



**Social Security
ONSS/RSZ**

**Place Victor Horta 11 - 1060 BRUXELLES - Tél 02 509 31 11 -
Fax 02 509 30 19 - Internet: www.onss.fgov.be**

**Victor Hortaplein 11 -1060 BRUSSEL - Tel. 02 509 31 11 -
Fax 02 509 30 19 - Internet: www.rsz.fgov.be**

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Service Specification:

Integration and use of the service

**PresenceRegistration
Version 1.11 (*Validated Document*)**

into an external application

To the attention of: "IT expert" aiming to integrate this Service

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1. GOAL OF THE SERVICE

The service PresenceRegistration is a service for recording the presence of workers at the workplace by an employer and the consultation of such data by internal applications.

2. DOCUMENT MANAGEMENT

2.1 DOCUMENT GOAL

This document provides functional and technical information on calling PresenceRegistration, as provided by the National Social Security Office (NSSO). This information should allow (the IT department of) an organization to integrate and use the service.

In this service specification document, we explain the structure and content aspects of the possible service requests and replies. An example illustrates each of those messages. Also, the list of possible errors is included in this document.

Some technical and legal requirements must be satisfied in order to allow the integration of the services in client applications; this document was written in order to provide you with an overview of requirements which have to be met in order to integrate correctly with the Services offered by National Social Security Office (NSSO).

2.2 DOCUMENT HISTORY

Version	Date	Author	Description of changes / remarks
0.1	20/11/2013	T. Defrancq	Initial version 1.2
0.2	11/12/2013	S. Dawir	Review
0.3	10/09/2014	D. Thomas	This service Specification is generated based on XSD/WSDL 1.6 (first run). In paralel, a manual Service Specification is also made and published in the UDDI.
0.4	12/06/2015	V. Adam / H. Bahri	This service Specification is generated based on XSD/WSDL 1.7
0.5	13/07/2015	V. Adam / H. Bahri	This service Specification is generated based on XSD/WSDL 1.8
0.6	20/08/2015	V. Adam / D. Schelfhout	This service Specification is generated based on XSD/WSDL 1.9
0.7	12/11/2019	V. Adam / F. Boulanger	This service Specification is generated based on XSD/WSDL 1.10 & 1.11
0.8	03/07/2024	G. Vitale / O. Naska	Technical prerequisites and Security section updates. (SocSec UDDI and Sha-1 deprecation.)

2.3 DOCUMENT REFERENCES

General information about the web services data exchange is available on the Social Security Portal:

https://www.socialsecurity.be/site_nl/general/helpcentre/soa/index.htm

https://www.socialsecurity.be/site_fr/general/helpcentre/soa/index.htm

Detailed information about this service is available on the Social Security Portal:

https://www.socialsecurity.be/site_nl/employer/applics/checkinatownk/index.htm

https://www.socialsecurity.be/site_fr/employer/applics/checkinatownk/index.htm

3. SERVICE HISTORY

This chapter contains the list of changes to the service since the previous publication.

Remark: If only the minor(y) number has changed, the service is backward compatible with the previous version. Existing consumers with no need to use the new functionality do not have to change their implementation.

Previous release date: 15/05/2018

Previous version number: 1.9

List of changes:

27/08/2014 v 1.4:

Add operations SearchPresences and GetPresentRegistration

Added functionality for the PresenceRegistration service to offers inspection services (Dosis-KSZ) the ability to use the web service to:

1. Get a list of presence registrations by using search criteria (by INSS and/or CompanyID and/or WorkPlaceId)
2. Get all the historic details of a particular presence registration

03/09/2014 v1.5: Finetuning interface added operations in v1.4 (validated xml tags)

09/09/2014 v1.6: Finetuning interface added operations in v1.4 (validated xml-tags)

10/06/2015 v.1.7:

ValidationHistoryType: element changed (maxOccurs added)

name="Validation" type="ValidationType" maxOccurs="unbounded"

==> impact on

- CancelPresencesResponse
- RegisterPresencesResponse
- GetPresenceRegistrationResponse
- SearchPresencesResponse

8/07/2015 v.1.8:

name="Sector" type="WorkSectorType" added

- ==>
- CancelPresencesResponse impacted
 - GetPresenceRegistrationResponse impacted
 - RegisterPresencesResponse impacted
 - SearchPresencesRequest impacted
 - SearchPresencesResponse impacted

20/08/2015 v.1.9:

name="PresenceRegistrationConsultSubmitType" added

element PresenceRegistrationSubmitted removed

- ==>
- CancelPresencesResponse impacted
 - GetPresenceRegistrationResponse impacted
 - RegisterPresencesResponse impacted
 - SearchPresencesResponse impacted

Add documentation

8/11/2019 v.1.11:

element name="VatNumber" type="VatNumberType" added

element name="RegistrationPeriodList" type="RegistrationPeriodListType" changed

- ==>
- CancelPresencesResponse impacted
 - GetPresenceRegistrationResponse impacted
 - RegisterPresencesResponse impacted
 - SearchPresencesRequest impacted
 - SearchPresencesResponse impacted

4. PREREQUISITES

4.1 BUSINESS PREREQUISITES

Service is accessible to any employer registered as user on the Social Security portal with the approval of the Social Security. https://www.socialsecurity.be/site_fr/general/helpcentre/soa/overview.htm

Users who are part of a professional sector submitted to the obligation of presence registration to the National Social Security Office and wanting to integrate their planning tools or other relevant systems with the PresenceRegistration service.

