusion of Request-Reply Table Inclusion of Attachment Allowed Table Inclusion of SED & Sub-process Versioning Information
v0.99.1	30/11/2015	Add Information on BPMN diagram (Receive documents). As agreed during the ConfCall with AdHoc Group (27/11/2015) Delete "Claimant" reference. The Claimant does not have any interaction with the system. Add "Forward" for Counterparty [Branch 5] Add "H_BUC_01" for Case Owner [Branch 4]
v1.0.0	26/01/2016	Remarks received from Belgian representatives have been accepted in the document. Clarification added in the Main Scenario step 9 Clarification added in the Alternative Scenarios (branch 3 and branch 4) Section 4.2 has been updated with the pair of SEDs exchanged. Section 5.1 BPMN Case Owner has been updated to be in line with the description
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: At branch 5: "At any step after [step 5]" has been replaced by "After [step 5] and before [step 6]" Rule for branch 5 has been amended as follow "[Branch 5] – May be invoked once when the first SED is received by the Counterparty and before sending an answer"
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' – Branches 6 and 7 - Correction section 4: Branch 3 and 4, withdraw the use of H_BUC_01 as 'Reminder'
v1.1.1	20/06/2017	Included BPMN picture in section 5
v1.1.2	05/09/2017	- Correction in the BPMN document. - removed Use Case diagram
v1.2.0	22/09/2017	Change Request EESSI-1832: Section 4, Main Scenario, Step 6: Replace reference to section 8 by section 5 or 6 for the SED S072

v4.1.0	08/08/2018	<ul style="list-style-type: none"><li>- Section 4.4: merged 2 tables (for SED &amp; for Subprocesses) into 1 Artefact table.</li><li>- Version adaptations to release 4.1.0.</li></ul>
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	<p>Update the <i>Main Scenario (Steps 6 and 9), Branch 2 and Request-Reply SEDs</i> sections to provide more clarity on the fact that S073 SED should not be sent if the entitlement is not granted, according to the EESSI-6132 CR.</p> <p>Update Branch 4 title to allow the CO to use the H_BUC_01 sub-process also after sending S071 and before receiving the S072, according to the EESSI-7337 CR.</p> <p>Correct the BPMN diagram by adding the missing arrow from <i>Send S050</i> to <i>Receive S050</i>.</p>

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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)	<a href="#">Regulation EC No. 883/2004.pdf</a>
R2	Implementing Regulations EC (987/09)	<a href="#">Regulation EC No. 987/2009.pdf</a>

## 1.5. Overview

Chapter1 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 of 987/09 [R2] and Art. 17, 22, 25 and 26 of 883/04 [R1]) the insured person and/or members of his family shall 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 in case of person without entitlement document.

### 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
S071	✓	✓	✓	✓	✓	✓
S072	✓	✓	✓	✓	✓	✓
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
<b>Case Owner</b>	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.
<b>Counterparty</b>	In this BUC The Counterparty is the Competent Institution of a Member State where the person is insured

Table 2: Actors & Roles

## 4. Use Case

### 4.1. RUP Table Representation

<b>Use Case ID:</b>	<b>S_BUC_01</b>		
<b>Use Case Name:</b>	Entitlement - Residence outside competent Member State – Without PD		
<b>Created By:</b>	EESSI BA Team	<b>Last Updated By:</b>	EESSI BA Team
<b>Date Created:</b>	14/03/2014	<b>Publication Date:</b>	06/12/2024
<b>Actors:</b>	Case Owner Counterparty		
<b>Description:</b>	<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) does not have an entitlement document such as a Portable Document (S1). Thus, the Residence Institution requests it from the Competent Member State.</p>		
<b>Trigger:</b>	The insured person contacts the Residence Member State's Institution.		
<b>Preconditions:</b>	The insured person resides outside the competent Member State.		
<b>Postconditions:</b>	Registration is accomplished.		
<b>Main Scenario:</b>	<p><b>Identify Participants</b></p> <ol style="list-style-type: none"> <li>1. The Case Owner (Residence Member State's Institution) identifies the Competent Member State where the person(s) has (have) acquired the rights for the health benefits in kind;</li> <li>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;</li> </ol> <p><b>Process the entitlement document</b></p> <ol style="list-style-type: none"> <li>3. The Case Owner fills in the Request for entitlement document (S071) by entering the probable date of the registration and the probable status of the person; S071 is for one single person. The Case Owner will possibly execute this case multiple times to fulfil the need of entitlement documents for many people.</li> <li>4. The Case Owner sends the S071 to the Counterparty;</li> </ol> <p><b>Process Request &amp; Release the entitlement document</b></p> <ol style="list-style-type: none"> <li>5. The Counterparty will receive the S071, after which its investigation will start;</li> <li>6. The Counterparty fills in an S072 by entering the validity period for it, as part of the 'Information on Entitlement' section.</li> <li>7. The Counterparty sends the S072 to the Case Owner.</li> </ol> <p><b>Registration for the entitlement of the benefit</b></p> <ol style="list-style-type: none"> <li>8. The Case Owner receives the Entitlement document (S072);</li> <li>9. The Case Owner fills in the Information of Registration (S073) entering the agreed period of the registration or reason for refusal;</li> <li>10. The Case Owner sends the S073 to the Counterparty;</li> <li>11. The Counterparty receives the S073.</li> </ol>		

