

 Annex Nr.15 to the note AC 370/16rev

 



EESSI

*S\_BUC\_09*

*Scheduled treatment - Request extension of authorisation in Member State of Stay*









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| v1.1.2 | 30/06/2017 | Joël Fiora | -Included BPMN picture in section 5-Correction in the horizontal sub-process table in 4.5- removed Use Case diagram |
| v4.1.0 | 09/08/2018 | Eric Briffoz | - Section 4.4: merged 2 tables (for SED & for Subprocesses) into 1 Artefact table.- Version adaptations to release 4.1.0. |

# Introduction

## Purpose

The purpose of this document is to construct an external view of the 'EESSI business system' as described in EC Regulations 883/2004 and 987/2009. The ‘EESSI Business System’ describes the business and expected business processes without any 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, and business processes.

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.

## Scope

This document is limited to the external view of the Sickness´ sector process concerning Scheduled treatment - Request extension of authorisation in Member State of Stay. The different elements like use case description, business actors, and business process as well as supporting UML diagrams and BPMN models pertaining to the Scheduled Treatment - Information on Coverage of Specific Benefit in Kind case.

## Definitions, Acronyms and Abbreviations

Please see the EESSI Project Glossary [here](https://webgate.ec.europa.eu/CITnet/confluence/display/EESSI/Project%2BInformation%2Bfor%2BStakeholders)

## References

|  |  |  |
| --- | --- | --- |
| **#** | **Description** |  |
| 1 | EC Regulation 883/2004 | [Regulation EC No 883- 2004.pdf](file://Dfz71070.link2.gpn.gov.uk/../../../../../amadere/AppData/Local/3.Specifications/1-Legal%20Base/Regulation%20EC%20No%20883-%202004.pdf) |
| 2 | EC Regulation 987/2009 | [Regulation EC No 987-2009.pdf](file://Dfz71070.link2.gpn.gov.uk/../../../../../amadere/AppData/Local/3.Specifications/1-Legal%20Base/Regulation%20EC%20No%20987-2009.pdf) |
| 3 | UML 2.x | <http://www.omg.org/spec/UML/> |
| 4 | BPMN 2.0 | <http://www.omg.org/spec/BPMN/index.htm> |
| 5 | UML 2.0 In Action | Henriette Baumann, Patrick Grassle & Philippe Baumann, 2005, ISBN 1904811558 |
| 6 | RUP@EC standard 5.0 | <http://www.cc.cec/RUPatEC_Standard/> |
| 7 | RUP op maat | <http://www.rupopmaat.nl/> |

## Overview

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

Chapter 2 introduces the Scheduled treatment - Request extension of authorisation in Member State of Stay 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 Scheduled treatment - Request extension of authorisation in the Member State of Stay business process.

Chapter 4 describes in detail the Scheduled treatment - Request extension of authorisation in Member State of Stay business process based on the RUP use case template, as well as the relationship to other use cases.

Chapter 5 describes the Scheduled treatment - Request extension of authorisation in Member State of Stay business process using business process modelling notation (BPMN).

# Description

## Business Scenario

When an insured person who is receiving treatment outside the competent Member State having being previously authorized (portable document S2) needs an extension of the authorization, the institution of the Member State requests the competent institution of the Competent Member State for an extension of it. In practice it will likely be at the demand of the care provider (hospital, doctor ...) treating the patient.

## Legal Base

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

* Basic Regulation (EC) No 883/994
* Implementing Regulation (EC) No 987/2009.

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)** |
| **20** | **26** |
| S035 | **✓** | **✓** |
| S037 | **✓** | **✓** |

Table 1: SED – Legal base relationship matrix

# 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 Institution of the Member State of stay where the insured person is receiving an appropriate (scheduled) treatment. |
| ***Counterparty*** | In this BUC The Counterparty is the Institution of the competent Member State entitled to grant an authorization to receive an appropriate treatment. |