Inspection Services can use the service to consult the presence registrations available in the system.

4.2 TECHNICAL PREREQUISITES

4.2.1 Security

The PresenceRegistration-v1 Soap web service, in order to conform to security enhanced standards will soon cut the support for the security endpoints using Basic256 (Sha-1) algorithm suite for security policy bindings. (ref.: ws-securitypolicy-spec).

Only Basic256Sha256 is and will be supported.

If, in your requests as a client, you currently use:

- X.509 Token Profile (Sha-1),
- SAML Token Profile holder-of-key (Sha-1), or
- SAML Token Profile sender-vouches

you are required to migrate to

- X.509 Token Profile (Sha-256)

by using/referring to the [be/socialsecurity/presenceregistration/v1/PresenceRegistration-X509Sha256_v1.wsdl](#) located in the Service Contract Archive in the Classifications section of the portal page*,

or

- SAML Token Profile (holder-of-key) (Sha-256)

by using/referring to the [be/socialsecurity/presenceregistration/v1/PresenceRegistration-SAMLHokSha256_v1.wsdl](#) located in the Service Contract Archive in the Classifications section of the portal page*

* portal page: https://www.socialsecurity.be/site_fr/general/helpcentre/soa/presence_registration.htm

5. DESCRIPTION OF THE SERVICE OPERATIONS

The service consists of following operations :

Operations	Description
cancelPresences	A list of presence registrations to cancel. The list contains one or more CancelPresenceRequestType Complex Type with a PresenceRegistrationId and the CancellationReason. Current allowed values of the CancellationReason are HOLIDAY, DISEASE, PLANNING, C32A
getPresenceRegistration	In order to get all the possible details about a certain presence registration one can use this call to retrieve the full history of a certain presence registration identified by its PresenceRegistrationId.

registerPresences	This operation is used to submit one or more presence registrations to the Social Security as required in some worksites. A typical registration requires to provide the who, where and when information. You may make up till 200 of such PresenceRegistrationRequests of the complex type PresenceRegistrationSubmitType in one call to the RegisterPresencesRequest, which will be answered by a RegisterPresencesResponse with each RegisterPresenceResponse either returning a PresenceRegistrationType (=success) or a PresenceRegistrationErrorType (=failed registration).
searchPresences	This operation allows to search one or more presence registrations as required on some worksites. A SearchPresencesRequest contains search criteria (SearchPresenceRegistrationCriteria), together with pagination (PaginationProperties) and sorting possibilities (SortingProperties) to return a SearchPresencesResponse with a list of presence registrations that correspond to the above criteria and properties. The user must indicate a period for the registration : the fields RegistrationPeriodStartDate and RegistrationPeriodEndDate are mandatory. The reply message is given as a SearchPresencesResponse and contains the original request (SearchPresencesRequest) and either a PresenceRegistrationList or a PresenceRegistrationError. In case it is a PresenceRegistrationList, it contains the result count. The number of presence registrations is limited to 500.

5.1 OPERATION REGISTERPRESENCES

5.1.1 Request message construction

sequence

<> [1..200] **PresenceRegistrationRequest** (PresenceRegistrationSubmitType)

5.1.1.1 *Example*

Example: a typical presence registration for Temporary or Mobile site for

a worker subjected to the Belgian Social Security

a worker not subjected to the Belgian Social Security

```
<RegisterPresencesRequest xmlns="http://socialsecurity.be/presenceregistration/v1"
xmlns:types="http://socialsecurity.be/presenceregistration/schemas/v1">
  <!--1 to 200 repetitions-->
  <types:PresenceRegistration>
    <types:RegistrationDate>2013-12-01</types:RegistrationDate>
    <types:INSS>78012340961</types:INSS>
    <types:CompanyID>438195916</types:CompanyID>
```

```

        <types:WorkPlaceld>1Y1000NF9KCQZ</types:WorkPlaceld>
        <!--Optional ClientPresenceRegistrationReference-->
        <types:ClientPresenceRegistrationReference>
client_reference_here
</types:ClientPresenceRegistrationReference>
    </types:PresenceRegistration>
    <types:PresenceRegistration>
        <types:RegistrationDate>2013-12-01</types:RegistrationDate>
        <types:Limosald>24910158641968060</types:Limosald>
        <types:WorkPlaceld>1Y1000NF9KCQZ</types:WorkPlaceld>
        <!--Optional ClientPresenceRegistrationReference-->
        <types:ClientPresenceRegistrationReference>
client_reference_2_here
</types:ClientPresenceRegistrationReference>
    </types:PresenceRegistration>
</RegisterPresencesRequest>

```

Same example formatted as a valid soap message

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://socialsecurity.be/presenceregistration/v1 "
xmlns:v11="http://socialsecurity.be/presenceregistration/schemas/v1 ">
  <soapenv:Header/>
  <soapenv:Body>
    <v1:RegisterPresencesRequest>
      <v1:PresenceRegistrationRequest>
        <v11:RegistrationDate>2013-12-01</v11:RegistrationDate>
        <v11:INSS>78012340961</v11:INSS>
        <v11:CompanyID>448181966</v11:CompanyID>
        <v11:WorkPlaceld>1Y1000003EQCZ</v11:WorkPlaceld>
      </v1:PresenceRegistrationRequest>
      <v1:PresenceRegistrationRequest>
        <v11:RegistrationDate>2013-12-01</v11:RegistrationDate>
        <v11:Limosald>24910158641968060</v11:Limosald>
        <v11:WorkPlaceld>1Y1000003EQCZ</v11:WorkPlaceld>
        <!--Optional-->
        <v11:ClientPresenceRegistrationReference>

```

Ref 1

