

RIZIV – INAMI

US74216 - Request Contract Information (UC15)

Sociaal Statuut InfoSS – P418

Version: 1.10



Document Purpose

This document details the Functional Requirements that need to be implemented by the ICT project.

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1 Guidelines

This use case allows insurers and pension funds to query the contract information of health care workers (HCW) at NIHDI (RIZIV – INAMI).

2 Naming Conventions and Definitions

Term NL	Term FR	Definition
RIZIV	INAMI	NIHDI
Premie campagne	Campagne de primes	A campaign is mainly defined by a combination of a compensation type and a year (e.g. "Sociaal Statuut Artsen 2018").
Premietype	Type de prime	Type related to the profession code (e.g. "Sociaal Statuut Artsen")
Premiejaar	Année de prime	Premium year (e.g. "2018")
Zorgverlener	Dispensateur de soins	Health care worker (HCW) having a NIHDI code of 8 characters
Sociaal statuut	Statut social	NIHDI Premium given to HCW for pension or invalidity if the HCW satisfies certain conditions (such as accreditation, activity level, ...)
Contract	Contrat	Signed contract between HCW and a pension fund or insurer having an account number on which the NIHDI premium could be transferred
Gebruikt contract	Contrat utilisé	Used contract: contract on which the NIHDI premium will be transferred if nothing would change before the payment day
Vereffening	Liquidation	Contract liquidation or closure: the contract is closed and the money is transferred to the beneficiaries

3 Roles

User role	User roles description	User role type	List of users belonging to this role
Insurer or Pension Fund	Reads the files from the SFTP server		Company CBE number + Certificate
NIHDI System	Will put the files daily on the SFTP server		
Smals System	Will contain the contract information files on the SFTP server		

4 Flow

4.1 *Technical Requirements*

The technical details are provided in a separate document: Technical Requirements. The contract information files will be put daily by NIHDI on the Smals SFTP server where they can be picked up by the insurers or pension funds. There are two files with the same structure (explained in section 4.3). If there is no change to report, the file that contains the changes (delta) will not change. The file that contains the changes (delta) will show all the changes made up to 1 year for older premium years.

4.2 *Contract Information*

The granular level of a contract is defined by a KBO number of the company, the NIHDI number of the HCW, the contract number and a premium year (all combined they form the primary key).

4.3 *Timing and Frequency*

The two files will be available every working day.

1. Snapshot file with information of the current premium year and the previous premium year: end of day situation of the previous day
2. File that contains the changes (delta) for older premium years

5 Use Cases Detailed Description

Use case description	Request Contract Information
Use case name	UC15 – Request Contract Information
Use case identifier	
Actors Main actors (primary actors), directly concerned by the use case Secondary actors, indirectly concerned by the use case	Insurer or pension fund Smals system NIHDI system
Crossed references	None
Pre-conditions	The SFTP server is available and the certificate to access it is working.
Post-conditions	Success Guarantees: Contract Information files are successfully read

