



**MCN eCounter
eHealth SSO
Version 1.0**

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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	28/07/2026	eHealth platform	First version

2. Use of the eHealth SSO Solution

The complete overview of the profile and a step-by-step implementation to start protecting a new application with SSO @ eHealth is described in the eHealth SSO cookbook.

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

To access the eCounter web services, the response token must contain:

- “true” for all of the boolean certification attributes.
- a value for all the nihii11 certification attributes.

If-:

- you obtain “false” for one boolean certification attributes;
- you do not obtain any value for one of the nihii11 certification attributes;

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

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 required attributes are the following:

- The social security identification number (SSIN) of the professional:
urn:be:fgov:health:1.0:certificateholder:person:ssin and *urn:be:fgov:person:ssin*

For each professional, eHealth has to assert the following information:

- The SSIN of the professional-: *urn:be:fgov:health:1.0:certificateholder:person:ssin* and *urn:be:fgov:person:ssin*

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 must also request this attribute-:

- The NIHII of the doctor-:
urn:be:fgov:person:ssin:health:1.0:doctor:nihii11

2.1.2 Dietician

Dietician must also request this attribute-:

- The NIHII number of the dietician-: *urn:be:fgov:person:ssin:health:1.0:nihii:dietician:nihii11*

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

2.2 Pharmacist in a pharmacy

The request for the SAML token is secured with the eID² of the pharmacist. The certificate³ of the pharmacy issued by eHealth is used by the HOK mechanism. The attributes that need to be provided in the request are the following-:

- the SSIN of the person starting the session (must be a pharmacist):
urn:be:fgov:health:1.0:certificateholder:person:ssin and *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 eHealth. To have access to the web service, the following data must be validated:

- the SSIN of the person starting the session (must be a pharmacist, this is verified by eHealth):
 - *urn:be:fgov:health:1.0:certificateholder:person:ssin* and *urn:be:fgov:person:ssin*
- the NIHI of the pharmacy (the link between the pharmacy and the pharmacist starting the session is not verified, any pharmacist can start the session):
 - *urn:be:fgov:health:1.0:pharmacy:nihi-number*
- the pharmacy must be a recognized pharmacy:
 - *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:
 - *urn:be:fgov:person:ssin:health:1.0:pharmacy-holder*
- the identification of the pharmacy holder (NIHI11), i.e. the pharmacist responsible for all activities performed in the pharmacy:
 - *urn:be:fgov:person:ssin:health:1.0:pharmacy-holder:certified:nihi11*
- the pharmacy holder must be the certified pharmacy holder of the given pharmacy:
 - *urn:be:fgov:health:1.0:pharmacy:nihi-number:person:ssin:health:1.0:pharmacy-holder:boolean*
- the person must be a recognized pharmacist:
 - *urn:be:fgov:person:ssin:health:1.0:fpsph:pharmacist:boolean*

2.3 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 depend on the institution type (for example: hospital, lab, group of nurses, ...).

2.3.1 Hospital

The required attributes are the following-:

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

² As fallback, in absence of the eID, the personal eHealth certificate can be used for authentication instead.

³ The information about the eHealth certificates and the certificate requesting procedures can be found at <https://www.ehealth.fgov.be/ehealthplatform/fr/service-certificats-ehealth>

- *urn:be:fgov:health:1.0:certificateholder:hospital:nihi-number*

Hospital must also specify which information must be asserted by eHealth:

- The NIHI of the hospital-:
 - *urn:be:fgov:health:1.0:hospital:nihi-number*
 - *urn:be:fgov:health:1.0:certificateholder:hospital:nihi-number*
- The hospital must be a recognized hospital-:
 - *urn:be:fgov:health:1.0:certificateholder:hospital:nihi-number:recognisedhospital:boolean*
- The NIHI (11 positions) of the hospital-:
 - *urn:be:fgov:health:1.0:hospital:nihi-number:recognisedhospital:nihi11*

2.3.2 Medical house

The needed attributes are the following-:

- The NIHI of the medical house:
 - *urn:be:fgov:health:1.0:medicalhouse:nihi-number*
 - *urn:be:fgov:health:1.0:certificateholder:medicalhouse:nihi-number*

Medical house must also specify which information must be asserted by eHealth:

- The NIHI of the medical house-:
 - *urn:be:fgov:health:1.0:medicalhouse:nihi-number*
 - *urn:be:fgov:health:1.0:certificateholder:medicalhouse:nihi-number*
- The medical house must be a recognized medical house-:
 - *urn:be:fgov:health:1.0:certificateholder:medicalhouse:nihi-number:recognisedmedicalhouse:boolean*
- The NIHI (11 positions) of the medical house-:
 - *urn:be:fgov:health:1.0:medicalhouse:nihi-number:recognisedmedicalhouse:nihi11*

2.3.3 Guard post

The required attributes are the following-:

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

Guard post must also specify which information must be asserted by eHealth:

- The NIHI of the guard post-:
 - *urn:be:fgov:health:1.0:guardpost:nihi-number*
 - *urn:be:fgov:health:1.0:certificateholder:guardpost:nihi-number*
- The guard post must be recognized-:
 - *urn:be:fgov:health:1.0:certificateholder:guardpost:nihi-number:recognisedguardpost:boolean*
- The NIHI (11 positions) of the guard post-:
 - *urn:be:fgov:health:1.0:guardpost:nihi-number:recognisedguardpost:nihi11*
 -

2.3.4 Office doctors

The required attributes are the following-:

- The NIHI of the office doctors-:



- *urn:be:fgov:health:1.0:officedoctors:nihii-number*
- *urn:be:fgov:health:1.0:certificateholder:officedoctors:nihii-number*

Office doctors must also specify which information must be asserted by eHealth:

- The NIHII of the office doctors-:
 - *urn:be:fgov:health:1.0:officedoctors:nihii-number*
 - *urn:be:fgov:health:1.0:certificateholder:officedoctors:nihii-number*
- The office doctors must be a recognized office doctors-:
 - *urn:be:fgov:health:1.0:certificateholder:officedoctors:nihii-number:recognisedofficedoctors:boolean*
- The NIHII (11 positions) of the office doctors-:
 - *urn:be:fgov:health:1.0:officedoctors:nihii-number:recognisedofficedoctors:nihii11*

2.3.5 Group of doctors

The required attributes are the following-:

- The NIHII of the group of doctors-:
 - *urn:be:fgov:health:1.0:groupofdoctors:nihii-number*
 - *urn:be:fgov:health:1.0:certificateholder:groupofdoctors:nihii-number*

Group of doctors must also specify which information must be asserted by eHealth:

- The NIHII of the group of doctors-:
 - *urn:be:fgov:health:1.0:groupofdoctors:nihii-number*
 - *urn:be:fgov:health:1.0:certificateholder:groupofdoctors:nihii-number*
- The group of doctors must be a recognized group of doctors-:
 - *urn:be:fgov:health:1.0:certificateholder:groupofdoctors:nihii-number:recognisedgroupofdoctors:boolean*
- The NIHII (11 positions) of the group of doctors-:
 - *urn:be:fgov:health:1.0:groupofdoctors:nihii-number:recognisedgroupofdoctors:nihii11*