```

</v11:ClientPresenceRegistrationReference>
      </v1:PresenceRegistrationRequest>
    </v1:RegisterPresencesRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

5.1.2 Reply message interpretation

sequence

<> [1..200] **PresenceRegistrationResponse** (RegisterPresenceRegistrationResponse)

5.1.2.1 Example

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Header>
  </S:Header>
  <S:Body>
    <ns4:RegisterPresencesResponse xmlns="http://socialsecurity.be/errors/v1 "
xmlns:ns2="http://socialsecurity.be/errors/serviceprovider/v1 "
xmlns:ns3="http://socialsecurity.be/presenceregistration/schemas/v1 "
xmlns:ns4="http://socialsecurity.be/presenceregistration/v1 ">
      <ns4:PresenceRegistrationResponse>
        <ns3:PresenceRegistration>
          <ns3:PresenceRegistrationSubmitted>
            <ns3:RegistrationDate>2013-12-01</ns3:RegistrationDate>
            <ns3:INSS>78012340961</ns3:INSS>
            <ns3:CompanyID>448181966</ns3:CompanyID>
            <ns3:WorkPlaceld>1Y1000003EQCZ</ns3:WorkPlaceld>
          </ns3:PresenceRegistrationSubmitted>
          <ns3:ClientPresenceRegistrationReference>ref</ns3:ClientPresenceRegistrationReference>
        </ns3:PresenceRegistration>
      </ns4:PresenceRegistrationResponse>
    </ns4:RegisterPresencesResponse>
  </S:Body>
</S:Envelope>

```

```

<ns3:INSS>78012340961</ns3:INSS>
<ns3:PresenceRegistrationId>53102</ns3:PresenceRegistrationId>
<ns3:CreationDate>2013-12-01T16:00:00.769</ns3:CreationDate>
<ns3:Channel>WS</ns3:Channel>
<ns3>LastValidation>
  <ns3>Status>SUCCESSFULLY REGISTERED</ns3>Status>
</ns3>LastValidation>
</ns3:PresenceRegistration>
</ns4:PresenceRegistrationResponse>
<ns4:PresenceRegistrationResponse>
  <ns3:PresenceRegistration>
    <ns3:PresenceRegistrationSubmitted>
      <ns3:RegistrationDate>2013-12-01</ns3:RegistrationDate>
      <ns3:Limosald>24910158641968060</ns3:Limosald>
      <ns3:WorkPlaceld>1Y1000003EQCZ</ns3:WorkPlaceld>
    </ns3:PresenceRegistrationSubmitted>
  </ns3:PresenceRegistration>
</ns4:PresenceRegistrationResponse>
<ns3:ClientPresenceRegistrationReference>client_reference_2</ns3:ClientPresenceRegistrationReference>
  <ns3:PresenceRegistrationSubmitted>
    <ns3:PresenceRegistrationId>53103</ns3:PresenceRegistrationId>
    <ns3:CreationDate>2013-12-01T16:00:00.798</ns3:CreationDate>
    <ns3:Channel>WS</ns3:Channel>
    <ns3>LastValidation>
      <ns3>Status>SUCCESSFULLY REGISTERED</ns3>Status>
    </ns3>LastValidation>
  </ns3:PresenceRegistrationSubmitted>
</ns3:ClientPresenceRegistrationReference>
</ns4:RegisterPresencesResponse>
</S:Body>
</S:Envelope>

```

5.1.3 Error codes

The error codes listed here define possible business errors whilst processing the request. These error codes indicate a problem in the content of the request, including format errors.

Error code	Description
2	Invalid companyId node content. Invalid KBO/BCE number
3	Invalid companyId node content. Invalid KBO/BCE number
4	Invalid WorkPlaceld node content. Invalid Déclaration de Travaux/Aangifte van Werken number
5	Invalid INSS node content. Invalid INSZ/INSS number
6	Invalid registration date (only today or tomorrow are allowed)

5.2 OPERATION CANCELPRESENCES

5.2.1 Request message construction

sequence

<> [1..200] **CancelPresenceRequest** (CancelPresenceRequestType)

5.2.1.1 Example

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://socialsecurity.be/presenceregistration/v1"
xmlns:v11="http://socialsecurity.be/presenceregistration/schemas/v1">
  <soapenv:Header/>
  <soapenv:Body>
    <v1:CancelPresencesRequest>

```

```

<!--1 to 200 repetitions-->
<v1:CancelPresenceRequest>
  <v11:PresenceRegistrationId>50605</v11:PresenceRegistrationId>
  <v11:CancellationReason>HOLIDAY</v11:CancellationReason>
</v1:CancelPresenceRequest>
<v1:CancelPresenceRequest>
  <v11:PresenceRegistrationId>50606</v11:PresenceRegistrationId>
  <v11:CancellationReason>HOLIDAY</v11:CancellationReason>
</v1:CancelPresenceRequest>
</v1:CancelPresencesRequest>
</soapenv:Body>
</soapenv:Envelope>

```

5.2.2 Reply message interpretation

sequence

<> [1..200] **CancelPresenceResponse** (CancelPresenceRegistrationResponse)

