



**eHealth SSO
MediPrima WS Consult**

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eHealth platform

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To the attention of: “IT expert” willing to integrate this web service.



1 Document management

1.1 Document history

Version	Date	Author	Description of changes / remarks
1.0	27/10/2016	eHealth platform	First version
2.0	12/07/2018	eHealth platform	Add OTD, Add Pharmacist in pharmacy
2.1	01/10/2019	eHealth platform	Adapt MediPrima Consult title
2.2	19/08/2025	eHealth platform	Add Guard Post

2 Use of the eHealth SSO solution

This section specifies how the call to STS must be done to have access to the web service. You must precise several attributes in the request.

To access to the MediPrima web service, the response token must contain:

- "true" for all of the boolean certification attributes.
- A value for all the nihii11 certification attributes

If you obtain:

- obtain "false" for one boolean certification attributes
- do not obtain any value for one of the nihii11 certification attributes

Contact eHealth to verify that the requested test cases were correctly configured.

The documents MediPrima_STS_samlRequest.xml and MediPrima_STS_samlResponse.xml provide STS request/response examples for doctor.

2.1 Healthcare professional

The request for the SAML token is secured with the eID¹ of the professional. The certificate used by the Holder-Of-Key (HOK) verification mechanism is an eHealth certificate. The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The social security identification number of the professional:
 - *urn:be:fgov:ehealth:1.0:certificateholder:person:ssin*
 - *urn:be:fgov:person:ssin*

For each professional, the following information must be asserted by eHealth :

- The social security identification number of the professional : (AttributeNamespace: "urn:be:fgov:identification-namespace")
 - *urn:be:fgov:ehealth:1.0:certificateholder:person:ssin*
 - *urn:be:fgov:person:ssin*
- The user uses his/her personal certificate (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"): *urn:be:fgov:ehealth:1.0:certificateholder:person:ssin:usersession:boolean*

Depending on the professional category, other attributes may be asserted by eHealth. These attributes are listed in the below sections.

2.1.1 Doctor

Doctor as individual must also request this attribute in the AttributeQuery:

- The NIHI number of the doctor (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"): *urn:be:fgov:person:ssin:ehealth:1.0:doctor:nihi11*
- The doctor must be recognized as a generalist doctor (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"): *urn:be:fgov:person:ssin:ehealth:1.0:nihi:doctor:generalist:boolean*

¹ As fallback, in absence of the eID, the personal eHealth certificate can be used for authentication instead.

2.2 Healthcare institution

The SAML token request is secured with the eHealth certificate of the institution. The certificate used by the HOK verification mechanism is the same eHealth certificate. The needed attributes depends on the institution type.

2.2.1 Hospital

The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The NIHI number of the hospital:
 - *urn:be:fgov:ehealth:1.0:hospital:nihi-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:hospital:nihi-number*

The healthcare institution must also specify which information must be asserted by the eHealth platform:

- The NIHI number of the healthcare institution (AttributeNamespace: "urn:be:fgov:identification-namespace"):
 - *urn:be:fgov:ehealth:1.0:hospital:nihi-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:hospital:nihi-number*
- The hospital must be recognized (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
urn:be:fgov:ehealth:1.0:certificateholder:hospital:nihi-number:recognisedhospital:boolean
- The NIHI number (11 positions) of the hospital (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
urn:be:fgov:ehealth:1.0:hospital:nihi-number:recognisedhospital:nihi11

2.2.2 OT/TD²

The SAML token request is secured with the eHealth certificate of the OT/TD. The certificate used by the HOK verification mechanism is the same.

