



# HR Selfservice

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Webservice Interface Description

Version 20240531

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## Description

The HR Selfservice Absences Webservice allows you to integrate the data registered in HR Selfservice Absences into your own (planning) applications. Therefore we provide an XML Web Service available via the SOAP (an XML-based protocol allowing applications to exchange information over HTTP).

## Activation

Contact [hrsskmo@sdworx.com](mailto:hrsskmo@sdworx.com) in order to have the webservice activated and receive your webservice username and password.

## Authentication & URL

<http://www.sd.be/pos/acc/V20/server/AbsencesWebService.asmx>

## Limitations

The HR Selfservice Webservice allows a maximum number of function calls per day.

	Maximum number of requested months per day	Count
<b>Limit</b>	1000	
<b>Example1</b>	Request absences for a company of 100 employees, period=august	100x1=100
<b>Example2</b>	Request absences for 1 employee, period=2019	1x12=12

## Allowed Operations

### GetAbsenceCodes

Required Parameters: Language (int, 1 = Nl, 2 = Fr, 3 = En)

Resultset:

- Id: int

- Label: string
- Code: string

### GetEmployees

Required Parameters: Language (int, 1 = Nl, 2 = Fr, 3 = En)

Resultset:

- EmployerNumber: string
- EmployeeNumber: string
- FirstName: string
- LastName: string

### GetAbsenceReportExtendedWithParameters

Required Parameters: class ReportRequest

Properties of ReportRequest:

- Language: int ( 1 = Nl, 2 = Fr, 3 = En )
- FromDate: DateTime
- UntilDate: DateTime
- EmployerNumber: string ( optional )
- EmployeeNumber: string ( optional )
- RequestType: Enum.RequestType
  - Absences : returns collective absences and individual leave requests
  - AbsencesAndSuspensions : returns collective absences, individual leave requests and suspensions ( parental leave, part time absences due to sickness, ... )
  - FullDaySpec : returns collective absences, individual leave requests, suspensions ( parental leave, part time absences due to sickness, ... ) and the complete planning for every day
- RequestOvertime: Enum.RequestOvertime
  - WithOvertime : includes overtime in the result
  - WithoutOvertime : excludes overtime in the result
- ChangedSinceDate: Optional parameter for querying data that has been changed since "LastModificationDate"

Resultset:

Returns an array of WebserviceResultLine objects:

- EmployerNumber: string
- EmployeeNumber:string
- FirstName: string
- LastName: string
- Date: DateTime
- DayPart: string
- OriginalAmount: decimal

- OriginalMeasureUnit : string
- InterpretedAmount : decimal
- InterpretedMeasureUnit: string
- AbsenceCodeId: string
- AbsenceCodeLabel: string
- Layer: string
- Status: string
- ShiftCode: string
- LastModificationDate: DateTime
- Id: string

### **GetAbsenceReportExtendedWithSimpleParameters**

#### Required Parameters:

- languageId: int ( 1 = Nl, 2 = Fr, 3 = En )
- fromDate\_ddMMyyyy: string
- toDate\_ddMMyyyy: string
- requestType: int ( 0 = Absences, 1 = AbsencesAndSuspensions, 2 = FullDaySpec )
- withOvertime: int
- employerNumber: string
- employeeNumber: string
- ChangedSinceDate: Optional parameter for querying data that has been changed since "LastModificationDate"

#### Resultset:

- EmployerNumber: string
- EmployeeNumber: string
- FirstName: string
- LastName: string
- Date: DateTime
- DayPart: string
- OriginalAmount: decimal
- OriginalMeasureUnit : string
- InterpretedAmount : decimal
- InterpretedMeasureUnit: string
- AbsenceCodeId: string
- AbsenceCodeLabel: string
- Layer: string
- Status: string
- ShiftCode: string
- LastModificationDate: DateTime
- Id: string

## **GetRemainingEmployeeMonthsForToday**

Parameters : None

Resultset:

- A string containing the remainder of the allowed function calls per day. See Limitations.