5.2.2.1 Example

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Header>
    <WorkContext xmlns="http://oracle.com/weblogic/soap/workarea/">context</WorkContext>
  </S:Header>
  <S:Body>
    <ns2:CancelPresencesResponse xmlns="http://socialsecurity.be/presenceregistration/schemas/v1"
  xmlns:ns2="http://socialsecurity.be/presenceregistration/v1" xmlns:ns3="http://socialsecurity.be/errors/serviceprovider/v1"
  xmlns:ns4="http://socialsecurity.be/errors/v1">
      <ns2:CancelPresenceResponse>
        <PresenceRegistration>
          <PresenceRegistrationSubmitted>
            <RegistrationDate>2013-12-10</RegistrationDate>
            <INSS>78012340961</INSS>
            <CompanyID>448181966</CompanyID>
            <WorkPlaceld>1Y1000003EQCZ</WorkPlaceld>
            <ClientPresenceRegistrationReference>Test
Tiele</ClientPresenceRegistrationReference>
          </PresenceRegistrationSubmitted>
          <INSS>78012340961</INSS>
          <PresenceRegistrationId>60247</PresenceRegistrationId>
          <CreationDate>2013-12-09T11:34:57.438</CreationDate>
          <Channel>WS</Channel>
          <LastValidation>
            <Status>SUCCESSFULLY CANCELLED</Status>
            <ValidationDate>2013-12-09T11:35:25.952</ValidationDate>
          </LastValidation>
          <ValidationHistory>
            <Validation>
              <Status>SUCCESSFULLY CANCELLED</Status>
              <ValidationDate>2013-12-09T11:35:25.952</ValidationDate>
            </Validation>
          </ValidationHistory>
        </PresenceRegistration>
      </ns2:CancelPresenceResponse>
      <ns2:CancelPresenceResponse>
        <PresenceRegistrationError>
          <CancelPresenceRequest>
            <PresenceRegistrationId>60248</PresenceRegistrationId>
            <CancellationReason>HOLIDAY</CancellationReason>
          </CancelPresenceRequest>
          <ErrorList>
            <Error>
              <ErrorCode>9</ErrorCode>
              <ErrorDescription>Too late to cancel this precense
registration</ErrorDescription>
            </Error>
          </ErrorList>
        </PresenceRegistrationError>
      </ns2:CancelPresenceResponse>
    </ns2:CancelPresencesResponse>

```

```
</S:Body>
</S:Envelope>
```

5.2.3 Error codes

The error codes listed here define possible business errors whilst processing the request. These error codes indicate a problem in the content of the request, including format errors.

Error code	Description
1	The user has no authorization to cancel this Presence Registration
7	Unknown RegistrationId
8	Presence registration already cancelled
9	Too late to cancel this presence registration
10	Presence registration not found
11	Invalid cancel reason

5.3 OPERATION SEARCHPRESENCES

5.3.1 Request message construction

sequence

```
<> SearchPresenceRequest (SearchPresencesRequestType)
```

5.3.1.1 Example

Find all Presence Registration from a particular worksite

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://socialsecurity.be/presenceregistration/v1"
xmlns:v11="http://socialsecurity.be/presenceregistration/schemas/v1">
  <soapenv:Header/>
  <soapenv:Body>
    <v1:SearchPresencesRequest>
      <v1:SearchPresenceRequest>
        <v11:SearchPresenceRegistrationCriteria>
          <v11:WorkPlaceld>1Y11234567890</v11:WorkPlaceld>
        </v11:SearchPresenceRegistrationCriteria>
      </v1:SearchPresenceRequest>
    </v1:SearchPresencesRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

5.3.2 Reply message interpretation

sequence

```
<> SearchPresencesResponseType (SearchPresencesResponseType)
```

5.3.2.1 Example

```
<ns2:SearchPresencesResponse xmlns="http://socialsecurity.be/presenceregistration/schemas/v1"
xmlns:ns2="http://socialsecurity.be/presenceregistration/v1" xmlns:ns3="http://socialsecurity.be/errors/v1"
xmlns:ns4="http://socialsecurity.be/errors/serviceprovider/v1">
  <ns2:SearchPresencesResponseType>
```