	<b>The use case ends here</b>
<b>Alternative Scenarios:</b>	<p><b>Branch 1: after [step 11] the Counterparty may optionally choose to fill in and send a Dispute registration Date (S050)</b></p> <ol style="list-style-type: none"> <li>1. The Counterparty fills in a Dispute registration Date (S050) where they express a dispute concerning the registration date indicated in the S073;</li> <li>2. The Counterparty sends the S050 to the Case Owner;</li> <li>3. The Case Owner upon receiving the S050 fills in the S073 entering the new period of the registration or the reason for refusal;</li> <li>4. The Case Owner sends the S073 to the Counterparty.;</li> <li>5. [This Branch] Ends</li> </ol>
	<p><b>Branch 2: At [step 6] the Counterparty informs about the non-entitlement</b></p> <ol style="list-style-type: none"> <li>1. The Counterparty fills in an S072 by entering the reason for refusal as part of the "Information on no entitlement" section</li> <li>2. The Counterparty sends the S072 to the Case Owner</li> <li>3. The Case Owner receives the S072 with the information on no entitlement</li> <li>4. [This BUC] ends and the claimant is informed about the lack of entitlement.</li> </ol>
	<b>The Following Branches determine the use of Horizontally Defined Sub Processes within the Business Process</b>
	<p><b>Branch 3: At any step after [step 5] the Counterparty may optionally choose to request AdHoc Information from Case Owner</b></p> <ol style="list-style-type: none"> <li>1. The Counterparty executes business use case <b>H_BUC_01 – Adhoc Exchange of Info;</b></li> <li>2. [This Branch] Ends.</li> </ol>
	<p><b>Branch 4: At any step after [step 4] the Case Owner may optionally choose to request AdHoc Information from Counterparty</b></p> <ol style="list-style-type: none"> <li>1. The Case Owner executes business use case <b>H_BUC_01 – Adhoc Exchange of Info;</b></li> <li>2. [This Branch] Ends.</li> </ol>
	<b>The Following Branches determine the use of Administrative Defined Sub Processes within the Business Process</b>
	<p><b>Branch 5: After [step 5] and before [step 6] the Counterparty may optionally choose to Forward this Business Process to another Institution within its MS who assumes responsibility for changing it</b></p> <ol style="list-style-type: none"> <li>1. The Counterparty executes business use case <b>AD_BUC_05 – Forward Case;</b></li> <li>2. [This Branch] Ends.</li> </ol>
	<p><b>Branch 6: 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</b></p> <ol style="list-style-type: none"> <li>1. The Case Owner executes business use case <b>AD_BUC_07_ – _Reminder;</b></li> <li>2. [This Branch] Ends.</li> </ol>
	<p><b>Branch 7: At any step after [step 5] Counterparty may optionally choose to send a reminder in order to receive Information</b></p>

	<b>expected and not yet received</b> 1. The Counterparty executes business use case <b>AD_BUC_07_ - _Reminder;</b> 2. [This Branch] Ends.
<b>Includes:</b>	N/A
<b>Frequency of Use:</b>	This BUC will be executed [tbd] times per year.
<b>Special Requirements:</b>	<b>SR0:</b> General Rule As the registration is individualized the case can concern only one person. <b>SR1:</b> Rules about the invoking of Branches: [Branch 1] – May be invoked more than once [Branch 2] – May be invoked only once [Branch 3] – May be invoked more than once [Branch 4] – May be invoked more than once [Branch 5] – May be invoked once when the first SED is received by the Counterparty and before sending the answer [Branch 6] – May be invoked more than once <b>SR2:</b> Alternative Branches 1 – 2 are interrupting Branches.
<b>Assumptions:</b>	N/A
<b>Notes and Issues:</b>	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)
<b>S071</b>	S072
<b>S072</b>	S073
<b>S050</b>	S073