*Table 2: Actors & Roles*

# Use Case

## RUP Table Representation

|  |  |
| --- | --- |
| **Use Case ID:** | **S\_BUC\_09** |
| **Use Case Name:** | Scheduled Treatment - Request extension of authorisation in Member State of Stay |
| **Created By:** | Mirko Brusca | **Last Updated By:** | Carine Molle |
| **Date Created:** | 10/01/2015 | **Last Revision Date:** | 01/03/2016 |
| **Actors:** | Case OwnerCounterparty |
| **Description:** | This case deals with the situation when an insured person has been granted an authorization for a scheduled treatment outside the Member State of residence / competent Member State and he/she requires an extension of it. Thus, this BUC models the exchange of information required for an institution of the Member State of stay to request for an extension of this authorization. |
| **Trigger:** | The insured person, in practice through the care provider, requests the institution of the Member State of stay for an extension of the authorisation (portable document S2) to receive the treatment |
| **Preconditions:** | The insured person stays outside the competent Member State. |
| **Post Conditions:** | Institution of Member State of stay is informed whether the authorization is extended or not  |
| **Main Scenario:** | **Identify Participants**1. The Case Owner identifies the Competent Member State entitled to grant the extension of the authorisation;
2. The Case Owner then identifies the correct institution in the Competent Member State. There will be only one counterparty. The Case Owner and the Counterparty are herein collectively referred to as the Participants.

**Request for an extension** 1. The Case Owner fills in the Information of "Request for extension of entitlement document" (S035) entering the date on which the authorisation (portable document S2) was issued and other relevant information, among which the start and end date of the requested extension of the authorisation;
2. The Case Owner sends the S035 to the Counterparty.

**Reply to the request** 1. The Counterparty receives the request for an extension (S035);
2. The Counterparty fills in a "Reply to request for extension of entitlement document" (S037) specifying its decision in respect of the extension of the entitlement document for a scheduled treatment;
3. The Counterparty sends the S037 to the Case Owner;
4. The Case Owner receives the S037;
5. This use case ends here.
 |
| **Alternative Scenarios:** | ***The Following Branches determine the use of Horizontally Defined Sub Processes within the Business Process*** |
| 1. ***At any step after [step 7] the Counterparty may optionally choose to request medical information from Case Owner***
2. The Counterparty executes business use case ***H\_BUC\_08 – Medical Information***
3. [This Branch] Ends.
 |
| 1. ***At any step after [step 8] the Case Owner may optionally choose to request AdHoc Information from Counterparty***
2. The Case Owner executes business use case ***H\_BUC\_01 – Adhoc Exchange of Info;***
3. [This Branch] Ends.
 |
| ***The Following Branches determine the use of Administrative Defined Sub Processes within the Business Process*** |
| 1. ***At any step after [step 5] the Counterparty may optionally choose to Forward this Business Process to another Institution within its MS who assumes responsibility for changing it***
2. The Counterparty executes business use case ***AD\_BUC\_05 – Forward Case;***
3. [This Branch] Ends.
 |
| 1. ***after Branch 1 [step 1] Counterparty may optionally choose to send a reminder in order to receive the Information expected and not yet received***
2. The Counterparty executes business use case ***AD\_BUC\_07 -*\_*Reminder;***
3. [This Branch] Ends
 |
| 1. ***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.***
2. The Case Owner executes business use case ***AD\_BUC\_07*\_ *-*\_*Reminder;***
3. [This Branch] Ends
 |
| **Exceptions:** | None |
| **Includes:** | See diagram at part 4.4 |
| **Special Requirements:** | **SR0**: General RuleAs the request is individualized the case can concern only one person. **SR1**: Rules about invoking of Branches[Branch 1] – May be invoked more than once[Branch 2] – May be invoked more than once[Branch 3] – May be invoked once when the first SED is received by ounterparty and before sending the answer[Branch 4] – May be invoked more than once.[Branch 5] – May be invoked more than once. |
| **Assumptions:** |  |
| **Notes and Issues:** |   |

## 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)** |
| --- | --- |
| **S035** | S037 |

## Attachments Allowed

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

| **SED** | **Attachments** |
| --- | --- |
| **S035** | Allowed  |
| **S037** | Allowed |

## Artefacts used

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

| **Artefact name** | **Artefact type** |
| --- | --- |
| **S035** | SED |
| **S037** | SED |
| **H\_BUC\_01\_Subprocess** | BUC |
| **H\_BUC\_08\_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 |

# Business Processes

This chapter describes the Business Use Case Scheduled treatment - Request extension of authorization in Member State of Stay using BPMN 2.0.

## Case Owner and Counterparty



Figure 2: depicts the use case end-to-end for the Case Owner and Counterparty, from a high level.

## Sub Processes

Not applicable.

# Business Processes

## Issues

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **#** | **Issue date** | **Description** | **Replies** | **Action/Resolution** | **Close date** |
| 1 | 28/06/2016 | Conversion of BPMN to split between Case Owner and Counterparty. |  | Scheduled for update. |  |