eHealth platform – G19 report

Hub service "getHCPartyConsent" : functional description

Version	Date	Description
1.0	30/07/2010	First release hub – metahub system.

Introduction

This document aims to provide the *functional description* of the service 'getHCPartyConsent' that should be provided by each hub to its clients (hospitals, GP server, etc.).

The description is limited to functional elements: purpose, business XML messages. Pragmatic considerations such as security and WSDL descriptions are out-of-scope of this document. The description does not include the overall usage conditions that have to be implemented by the hubs (e.g. regarding the legal aspects).

This document is a part of KMEHR specification. (https://www.ehealth.fgov.be/standards/kmehr/)

The document is structured as follows:

- We first provide a 'functional description' of the service (purpose, input and output parameters independently of their XML representation …).
- We then translate this functional description into a KMEHR service (i.e. we describe the excepted input and output messages)

This document does not contain any XML example. Those examples are available on the kmehr site.

1 Functional description

The role of the healthcare party consent is to indicate that the hcparty is active and has accepted the general use of the hub services. The rules behind this acceptation are out-of-scope of this technical specification.

We only describe a service that allows a hub client to get 'healthcare party consent'. However, the hubs may also provide facilities to retrieve 'physically' the healthcare party consent on the hub itself.

Service name	getHCPartyConsent
Purpose	This service should be used to retrieve the consent of an healthcare party within a hub. Its main purpose is to allow one to check if there is an active consent for a given healthcare party.
Input parameters	- the identifier of an healthcare party HCP - the sender S of the request, i.e. the healthcare party that performs the operation call - information about the transaction (id/date/time)
Output parameters	- the initial request - an acknowledge indicating the completion of the request - the consent of healthcare party as stored within the hub
Post-condition	
Possible exceptions	- Technical error - Invalid or incorrect data : - Invalid identifier of healthcare party - S is not accredited within the hub - S is not allowed to perform the operation according to the hub rules
Comments	**- Identification of healthcare party:** an healthcare professional is identified by its INSS number and NIHII number (if available); a hospital is identified by its NIHII number.

2 Message description

2.1 Syntax: XSchema

Operation name	PutHCPartyConsent
Input data	request x select
Output data	response x acknowledge x consent

2.2 Semantics: rules and interpretation

2.2.1 Input data

The 'request' parameter gathers the elements relative to the

- information about the request (id, date, time),
- sender of the request.

The 'select' parameter covers

- the identifier of healthcare party.

Parameter	Attributes		Comments
request	id [1]	Identification of the request within the caller system.	
	author [1]	The sender of the request represented as a sequence of *hcparty* elements. It must at least contain the healthcare party corresponding to the organization responsible of the system.	This information must be coherent with the information provided in the technical identification and authentication system (e.g. certificate).
	date [1]	Date of request	
	time [1]	Time of request	
select	hcparty [1]	Healthcare party concerned by the consent.	Contains only the identifiers of the healthcare party. This is the NIHII or INSS number according to the type of hcparty. Other local identifiers are allowed.

2.2.2 Output data

The 'response' parameter gathers the elements relative to the

- information about the response (id, date, time),
- initial request,
- sender of the response.

The 'acknowledge' parameter gathers the element relative to the

- service completion,
- errors or exceptions that occurred during the service execution.

The 'consent' parameter covers

- the consent as stored within the hub,

Parameter	Attributes		Comments
response	id [1]	Identifier of the response within the target hub	

	author [1]	Sender of the response: the target hub	
	date [1]	Date of response	
	time [1]	Time of response	
	request [1]	Initial request	
acknowledge	iscomplete [1]	Indicates if the execution has been successfully completed	The execution is successful if the conditions were fulfilled to retrieve the consent – even not found -
	error [0-*]	Indicates the error/exception descriptions	
consent	hcparty [1]	The healthcare party concerned by the consent	Contains at least the identifier of the hcparty. This is the NIHII or INSS number according to the type of hcparty. Other local identifiers are allowed.
	signdate [1]	The signing date of the consent by the healthcare party	
	author [1]	The owner(s) of the consent represented as a sequence of hcparty	