



EESSI – CDM 4.4

S - Sickness

S_BUC_01a - v4.4.0

**Entitlement - Residence outside Competent
Member State - Without PD - Entitlement
document issued by Competent State**

BUC Specifications

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Document history

Version	Date	Short Description of Changes
v0.1	15/09/2015	First draft of the document
	06/11/2015	<p>As decided during the Sickness AHG Meeting on 4/11/2015</p> <ul style="list-style-type: none"> Add call to sub-process <ul style="list-style-type: none"> - Ad Hoc information (H_BUC_01) Delete "Claimant" information <p>6.1 Admin processes</p> <p>This point has been added with all admin processes available and suggestions to use the "Forward" and "Reject".</p>
v0.2	25/11/2015 27/11/2015	<p>Update of the document based on remarks / comments and feedback received from AHG Members.</p> <ul style="list-style-type: none"> - Grammatical changes <p>Name of the BUC updated</p> <p>Chapter 2</p> <p>Section 2.1: "Member State of Stay" is removed while this BUC concerns only the "Member State of Residence"</p> <p>Chapter 4</p> <p>Section 4.1:</p> <ul style="list-style-type: none"> - reference to "Member State of Stay" has been removed while the BUC concerns only the "Member State of Residence" - Trigger section has been updated. <p>- Step 8 is added</p> <p>- Branch 2: "Between [step 5] and [step 6] has been replaced by "At any step after [step 5]"</p> <p>Update of the document to be in line with the content and layout for approval by AC.</p> <p>Section 2.1: Reference to the previously defined flow has been removed.</p> <p>Section 2.2: Reference to the version of SED has been removed</p> <p>Section 4.2: Request – Reply SEDs added</p> <p>Section 4.3: Attachments allowed added</p> <p>Section 4.5: SED and Sub-process Versioning added</p> <p>Section 5.4: removed</p> <p>Section 6.1: removed and replaced by section 4.5</p>
v0.3	07/12/2015	<p>Feedback received from Confcall 27/11/2015</p> <p>Section 4.1</p> <ul style="list-style-type: none"> - Branch 3 added: H_BUC_01 for Case Owner

		- Branch 4 added: AD_BUC_05 – Forward for Counterparty Section 4.4: RUP UC Diagram representation updated Section 5: BPMN diagrams have been updated according to Horizontal and Admin processes added
v0.3.1	16/12/2015 18/01/2016	Section 4.1 RUP Table Description A row with "Exceptions" has been added. Section 4.2: Request – Reply SEDs Request-reply pair S050 – S073 is added Version number of the document has been changed to be in line with the convention M.m.p where: - M = Major version (e.g. Approved by AC) - m = Minor version (e.g. changes in the process) - p = Patch version (e.g. wording...any changes without any impact on the process itself)
v0.3.2	01.02.2016 20.05.2016	Comment / remark received from Poland has been implemented. Section 2.1 has been renamed Section 4.1 RUP Table Description Branch 4: clarification is added to the Forward option in order to be compliant with what was agreed by the AHG members. Through the document, "member state of stay" has been deleted.
v0.4.0	20/06/2016	Alignment to the standard description and layout of the BUC.
v0.4.1	17/08/2016	Comments received from AC review have been implemented.
v0.99.0	21/09/2016	Candidate for AC approval.
v0.99.1	23/10/2016	As agreed by AHG members "Reminder" has been added for Case Owner and Counterparty. Section 4.1 has been updated (Branch 5 and 6 added) Section 4.4 has been updated (Reminder is added) Section 4.5 SED and Sub-process Versioning (Reminder is added) Submitted for AC Approval
v1.0.0	15/12/2016	AC Approved Version
v1.0.1	29/06/2017	- Included BPMN picture in section 5 - removed Use Case diagram
v4.1.0	09/08/2018	- 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 S072 and before receiving the S073, according to the EESSI-7337 CR.

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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 realised 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 utilises. 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 of Entitlement - Residence outside Competent Member State without PD – Entitlement document issued by the Competent 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 Entitlement - Residence outside Competent Member State without PD – Request by the Competent 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 Entitlement - Residence outside Competent Member State without PD – Entitlement document issued by Competent 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 Entitlement - Residence outside Competent Member State without PD – Entitlement document issued by Competent State business process.

Chapter 4 describes in detail the Entitlement - Residence outside Competent Member State without PD – Entitlement document issued by Competent State business process based on the RUP use case template, as well as the relationship to other use cases.

Chapter 5 describes the Entitlement - Residence outside Competent Member State without PD – Entitlement document issued by Competent State business process using business process modelling notation (BPMN).

2. Description

2.1. Business Scenario

As the regulation dictates (Art. 24 of 987/2009 [R1] and Art. 17, 22, 24, 25 and 26 of 883/2004 [R2]) the insured person and/or members of his/her 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. In this case, the Competent Institution takes the initiative and sends to the Members State of Residence the entitlement document for the person concerned.