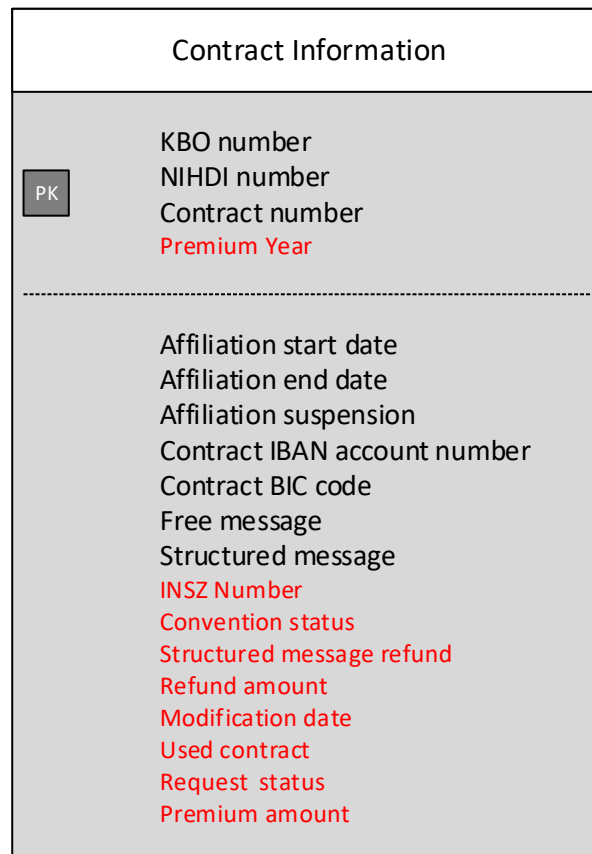
5.1 Main Scenario – Happy Path

5.1.1 System Sequence Diagram

Actor	System
	1. NIHDI puts the files with contract information at the specified SFTP location.
2. The user downloads the files (asynchronously).	

5.2 Data Modelling

The granular level of a contract is defined by a KBO number of the company, the NIHDI number of the HCW, the contract number and a premium year (all combined they form the primary key). This information should be unique.



Functional Name	Description
KBO number	The KBO number of the insurer or pension fund It is mandatory that it matches with the certificate used to send the file to the SFTP server.
NIHDI number	The NIHDI number (RIZIV-INAMI) of the HCW
Contract number	The contract number (can be a group policy)
Premium year	The year for which the premium was paid
Affiliation start date	The date from which the contract is valid for the HCW
Affiliation end date	The date up to which the contract is valid for the HCW
Affiliation suspension	Indicator that states whether the contract is suspended

Contract IBAN number	The IBAN number of the contract that will be used for payment of the premium
Contract BIC number	The BIC number of the contract that will be used for payment of the premium
Free message	The free message that will be used for payment of the premium
Structured message	The structured message of that will be used for payment of the premium
INSZ number	National number of the HCW
Convention status	Indicates the convention status of the HCW in the premium year (there is however no guarantee of premium payment in case of convention or partial convention as other conditions need to be fulfilled) <ul style="list-style-type: none"> 1. No convention: if 1 or more days no convention in the premium year 2. Else partial convention: if at least 1 day partial convention 3. Else convention
Structured message refund	The structured message that needs to be used in case of refund of the premium
Refund amount	The amount that should be refunded to NIHDI
Refund before	Last date on which a refund should take place
Modification date	The last modification date of the contract information. The modification date used here is the last change being made in the Snapshot file. The comparison will be made between the current file and the previous file. If a change has been made, the modification date will change to the current date.
Used contract	The NIHDI status of the contract (used for payment or not)
Request status	The NIHDI status of the premium request flow
Premium amount	The estimated, allocated or paid premium for the HCW
Physician Trainee	Meant for physicians in a traineeship. They will get a bonus premium.



Name	Type	Length	Example	Format	R
KBO number (in header)	string	10	0123459879	CBE number	Mandatory
NIHDI number	string	8	12345678	NIHDI	Mandatory
Contract number	string	40	ABCDEFGHIJKLMNOPQRSTUVWXYZ	N/A	Mandatory
Premium year	numeric	4	2018	yyyy	Mandatory
Affiliation start date	date	8-10	2019-01-01	yyyy-mm-dd	Mandatory
Affiliation end date	date	8-10	2019-01-01	yyyy-mm-dd	Optional
Affiliation suspension	string	12	NotSuspended	coding scheme	Mandatory
Contract IBAN account number	string	34	BE68539007547034	IBAN format	Mandatory
Contract BIC code	string	11	BPOTBEB1	BIC format	Mandatory
Free message	string	100	CONTRACT 001/00000777/001	N/A	Optional
Structured message	string	12	000000000000	modulo 97	Optional
INSZ number	string	11	07070715525	modulo 97	Optional
Convention status	string	17	Convention	coding scheme	Mandatory
Structured message refund	string	12	000000000000	modulo 97	Optional
Refund amount	numeric	12	1234.56	xxxxx.xx	Optional
Refund before	date	8-10	2019-01-01	Yyy-mm-dd	Optional
Modification date	date	8-10	2019-01-01	yyyy-mm-dd	Mandatory
Used contract	string	13	Used	coding scheme	Mandatory
Request status	string	35	PaymentDone	coding scheme	Mandatory
Premium amount	numeric	12	1234.56	xxxxx.xx	Optional
Physician Trainee	Boolean	5	True	Coding scheme	Optional