The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The NIHI number of the OT/TD:
 - *urn:be:fgov:ehealth:1.0:otdpharmacy:nihi-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:otdpharmacy:nihi-number*

OT/TD must also specify which information must be asserted by the eHealth platform:

- The NIHI number of the OT/TD (namespace: urn:be:fgov:identification-namespace):
 - *urn:be:fgov:ehealth:1.0:otdpharmacy:nihi-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:otdpharmacy:nihi-number*
- To have access to Mediprima Consultation, the OT/TD must be a recognized OT/TD (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
 - *urn:be:fgov:ehealth:1.0:certificateholder:otdpharmacy:nihi-number:recognisedotdpharmacyboolean*

² OT : Office de tarification / TD : Tarifieringsdienst

- The NIHI number (11 positions) of the OT/TD (AttributeNamespace: urn:be:fgov:certifiednamespace:health):
 - *urn:be:fgov:health:1.0:otdpharmacy:nihi-number:recognisedotdpharmacy:nihi11*

2.2.3 Pharmacy

Pharmacies must specify several attributes in the request. The request to the STS is secured with the eID of the pharmacist starting the session. The certificate of the pharmacy issued by the eHealth platform is used by the HOK mechanism.

The attributes that need to be provided in the request are the following (AttributeNamespace: urn:be:fgov:identification-namespace):

- The social security identification number of the person starting the session (must be a pharmacist):
 - *urn:be:fgov:health:1.0:certificateholder:person:ssin*
 - *urn:be:fgov:person:ssin*
- The identification of the pharmacy:
 - *urn:be:fgov:health:1.0:pharmacy:nihi-number*
- The identification of the pharmacy holder:
 - *urn:be:fgov:person:ssin:health:1.0:pharmacy-holder*

Pharmacies must also specify which information must be asserted by the eHealth platform. To have access to the web service, the following data must be validated:

- The SSIN of the person starting the session : (AttributeNamespace: urn:be:fgov:identification-namespace)
 - *urn:be:fgov:health:1.0:certificateholder:person:ssin*
 - *urn:be:fgov:person:ssin*
- The NIHI number of the pharmacy (the link between the pharmacy and the pharmacist starting the session is not verified, any pharmacist can start the session): (AttributeNamespace: urn:be:fgov:identification-namespace)
 - *urn:be:fgov:health:1.0:pharmacy:nihi-number*
- The NIHI number (11 positions) of the OT/TD (AttributeNamespace: urn:be:fgov:certifiednamespace:health):
 - *urn:be:fgov:health:1.0:pharmacy:nihi-number:recognisedpharmacy:nihi11*
- The pharmacy must be a recognized pharmacy: (AttributeNamespace: urn:be:fgov:certified-namespace:health)
 - *urn:be:fgov:health:1.0:pharmacy:nihi-number:recognisedpharmacy:boolean*
- The identification of the pharmacy holder (SSIN), i.e. the pharmacist responsible for all activities performed in the pharmacy: (AttributeNamespace: urn:be:fgov:identification-namespace)
 - *urn:be:fgov:person:ssin:health:1.0:pharmacy-holder*
- The pharmacy holder must be the certified pharmacy holder of the given pharmacy: (AttributeNamespace: urn:be:fgov:certified-namespace:health)
 - *urn:be:fgov:health:1.0:pharmacy:nihi-number:person:ssin:health:1.0:pharmacy-holder:boolean*



- To have access to the therapeutic link web service, the person must be a pharmacist:
(AttributeNamespace: *urn:be:fgov:certifiednamespace:ehealth*)
 - *urn:be:fgov:person:ssin:ehealth:1.0:fpsph:pharmacist:boolean*

2.2.4 Guard Post

The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The NIHI number of the guard post:
 - *urn:be:fgov:ehealth:1.0:guardpost:nihi-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:guardpost:nihi-number*

The Guard Post institution must also specify which information must be asserted by the eHealth platform:

- The NIHI number of the healthcare institution (AttributeNamespace: "urn:be:fgov:identification-namespace"):
 - *urn:be:fgov:ehealth:1.0:guardpost:nihi-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:guardpost:nihi-number*
- The hospital must be recognized (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
urn:be:fgov:ehealth:1.0:certificateholder:guardpost:nihi-number:recognisedguardpost:boolean
- The NIHI number (11 positions) of the hospital (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
urn:be:fgov:ehealth:1.0:guardpost:nihi-number:recognisedguardpost:nihi11