2.2. Legal Base

The 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
S072	✓	✓	✓	✓	✓	✓
S073	✓	✓	✓	✓	✓	✓
S050	✓	✓	✓	✓	✓	✓

Table 1: SED – Legal base relationship matrix

3. Actors & Roles

This chapter captures details of the actors which are important to understand 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 the Competent Institution of a Member State where the person is insured.
Counterparty	In this BUC The Counterparty is the Institution of the place of Residence of the insured person.

Table 2: Actors & Roles

4. Use Case

4.1. RUP Table Representation

Use Case ID:	S_BUC_01a		
Use Case Name:	Entitlement - Residence outside Competent Member State – Without PD – Entitlement document issued by Competent State		
Created By:	EESSI BA Team	Last Updated By:	EESSI BA Team
Date Created:	15/09/2015	Publication Date:	06/12/2024
Actors:	Case Owner Counterparty		
Description:	<p>For an insured person resident outside the Competent Member State the 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 situation when the Competent Member State takes the initiative and sends the entitlement document for an insured person (or his/her family) concerned to the Member State of Residence.</p>		
Trigger:	The Competent Institution has received information regarding the institution of the place of residence.		
Preconditions:	The insured person resides outside the Competent Member State.		
Post conditions:	Registration is accomplished in the Member State of Residence.		
Main Scenario:	<p>Identify Participants</p> <ol style="list-style-type: none"> 1. The Case Owner (Competent Member State) identifies the Member State of Residence where the person should acquire the rights for the health benefits in kind; 2. The Case Owner then identifies the correct institution (Member State of Residence's Institution) (Counterparty). There will be only one counterparty. The Case Owner and the Counterparty are herein collectively referred to as the Participants. <p>Process the entitlement document</p> <ol style="list-style-type: none"> 3. The Case Owner fills in the Entitlement Document (S072) by entering information about the person and the validity period for it; 4. The Case Owner sends the S072 to the Counterparty. <p>Registration for the entitlement of the benefit</p> <ol style="list-style-type: none"> 5. The Counterparty will receive the S072; 6. The Counterparty fills in the Information of Registration (S073) entering the agreed period of the registration or reason for refusal; 7. The Counterparty sends the S073 to the Case Owner; 8. The Case Owner will receive S073; 9. This use case ends here. 		

Alternative Scenarios:	<p><u>Branch 1:</u> After [Step 8] the Case Owner may optionally choose to fill in and send a Dispute registration Date (S050)</p> <ol style="list-style-type: none"> 1. The Case Owner fills in a Dispute registration Date (S050) where they express a dispute concerning the registration date indicated in the S073; 2. The Case Owner sends the S050 to the Counterparty; 3. The Counterparty receives the S050; 4. The Counterparty fills in the S073 entering the new period of the registration or the reason for non-registration; 5. The Counterparty sends the S073 to the Case Owner; 6. [This Branch] Ends.
	<p><u>The Following Branches Determine the use of Horizontally Defined Sub Processes within this Business Process</u></p>
	<p><u>Branch 2:</u> At any step after [step 5] the Counterparty may optionally choose to request AdHoc Information from Case Owner</p> <ol style="list-style-type: none"> 1. The Counterparty executes business use case H_BUC_01 – Adhoc Exchange of Info; 2. [This Branch] Ends.
	<p><u>Branch 3:</u> At any step after [step 4] the Case Owner may optionally choose to request AdHoc Information from Counterparty</p> <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.
	<p><u>The Following Branches Determine the use of Administrative Defined Sub Processes within this Business Process</u></p>
	<p><u>Branch 4:</u> At [step 5] and before [step 6] the Counterparty may optionally choose to Forward this Business Process to another Competent Institution within its MS who assumes responsibility for handling it.</p> <ol style="list-style-type: none"> 1. The Counterparty executes business use case AD_BUC_05 – Forward Case; 2. [This Branch] Ends.
	<p><u>Branch 5:</u> After Branch 2 [step 1] Counterparty may optionally choose to send a reminder in order to receive the answer to Ad Hoc Information expected and not yet received.</p> <ol style="list-style-type: none"> 1. The Counterparty executes business use case AD_BUC_07_ – _Reminder; 2. [This Branch] Ends
	<p><u>Branch 6:</u> At any step after [step 4] Case Owner may optionally choose to send a reminder in order to receive Information expected and not yet received.</p> <ol style="list-style-type: none"> 1. The Case Owner executes business use case AD_BUC_07_ – _Reminder; 2. [This Branch] Ends
Exceptions:	None
Includes:	See diagram at part 4.4

Special Requirements:	<p>SR0: General Rule As the registration is individualised the case can concern only one person.</p> <p>SR1: Rules about the invoking of Branches:</p> <p>[Branch 1] – May be invoked more than once.</p> <p><u>Horizontals</u> [Branch 2] – May be invoked more than once. [Branch 3] – May be invoked more than once.</p> <p><u>Administrative</u> [Branch 4] – May be invoked once. when the first SED is received by the Counterparty and before sending the answer. [Branch 5] – May be invoked more than once. [Branch 6] – May be invoked more than once.</p>
Assumptions:	N/A
Notes and Issues:	N/A

4.2. Request – Reply SEDs

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

REQUEST SED	REPLY SED(s)
S072	S073
S050	S073

4.3. Attachments Allowed

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

SED	Attachments
S072	Allowed
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
S072	SED
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 of Participant	BUC

5. Business Processes

This chapter describes the Business Use Case Entitlement Residence Outside Competent Member State without PD – Request by Competent State using BPMN 2.0.