5.3 Validation Rules

Business rules related to current use case (not related to classes or UI)

5.3.1 Functional Rules

This section contains the rules applied during the use case execution

Rule ID	Name	Description

5.4 Coding schemes

5.4.1 Affiliation suspension

Value	Label
false or 0	Not Suspended
true or 1	Suspended

5.4.2 Convention

Value	Label
Convention	Convention
NoConvention	No convention
PartialConvention	Partial convention
Unknown	Unknown

5.4.3 Request status

Value	Label
NoRequest	No request by HCW
PremiumYearInitiating	Premium year initiating by NIHDI
AwaitingInformationHCW	Awaiting information HCW
OpenRequest	Open premium request
RequestEvaluated	Evaluation made
ReadyForManualDecision	Decision is to be taken manually, by NIHDI, because additional information was added to the premium request
DecisionPremiumRefusedDisputeAllowed	Decision “sociaal statuut – statut social” refused, dispute allowed
DecisionPremiumGrantedDisputeAllowed	Decision “sociaal statuut – statut social” granted, dispute allowed
DecisionPremiumRefused	Decision “sociaal statuut – statut social” refused, dispute not allowed
Disputed	Disputed
AwaitingInformationHCWAfterDispute	Awaiting information HCW after dispute
ReadyForPayment	Premium granted, Ready for payment

PaymentDone	Payment done
PaymentFailed	Payment failed
ReclaimingAmount	NIHDI asks for a refund of the premium
ReclaimedAmount	The premium amount has been (partially) refunded
NotApplicable	Contract not used for this premium year
AbandonOfRight	The HCW has accepted the decision of NIHDI that for the concerned premium year, no premium is granted.

Remark :

At present, NIHDI cannot automatically retrieve the mandate for the management of the SocialBenefits given by a HCW to the Insurer. The feature to retrieve the mandates for a given Insurer depends on a e-gov component outside of NIHDI.

As a consequence, NIHDI will have to limit the communication of the premium amount and premium state to the states **after decision**, to be in line with the privacy legislation. In this context, only the following states will be communicated through the UC15 :

- **NotApplicable** : During the premium year, this state means no premium request has been initiated on this contract for a HCW. As a consequence, no request status is applicable.
- **PremiumYearInitiating** : During the premium year, this state means no decision has been taken yet regarding the premium request on this contract for a HCW.
- **DecisionPremiumRefused** : this decision means that a premium request was initiated for the HCW during the premium process, but that the HCW did not qualify for the premium. No amount is to be payed.
- **ReadyForPayment** : this decision means that the HCW qualifies for the premium. The premium amount will be put in payment.
 - **PaymentDone** : this state is set once NIHDI has done the payment.
 - **PaymentFailed** : this state is set should the payment have failed (closed account, e.g.). After the situation has been sorted out, the payment will be reissued and the state will be set to ReadyForPayment.
- **NoRequest** : the HCW has a valid and used contract, but does not meet the entry conditions for the concerned premium year. If no request was initiated manually by the HCW before the

end of the declaration period, the “request” will be closed at the end of the declaration period.

- **AbandonOfRight** : the state means that the HCW has accepted the decision that, for the concerned premium year, she doesn’t qualify for the premium. No amount is to be payed.

The decision in the premium process is typically planned no earlier than September of the year following the premium year. The timing between the decision ReadyForPayment and the payment itself is a least 2 weeks.

For the premium year 2019, the first payment will be performed no earlier than January 2021, due to NIHDI budget limitations in 2020.

5.4.4 Used Contract

Value	Label
Used	Contract used for premium payment
NotUsed	Contract not used for premium payment
NotApplicable	Not applicable

5.4.5 Physician trainee

Value	Label
True	Physician is following a traineeship and will get a bonus premium payment
False	Physician is not following a traineeship

5.5 Error Messages

This section contains the error messages applied during the use case execution

Rule ID	Name	Description
N/A	N/A	N/A

6 Annexe: XSD Scheme

1. BasicTypes.xsd : definition of the basic types used for Social Benefits.
2. ContractInformation.xsd : definition of the format for receiving contract information from NIHDI.

For the current version, please visit :

https://www.inami.fgov.be/SiteCollectionDocuments/schema_xsd.zip