```

<SearchPresencesRequest>
  <SearchPresenceRegistrationCriteria>
    <INSS>77072239XXX</INSS>
  </SearchPresenceRegistrationCriteria>
</SearchPresencesRequest>
<PresenceRegistrationList>
  <PresenceRegistrationResultCount>1</PresenceRegistrationResultCount>
  <PresenceRegistration>
    < PresenceRegistrationConsultSubmitted >
      <RegistrationDate>2014-07-07</RegistrationDate>
      <INSS>77072239XXX</INSS>
      <CompanyID>44818XXXX</CompanyID>
      <WorkPlaceld>1Y1000003XXXX</WorkPlaceld>
    </ PresenceRegistrationConsultSubmitted >
    <INSS>77072239XXX</INSS>
    <PresenceRegistrationId>47003</PresenceRegistrationId>
    <CreationDate>2014-07-07T15:33:10.327</CreationDate>
    <Channel>WS</Channel>
    <LastValidation>
      <Status>FAILED</Status>
      <ValidationDate>2014-07-07T15:33:12.098</ValidationDate>
      <RemarkList>
        <Remark>EMPLOYER NOT ACTIVE</Remark>
      </RemarkList>
    </LastValidation>
    <Sender>
      <SenderId>0206731XXX</SenderId>
    </Sender>
  </PresenceRegistration>
</PresenceRegistrationList>
</ns2:SearchPresencesResponseType>
</ns2:SearchPresencesResponse>

```

5.3.3 Error codes

Not applicable.

5.4 OPERATION GETPRESENCEREGISTRATION

5.4.1 Request message construction

sequence

<> **GetPresenceRegistrationRequest** (GetPresenceRegistrationRequestType)

5.4.1.1 Example

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:v1="http://socialsecurity.be/presenceregistration/v1 "
  xmlns:v11="http://socialsecurity.be/presenceregistration/schemas/v1">
  <soapenv:Header/>
  <soapenv:Body>
    <v1:GetPresenceRegistrationRequest>
      <v1:GetPresenceRegistrationRequest>
        <v11:PresenceRegistrationId>47003</v11:PresenceRegistrationId>
      </v1:GetPresenceRegistrationRequest>
    </v1:GetPresenceRegistrationRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

5.4.2 Reply message interpretation

sequence

<> **GetPresenceRegistrationResponseType** (GetPresenceRegistrationResponseType)

5.4.2.1 Example

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Header>
    <WorkContext>xx</WorkContext>
  </S:Header>
  <S:Body>
    <ns3:GetPresenceRegistrationResponse xmlns="http://socialsecurity.be/errors/v1"
      xmlns:ns2="http://socialsecurity.be/presenceregistration/schemas/v1"
      xmlns:ns3="http://socialsecurity.be/presenceregistration/v1" xmlns:ns4="http://socialsecurity.be/errors/serviceprovider/v1">
      <ns3:GetPresenceRegistrationResponseType>
        <ns2:GetPresenceRegistrationRequest>
          <ns2:PresenceRegistrationId>47003</ns2:PresenceRegistrationId>
        </ns2:GetPresenceRegistrationRequest>
        <ns2:GetPresenceRegistrationType>
          <ns2:PresenceRegistrationType>
            <ns2:PresenceRegistrationConsultSubmitted>
              <ns2:RegistrationDate>2014-07-07</ns2:RegistrationDate>
              <ns2:INSS>77072239430</ns2:INSS>
              <ns2:CompanyID>448181966</ns2:CompanyID>
              <ns2:WorkPlaceld>1Y1000003DH2Z</ns2:WorkPlaceld>
            </ns2:PresenceRegistrationConsultSubmitted>
            <ns2:INSS>77072239430</ns2:INSS>
            <ns2:PresenceRegistrationId>47003</ns2:PresenceRegistrationId>
            <ns2:CreationDate>2014-07-07T15:33:10.327</ns2:CreationDate>
            <ns2:Channel>WS</ns2:Channel>
            <ns2:LastValidation>
              <ns2:Status>FAILED</ns2:Status>
              <ns2:ValidationDate>2014-07-
07T15:33:12.098</ns2:ValidationDate>
            <ns2:RemarkList>
              <ns2:Remark>EMPLOYER NOT
ACTIVE</ns2:Remark>
            </ns2:RemarkList>
            </ns2:LastValidation>
            <ns2:ValidationHistory>
              <ns2:Validation>
                <ns2:Status>FAILED</ns2:Status>
                <ns2:ValidationDate>2014-07-
07T15:33:12.098</ns2:ValidationDate>
              <ns2:RemarkList>
                <ns2:Remark>EMPLOYER NOT
ACTIVE</ns2:Remark>
              </ns2:RemarkList>
            </ns2:Validation>
            </ns2:ValidationHistory>
            <ns2:Sender>
              <ns2:SenderId>0206731645</ns2:SenderId>
            </ns2:Sender>
          </ns2:PresenceRegistrationType>
        </ns2:GetPresenceRegistrationType>
      </ns3:GetPresenceRegistrationResponseType>
    </ns3:GetPresenceRegistrationResponse>
  </S:Body>
</S:Envelope>
```

5.4.3 Error codes

Not applicable.

6. COMMON TYPES

6.1 PRESENCEREGISTRATION_TYPES_V1

Namespace: <http://socialsecurity.be/presenceregistration/schemas/v1>

Version: 1.11

6.1.1 CancelPresenceRegistrationErrorType

«XSDcomplexType»

Presence Registration submitted and a list of generated errors

sequence

<> **CancelPresenceRequest** (CancelPresenceRequestType)

<> **ErrorList** (RequestErrorType)

6.1.2 CancelPresenceRegistrationResponse

«XSDcomplexType»

Cancel Presence Registration submitted

choice

<> **PresenceRegistration** (PresenceRegistrationType)

<> **PresenceRegistrationError** (CancelPresenceRegistrationErrorType)

6.1.3 CancelPresenceRequestType

«XSDcomplexType»

Presence Registration submitted to cancel

sequence

<> **CancellationReason** (CancelReasonType)

<> **PresenceRegistrationId** (PresenceRegistrationIdType)

6.1.4 CancelReasonType

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	restriction	
	maxLength	15	
annotation	PresenceRegistration cancelRaison(Holiday, Disease, Planning, C32a, Other..)		