5.1. Case Owner and Counterparty

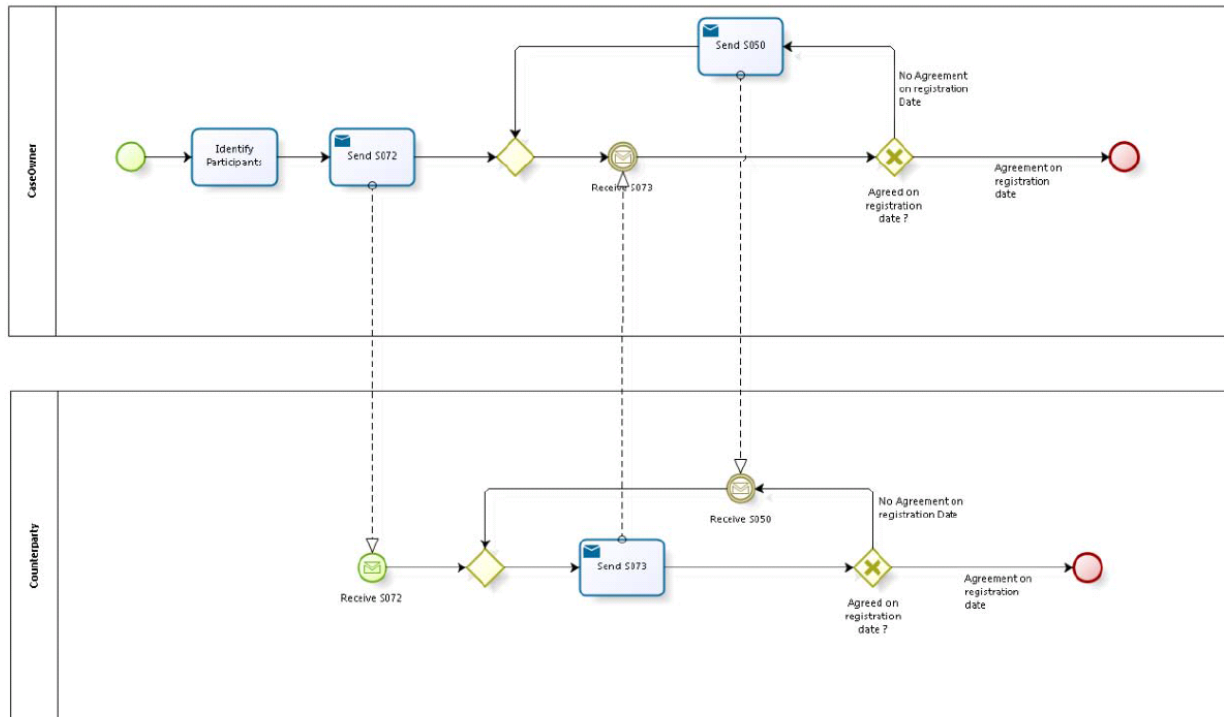


Figure 1: depicts the use case end-to-end for the Case Owner and Counterparty, from a high level.

5.2. Sub Processes

Not applicable

6. Appendices

6.1. Issues

#	Issue date	Description	Replies	Action/Resolution	Close date
1	06/11/2015	Could the "Forward" option be used in this BUC after the counterparty has received the S072 in order to Forward the case to the right institution in his Member State	"Forward" option will be used only at the beginning of the process when the Counterparty has received the first SED	A new branch has been added in the RUP description	07/12/2015
2	06/11/2015	Could the "Reject" option be used in this BUC after the counterparty has received the S072 in order to Reject the case if the counterparty is not the competent institution which should handle the case?	Comment received from France: "This admin processes could be used in this BUC after step 5 of Main Scenario when Counterparty receives a S072 which cannot be handled by him, but he does not know the Institution in the Member State that can handle the case"	It was agreed by the AHG members that the Forward option is only available at the beginning of the process. This "Forward" option can be used when the Counterparty receives the first SED and before sending the answer The document is updated in order to reflect this agreement	20/05/2016
3	08/12/2015	Could the "Invalidate" option be used in this BUC	Comment received from France: "From our point of view this BUC should be used if the process owner sends the SED S072 to the incorrect institution. So, in this case he should be able to withdraw it. "	It was agreed by the AHG members that only H_BUC_01 and AD_BUC_05 Forward could be used within the Sickness BUC.	20/05/2016
4	23/11/2016	BPMN diagram will be updated. "Reminder" will be added for Case Owner and Counterparty		Scheduled for update.	