

Suomen Asiakastieto Oy

Integration Interfaces

Population Information

basic+ level



Document history

Version	Date	Author	Description
1.0	26.6.2006	Pekka Nirhamo	First version for API 4
	7.9.2018	Marko Lehto	First version for API 2018
	11.1.2023	Katri Rautiainen	Population Information services
1.6	24.1.2023	Minna Kaitosuo	Donee has been appointed
1.7	4.9.2023	Minna Kaitosuo	Population information levels, description modified
1.8	5.9.2023	Katri Rautiainen	Family check level for insurance
1.9	21.9.2023	Jussi Korkonen	Basic FI level
2.0	13.10.2023	Katri Rautiainen	Family check level for insurance description updates
2.1	7.12.2023	Katri Rautiainen	Donee has been appointed in Basic, Basic +, Extended, Extended +, Collection; in production Q1/2024
2.2	16.1.2024	Katri Rautiainen	Fixed donee explanation for child custody check
2.3	1.3.2024	Katri Rautiainen	Fixed Relation Check levels descriptions
2.4	5.3.2024	Katri Rautiainen	Fixed Family Relation Check level descriptions
2.5	14.3.2024	Katri Rautiainen	Missing Child custody check has been returned
2.6	6.8.2024	Katri Rautiainen	Suomen Asiakastieto address updated
2.6	13.9.2025	Jussi Korkonen	Forked basic+ level

Content

1. About services available in APIs.....	3
2. General	3
3. Consumer Service	4
3.1 Header information for each response	4
3.2 Error Message	5
3.3 Population Information, basic plus.....	5
3.4 Note; Address field is empty.....	9

1. About services available in APIs

Services contain one company, group or person information at one response. Services are available through integration interfaces SOAP, XML/JSON REST and HTML/PDF with some limitations. More detail about limitations and detailed API descriptions from Suomen Asiakastieto Oy.

This document describes services in the XML/JSON based APIs i.e. SOAP and XML/JSON REST.

2. General

This document describes data options for elements with fixed or several values.

A -field is alphanumeric, data is in left side of the field filled with blanks. Field is filled with blanks if data is missing.

N -field is numeric.

eN -field is edited number, data is in right side of the field filled with blanks (no leading zeros). Data is edited to presentation mode, decimal delimiter is comma and thousands delimiter is dot (999.999.999,9).

aN -field is numeric if there is a value. Field can be empty if there is no data.

Character set follows standard UTF-8

Reading example:

[0-9]{8}= Eight digits from 0 to 9.

DATE is format YYYY-MM-DD.

3. Consumer Service

3.1 Header information for each response

Field	Description	Type	Max length
consumerResponse			
responseHeader			
languageCode	ISO 639, FI = Finnish SV = Swedish EN = English	A	2
timeStamp			
date	YYYY-MM-DD	A	10
time	HH:MM:SS	A	8
responseStatus	0= ok, 1= error	N	3
currencyCode	EUR	A	3

3.2 Error Message

Present if there has been error in the execution of the service or communication, Examples: invalid user id, problem in communications, personal id number wrong or not present. For a list of possible error codes please contact Suomen Asiakastieto.

Field	Description	Type	Max length
errorMessage			
errorCode			
errorText			

3.3 Population Information, basic plus

The basic level plus of population information contains

- identity number
- present first names
- present last name
- Date of Death
- Marital status
- Date of immigration
- Municipality of residence
- Language
- Permanent address in Finland
- Temporary address in Finland
- Post address in Finland

- Former permanent address in Finland
- Former temporary address in Finland

Supervision data

- Supervision of interest data
- Data of limitation in competence to act
- Start date of Supervision of interests
- End date of Supervision of interests

Field	Description	Type	Max length
populationInformation			
populationRegisterStatus	000=Person found 001=Person not found 002=ID is passive		
populationRegisterStatusText			
personData			
personIdentificationData			
personId	personId ddmmyyXnnnc, X-> century of birth '+'=1800, '-'=1900, 'A'=2000		
name			
populationRegisterName			
lastName			
firstName			

domicileData			
code	follows list from Population Register Centre added with codes 198 no domicile in Finland, ei kotikuntaa Suomessa 199 unknown, tuntematon 200 domicile abroad , Ulkomaat		
text			
language			
code	fi = Finnish, Suomen kieli sv = Swedish, Ruotsin kieli se = Northern Sami, Saamelais kielet 99 = Other language, muu kieli		
text			
dateOfDeath			
immigrationDate			
maritalStatus			
code	blank = missing 0 = no information 1 = unmarried 2 = married 3 = separated 4 = divorced 5 = widow 6 = Registered partnership 7 = Registered partnership dissolved 8 = Surviving partner in a registered partnership		
text			
addressData			

count	Number of addresses		
addressRow	at the most 15 rows		
code	<p>Type of addresses: 01 = permanent address in Finland 03 = temporary address in Finland 05 = Post address in Finland 06 = permanent address in abroad 08 = temporary address in abroad 10 = Post address in abroad</p> <p>01 = nykyinen kotimainen osoite 03 = tilapäinen kotimainen osoite 05 = kotimainen postiosoite 06 = vakinainen ulkomainen osoite 08 = tilapäinen ulkomainen osoite 10 = ulkomainen postiosoite</p>		
text			
address			
street			
zip			
town			
stateCode	follows standard ISO 3166		
stateName			
startDate			
endDate			

supervisionDataRow			
supervisionOfInterests	0 = Henkilö ei ole edunvalvonnassa 1 = Henkilö on edunvalvonnassa 2 = Henkilölle on nimetty edunvalvontavaltuutettu 0 = Supervision of interests has not been appointed. 1 = Supervision of interests has been appointed. 2 = A donee has been appointed to the person		
supervisionOfInterestsText			
restrictionOnTheCompetenceToAct	1 = Toimikelpoisuutta ei ole rajoitettu 2 = Henkilön toimikelpoisuutta on rajoitettu osittain 3 = Henkilö on julistettu vajaavaltaiseksi 1 = Person's Competence to act has not been restricted. 2 = Person's competence to act restricted. 3 = Person declared legally incompetent.		
restrictionOnTheCompetenceToActText			

3.4 Note; Address field is empty

Person has not informed his / her current address to the Population Information Register

Address startDate and address endDate

01 = permanent address in Finland

start date (cannot be end date)

02 = former address in Finland

start date, end date

03 = temporary address in Finland

start date, end date

04 = former temporary address in Finland

start date, end date

05 = Post address in Finland	start date, end date
06 = permanent address in abroad	start date (cannot be end date)
07 = former address in abroad	start date, end date
08 = temporary address in abroad	start date, end date
09 = former temporary address in abroad	start date, end date
10 = Post address in abroad	start date, end date

- permanent i.e. current address (whether domestic 01 or foreign 06) cannot have an end date, because it is always the valid one. In theory it is possible that there is no start date either, if the address is very old (started before 1970's).
- in practice, temporary (still valid) addresses (03 and 08) always have the start date. If the end date is missing, the temporary address will be valid for the time being. If these have the end date, it concerns a fixed-period temporary address, the end date of which is known. In this case the end date will be in the future.
- the same is valid for postal addresses (05 and 10 as for the temporary addresses above