6.1.5 ChannelType

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	Restriction	
annotation	Channel of submitted PresenceRegistration		

6.1.6 ClientReferenceType

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	restriction	
	maxLength	24	
annotation	Custom Reference you may send with your registration		

6.1.7 CompanyIDType

«XSDsimpleType»

type	long		
facets	kind	value	annotation
	derivation	restriction	
	totalDigits	10	
annotation	KBO/BCE number of the employer		

6.1.8 CreationDateType

«XSDsimpleType»

type	dateTime		
facets	kind	value	annotation
	derivation	Restriction	
annotation	Creation date and time of Presence Registration		

6.1.9 Error

«XSDcomplexType»

List of form errors in request

sequence

<> **ErrorCode** (ErrorCode)

The error code in request

<> **ErrorDescription** (ErrorDescription)

The error description in request

6.1.10 ErrorCode

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	Restriction	
annotation	The error code in request		

6.1.11 ErrorDescription

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	Restriction	
annotation	The error description in request		

6.1.12 FetchSizeType

«XSDsimpleType»

type	int		
facets	kind	value	annotation
	derivation	restriction	
	totalDigits	9	
annotation	Number presence registration to return		

6.1.13 FirstRowType

«XSDsimpleType»

type	int		
facets	kind	value	annotation
	derivation	restriction	
	totalDigits	9	
annotation	Number for first row to beginning display		

6.1.14 GetPresenceRegistrationRequestType

«XSDcomplexType»

sequence

<> **PresenceRegistrationId** (PresenceRegistrationIdType)

6.1.15 GetPresenceRegistrationResponseType

«XSDcomplexType»

sequence

<> **GetPresenceRegistrationRequest** (GetPresenceRegistrationRequestType)

The Search Criteria submitted

<> **GetPresenceRegistrationType** (GetPresenceRegistrationType)

The Get presence registration response

6.1.16 GetPresenceRegistrationType

«XSDcomplexType»

Get presence registration response type

sequence

<> [0..1] **PresenceRegistrationType** (PresenceRegistrationType)

The Get presence registration response

6.1.17 INSSType

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	restriction	
	pattern	\d{11}	
annotation	Social Security Number		

6.1.18 LimosaldType

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	Restriction	
annotation	Limosa number defining the workrelation between a foreign employee, a foreign company and a potential belgian client		

6.1.19 PaginationPropertiesType

«XSDcomplexType»

sequence

<> **FetchSize** (FetchSizeType)

The number of records returned by page, by default 50 records will be returned

<> **FirstRow** (FirstRowType)

The first row from what sort of result will be done, by default first row 0 is used

6.1.20 PresenceRegistration

«XSDcomplexType»

Response Registration

sequence

<> **Channel** (ChannelType)

Channel of submitted PresenceRegistration

<> **CreationDate** (CreationDateType)

Creation date and time of Presence Registration

<> [0..1] **INSS** (INSSType)

This the last inss know for the worker. It's the same as in the submitted declaration if the inss has never changed. It can be not present in case of a presence registration with Limosald

<> **LastValidation** (ValidationType)

<> **PresenceRegistrationId** (PresenceRegistrationIdType)

Number Reference of Presence Registration

<> [0..1] **ValidationHistory** (ValidationHistoryType)

List of validation attempts for the presence registration

6.1.21 PresenceRegistrationConsultSubmitType

«XSDcomplexType»

Definition of the Presence Registration Type

sequence

<> [0..1] **ClientPresenceRegistrationReference** (ClientReferenceType)

Optionally you can supply your own Client Presence Registration Reference

<> [0..1] **RegistrationDate** (RegistrationDateType)

Date for which you register. Can only be today or tomorrow. Optional, if left out it will consider the registration is for today.

<> **WorkPlaceld** (WorkPlaceldType)

Identification number of the site as defined in Declaration of Works (DDT/AVW)

sequence

<> [0..1] **INSS** (INSSType)

Social Security Number

<> [0..1] **CompanyID** (CompanyIDType)

KBO/BCE number of the employer

<> [0..1] **Limosald** (LimosaldType)

Limosa number defining the workrelation between a foreign employee, a foreign company and a potential belgian client

<> [0..1] **VatNumber** (VatNumberType)

VAT number is mainly used to identify foreign companies

6.1.22 PresenceRegistrationIdType

«XSDsimpleType»

type	long		
facets	kind	value	annotation
	derivation	restriction	
	totalDigits	15	
annotation	Number Reference of Presence Registration		

6.1.23 PresenceRegistrationList

«XSDcomplexType»

List of presence registration that match the search request criteria

sequence

<> [0..500] **PresenceRegistration** (PresenceRegistrationType)

List of the registered presence registration

<> **PresenceRegistrationResultCount** (PresenceRegistrationResultCountType)

List of the registered presence registration

6.1.24 PresenceRegistrationResultCountType

«XSDsimpleType»

type	long		
facets	kind	value	annotation
	derivation	restriction	
	totalDigits	9	
annotation	Number presence registration founded		

6.1.25 PresenceRegistrationSubmitType

«XSDcomplexType»

Definition of the Presence Registration Type

sequence

<> [0..1] **ClientPresenceRegistrationReference** (ClientReferenceType)

Optionally you can supply your own Client Presence Registration Reference

<> [0..1] **RegistrationDate** (RegistrationDateType)

Date for which you register. Can only be today or tomorrow. Optional, if left out it will consider the registration is for today.