## 4.3. Attachments Allowed

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

SED	Attachments
<b>S071</b>	Allowed
<b>S072</b>	Allowed
<b>S073</b>	Allowed
<b>S050</b>	Allowed

## 4.4. Artefacts used

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

Artefact name	Artefact type
<b>S071</b>	SED
<b>S072</b>	SED
<b>S073</b>	SED
<b>S050</b>	SED
<b>H_BUC_01_Subprocess</b>	BUC
<b>AD_BUC_05_Subprocess – Forward Case</b>	BUC
<b>AD_BUC_07_Subprocess – Reminder</b>	BUC
<b>AD_BUC_11_Subprocess – Business Exception</b>	BUC
<b>AD_BUC_12_Subprocess – Change of Participant</b>	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

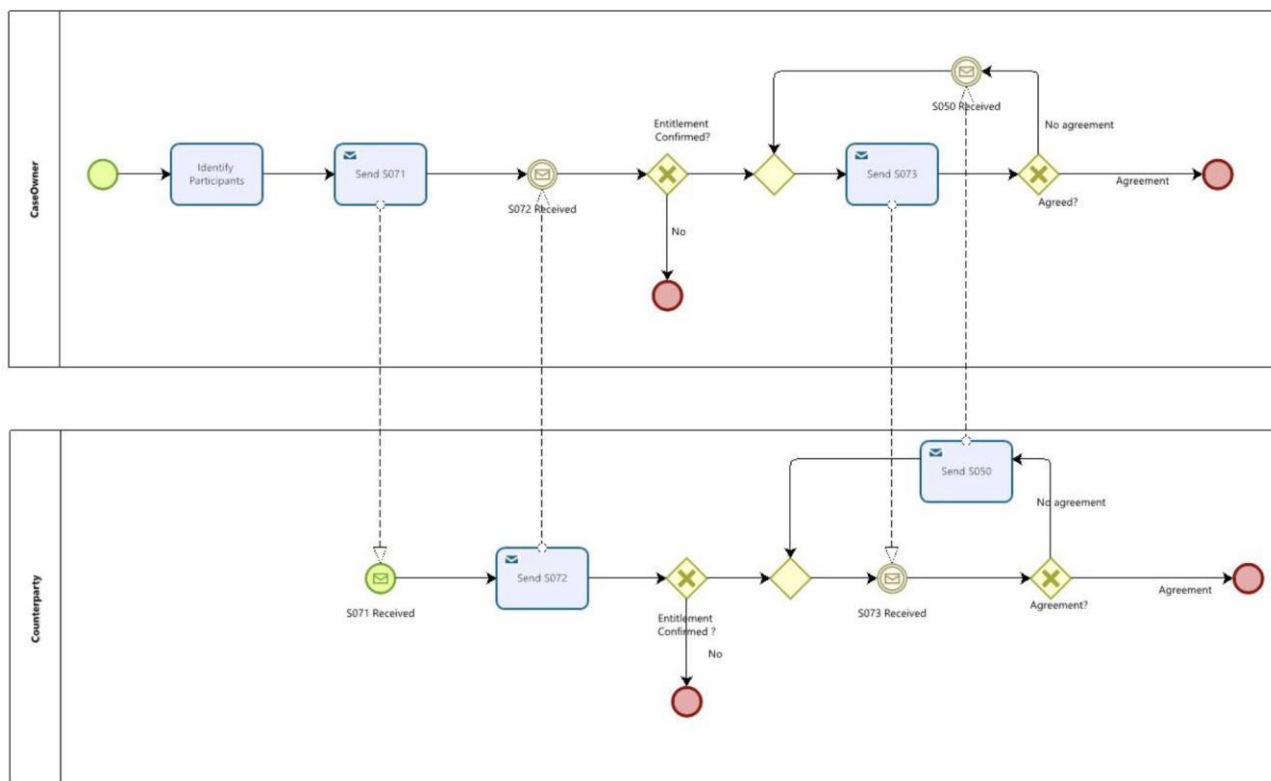


Figure 1: depicts the use case end-to-end for the Case Owner and Counterparty, from a high level.

### 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 S071 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 S071 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