<> **WorkPlaceld** (WorkPlaceldType)

Identification number of the site as defined in Declaration of Works (DDT/AVW)

choice

<> [1..1] **Limosald** (LimosaldType)

Limosa number defining the workrelation between a foreign employee, a foreign company and a potential belgian client

sequence

<> [1..1] **INSS** (INSSType)

Social Security Number

<> [1..1] **CompanyID** (CompanyIDType)

KBO/BCE number of the employer

6.1.26 PresenceRegistrationType

«XSDcomplexType»

Presence Registration submitted Type

sequence

<> **Channel** (ChannelType)

Channel of submitted PresenceRegistration

<> **CreationDate** (CreationDateType)

Creation date and time of Presence Registration

<> [0..1] **INSS** (INSSType)

This the last inss know for the worker. It's the same as in the submitted declaration if the inss has never changed. It can be not present in case of a presence registration with Limosald

<> **LastValidation** (ValidationType)

<> **PresenceRegistrationId** (PresenceRegistrationIdType)

Number Reference of Presence Registration

<> [0..1] **Sector** (WorkSectorType)

<> [0..1] **Sender** (SenderType)

Contains the sender information of the Presence Registration

<> [0..1] **ValidationHistory** (ValidationHistoryType)

List of validation attempts for the presence registration

choice

<> [1..1] **PresenceRegistrationSubmitted** (PresenceRegistrationSubmitType)

The content of the original presenceRegistrationSubmit

<> [1..1] **PresenceRegistrationConsultSubmitted**
(PresenceRegistrationConsultSubmitType)

The content of the original presenceRegistrationSubmit for consult

6.1.27 RegisterPresenceRegistrationErrorType

«XSDcomplexType»

Presence Registration submitted and a list of generated errors

sequence

<> **ErrorList** (RequestErrorType)

<> **PresenceRegistrationSubmitted** (PresenceRegistrationSubmitType)

6.1.28 RegisterPresenceRegistrationResponse

«XSDcomplexType»

Presence Registration submitted

choice

<> **PresenceRegistration** (PresenceRegistrationType)

<> **PresenceRegistrationError** (RegisterPresenceRegistrationErrorType)

6.1.29 RegistrationDateType

«XSDsimpleType»

type	date		
facets	kind	value	annotation
	derivation	Restriction	
annotation	Date for which you make the (planned) registration. Only date of today and tomorrow are accepted. If omitted it will default to today		

6.1.30 RegistrationPeriodListType

«XSDcomplexType»

List of Date Interval used to search Presence Registration

sequence

<> [1..31] **RegistrationPeriod** (RegistrationPeriodType)

Interval Date of Presence Registration search

6.1.31 RegistrationPeriodType

«XSDcomplexType»

Date Interval for searching Presence Registration

sequence

<> **RegistrationPeriodEndDate** (RegistrationDateType)

End Interval Date of Presence Registration search

<> **RegistrationPeriodStartDate** (RegistrationDateType)

Start Interval Date of Presence Registration search

6.1.32 RemarkListType

«XSDcomplexType»

The Remark generated during the validation of submitted presence registration

sequence

<> **Remark** (RemarkType)

Remark Description

6.1.33 RemarkType

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	Restriction	
annotation	Remark generated during validation of submitted presenceregistration		

6.1.34 RequestErrorType

«XSDcomplexType»

List of form errors in request

sequence

<> [1..10] **Error** (Error)

6.1.35 SearchPresenceRegistrationCriteria

«XSDcomplexType»

Search Presence Registration response Type

sequence

<> [0..1] **CompanyID** (CompanyIDType)

<> [0..1] **CreationEndDate** (CreationDateType)

- <> [0..1] **CreationStartDate** (CreationDateType)

- <> [0..1] **INSS** (INSSType)

- <> **RegistrationPeriodList** (RegistrationPeriodListType)
The list of date interval is mandatory
- <> [0..1] **RemarkList** (SearchRemarkListType)

- <> [0..1] **Sector** (WorkSectorType)

- <> [0..1] **StatusList** (StatusListType)

- <> [0..1] **WorkPlaceld** (WorkPlaceldType)

6.1.36 SearchPresenceRegistrationErrorType

«XSDcomplexType»

Search Presence Registration request and a list of generated errors

sequence

- <> **ErrorList** (RequestErrorType)

6.1.37 SearchPresencesRequestType

«XSDcomplexType»

Search Presence Registration request type

sequence

- <> [0..1] **PaginationProperties** (PaginationPropertiesType)
Criteria for result Pagination, if no criteria, the first row and ascending order must be used
- <> **SearchPresenceRegistrationCriteria** (SearchPresenceRegistrationCriteria)
Criteria for presenceRegistration search Request
- <> [0..1] **SortingProperties** (SortingPropertiesType)
Sorting criteria to use when returning response

6.1.38 SearchPresencesResponseType

«XSDcomplexType»

Search Presence Registration response Type

sequence

<> **SearchPresencesRequest** (SearchPresencesRequestType)

The content of the original presenceRegistration Request

choice

<> [1..1] **PresenceRegistrationList** (PresenceRegistrationList)

<> [0..1] **PresenceRegistrationError** (SearchPresenceRegistrationErrorType)

6.1.39 SearchRemarkListType

«XSDcomplexType»

sequence

<> [1..17] **Remark** (SearchRemarkType)

6.1.40 SearchRemarkType

«Enumeration»

facets	value	annotation
	RELATED DIMONA NOT OK	
	GIVEN INSS IS NOT THE FOUNDER OF THE COMPANY	
	EMPLOYER IS NOT KNOWN AS COMPANY FOUNDER	
	THE COMPANY DOESN'T EXISTS	
	INDEPENDANT IS NOT KNOWN AS COMPANY FOUNDER	
	LIMOSA ID IS NOT KNOWN	
	LIMOSA ID IS NOT ACTIVE AT DATE	
	NISS-BIS IS NOT KNOWN IN LIMOSA	
	NISS-BIS IS NOT ACTIVE AT THIS DATE IN LIMOSA	
	DUC IS NOT EXISTING	
	DUC IS NOT ACTIVE AT THIS DATE	

	COMPANY IS NOT KNOWN AS BUILDER OR SUBCONTRACTOR IN THIS DUC SITE IS NOT SUBJECT TO PRESENCE REGISTRATION SAME DECLARATION HAS ALREADY BEEN REGISTERED NISS IS NOT KNOWN IN THE NATIONAL REGISTER EMPLOYER NOT ACTIVE THE COMPANY ID ASSOCIATED AT A NOT ACTIVE CONTRACT
annotation	Remark Type for a PresenceRegistration

6.1.41 SenderType

«XSDcomplexType»

bloc containing informations about the sender of the declaration

sequence

- <> [0..1] **SenderCompanyId** (CompanyIDType)
CompanyID of the declaration's sender
- <> [0..1] **SenderId** (UserIDType)
Id of the declaration's sender
- <> [0..1] **SenderUserType** (UserType)
Type of user of the declaration's sender

6.1.42 SortCriteriaType

«Enumeration»

facets	value	annotation
	ID	
	REGISTRATION DATE	
	CREATION DATE	
	STATUS	
	PLACE OF WORK	
	COMPANY ID	
	CHANNEL	
	SENDER ID	
annotation	Result status for a PresenceRegistration	

6.1.43 SortDirectionType

«Enumeration»

facets	value ASCENDING DESCENDING	annotation
annotation	Result status for a PresenceRegistration	

6.1.44 SortingPropertiesType

«XSDcomplexType»

sequence

<> **SortCriteria** (SortCriteriaType)

Sorting result based on criteria, by default criteria is ID

<> **SortDirection** (SortDirectionType)

Sort result according to choice of direction, by default sort is Ascending

6.1.45 StatusListType

«XSDcomplexType»

sequence

<> [1..4] **Status** (StatusType)

6.1.46 StatusType

«Enumeration»

facets	value SUCCESSFULLY REGISTERED SUCCESSFULLY CANCELLED VALIDATED FAILED	annotation
annotation	Status of presence registration to search. VALIDATED => successfully regstered and the content has been validated wihtout remarks. FAILED => uccessfully regstered but the content has been validated with remarks.	

6.1.47 UserIDType

«XSDsimpleType»

type	string		
facets	kind derivation	value Restriction	annotation
annotation	Id of a user		

6.1.48 UserType

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	Restriction	
annotation	Type of a user		

6.1.49 ValidationDateType

«XSDsimpleType»

type	dateTime		
facets	kind	value	annotation
	derivation	Restriction	
annotation	Validation date and time of Presence Registration		

6.1.50 ValidationHistoryType

«XSDcomplexType»

Validation Historique of submitted presence registration

sequence

<> [1..*] **Validation** (ValidationType)

6.1.51 ValidationType

«XSDcomplexType»

Validation Type of submitted presence registration

sequence

<> [0..1] **RemarkList** (RemarkListType)

List of Remarks if the presence registration has been treated

<> **Status** (StatusType)

Result status for a PresenceRegistration

<> [0..1] **ValidationDate** (ValidationDateType)

Contains the Validation date if the presence registration has been treated

6.1.52 VatNumberType

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	Restriction	
annotation	VAT number is mainly used to identify foreign companies		

6.1.53 WorkPlaceldType

«XSDsimpleType»

type	string		
facets	kind	value	annotation
	derivation	restriction	
	maxLength	13	
annotation	Identification number of the site as defined in Declaration of Works (DDT/AVW)		

6.1.54 WorkSectorType

«XSDsimpleType»

type	int		
facets	kind	value	annotation
	derivation	restriction	
	totalDigits	3	
annotation	Employment sector of the concerend workplace 1 = Construction work 2 = Security / Guarding 3 = Meat		

6.2 XML

Namespace: <http://www.w3.org/XML/1998/namespace>

Version:

7. COMMON ERROR CODES

7.1 SYSTEM ERROR CODES

These error codes indicate a problem in the request sent or a system error.

Code	Description	Cause	Explication
SOA-00001	Service error		This is the default error sent to the consumer in case no more details are known.
SOA-01001	Service call not authenticated	Consumer	From the security information provided, either the consumer could not be identified or the credentials provided are not correct.
SOA-01002	Service call not authorized	Consumer	The consumer is identified and authenticated, but is not allowed to call the given service.
SOA-02001	Service not available. Please contact service desk.	Provider	An unexpected error has occurred. Retries will not work. Service desk may help with root cause analysis.
SOA-02002	Service temporarily not available. Please try later.	Provider	An unexpected error has occurred. Retries should work. If the problem persists service desk may help.
SOA-03001	Malformed message	Consumer	This is the default error for content related errors in case no more details are known.
SOA-03002	Message must be SOAP	Consumer	Message does not respect the SOAP standard.
SOA-03003	Message must contain SOAP body	Consumer	Message respects the SOAP standard, but body is missing.
SOA-03004	WS-I compliance failure	Consumer	Message does not respect the WS-I standard.
SOA-03005	WSDL compliance failure	Consumer	Message is not compliant with WSDL.
SOA-03006	XSD compliance failure	Consumer	Message is not compliant with XSD.
SOA-03007	Message content validation failure	Consumer	From the message content (conform XSD): extended checks on the element format failed or cross-checks between fields failed.

7.2 BUSINESS ERROR CODES

Not applicable. The errors codes are specified for a given operation.

8. ANNEX

None