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IMPLEMENTATION GUIDE

TRANSACTION "INFORMATION REQUEST FOR SERVICE"

Version: draft Date of release: 26/6/2023 Document code: TRC007 technical Documentation: http://www.ebiz.enea.it XML Schemas repository: http://www.ebiz.enea.it/moda-ml/repository/schema/draft/default.asp Guides repository: http://www.ebiz.enea.it/moda-ml/repository/guide/draft/default.asp Guide filename: TRC007-eBIZ-InformationRequestForService.pdf

0. PREMISE

This document contains a proposal for the updating and extension of eBIZ specifications starting from the eBIZ version 2018. Under the name of 'Draft version' it is reported the result of an extensive work of analysis and consultation aimed at developing and maintaining eBIZ specifications.

In particular, the content of this proposal is the result of various activities, mainly those carried out within the framework of the **TRICK project** funded by the European Commission: grant agreement 958352, call H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020 / H2020-LCCI-2020-EASME-twostage.

The technical contents are backwards compatible with the latest official published version, with the exclusion of the totally new concepts added explicitly for the version that are thought as incremental evolution of the knowledge base.

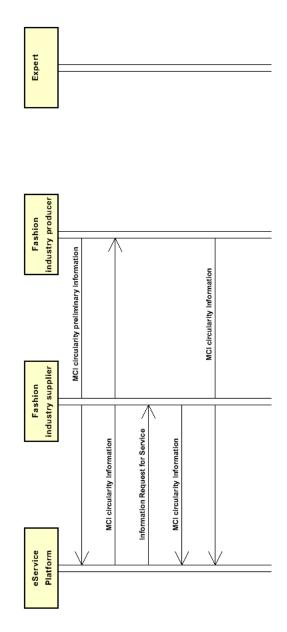
1. BUSINESS DESCRIPTION

1.1 Scope

This guide aims to illustrate the standard XML format of the document type "Health Protection Information Request", providing instructions for its use in the context of a TRANSPARENCY SYSTEM involving Fashion Manufacturers, their customers, third parties and in case customs authorities, eBusiness and eCommerce platforms. All the rules necessary for the construction and validation of the document are expressed through a specific XML schema, which is presented in detail in the paragraph "Implementation Guide".

1.2. Possible scenario

S2.1 Material Circularity Assessment service execution



2. IMPLEMENTATION GUIDE

2.1 General structure of XML document

All the business data that can be exchanged through this class of documents are shown in the following "document structure", that provides a simplified vision of the Schema. In particular:

- the two numbers following each element define its "cardinality" (minimum and maximum number of occurrencies); the minimum equal zero indicates that the element is optional, the minimum greater than zero indicates that is mandatory; - the bold character denotes the complex elements (aggregates of simple elements) that were built for the sake of functionality and re-usability of some complex informations sets. The child elements in each parent element are easily spotted as "indented";

- the symbol "@" denotes an attribute of the preceding element; here "the usage indicator (optional, required, ...) is shown in square brackets.

Structure

SRVinformationrequest

@version [Optional] [Default= draft] @useProfile [Optional] SRVheader 1-1 msgID 0-1 msgDate 0-1 @dateForm [Optional] senderParty 1-1 @role [Optional] @sender [Optional] id 1-1 @numberingOrg [Optional] legalName 0-1 dept 0-1 subDept 0-1 person 0-1 @email [Optional] @phone [Optional] @fax [Optional] street 0-1 city 0-1 subCountry 0-1 country 0-1 postCode 0-1 geoCoordinates 0-1 @um [Optional] [Default= DEGD] @geoRefSystem [Optional] xGeoCoord 1-1 vGeoCoord 1-1 | zGeoCoord 0-1 receiverParty 1-1 @role [Optional] @sender [Optional] id 1-1 @numberingOrg [Optional] legalName 0-1 dept 0-1 subDept 0-1 person 0-1 @email [Optional] @phone [Optional] @fax [Optional] street 0-1 city 0-1 subCountry 0-1 country 0-1 postCode 0-1 geoCoordinates 0-1 @um [Optional] [Default= DEGD]

@geoRefSystem [Optional] xGeoCoord 1-1			
yGeoCoord 1-1			
zGeoCoord 0-1			
platformServiceReference 1-1			
platformServiceCode 1-1			
@codeList [Optional]			
serviceTicketID 0-1			
serviceRequestedAction 1-1			
@codeList [Optional]			

| furtherRequestedInformation 0-9 | @In []

2.2 Detailed description of document elements

Following tables show all elements (complex and simple) used in this document. Description includes: 1) element's information: xml tag, name, brief description, data type and sintax constraints; 2) information about use of the element in a particular position in the document: xpath and possible associated notes.

2.2.1 Complex elements (Aggregate Business Information Entities)

Complex elements are those elements whose content is composed of other elements (childs).Complex elements are alphabetically ordered.

geoCoordinates	geographical coordinates (XPath SRVinformationrequest/SRVheader/senderParty/geoCoordinates) 0-1 (XPath SRVinformationrequest/SRVheader/receiverParty/geoCoordinates) 0-1
platformServiceReference	service instruction and reference - base type: string, (XPath SRVinformationrequest/SRVheader/platformServiceReference) 1-1
receiverParty	Details of the party receiving the document. - base type: Nad, (XPath SRVinformationrequest/SRVheader/receiverParty) 1-1
senderParty	Details of the party sending the document. - base type: Nad, (XPath SRVinformationrequest/SRVheader/senderParty) 1-1
SRVheader	header of documents supporting ePlatform services (XPath SRVinformationrequest/SRVheader) 1-1

2.2.2 Simple elements (Basic Business Information Entities)

Simple elements are those elements whose content is characterized by a data type plus a domain of possible values. Simple elements are alphabetically ordered.

city	name of the city (town, village) - base type: string, max length: 40, (XPath SRVinformationrequest/SRVheader/senderParty/city) 0-1 (XPath SRVinformationrequest/SRVheader/receiverParty/city) 0-1
@codeList	<pre>it specifies the URL where the list of codes used to make an instance of the element c an be found - base type: string, max length: 255, (XPath SRVinformationrequest/SRVheader/platformServiceReference/platformService Code/@codeList) [Optional] - nota: indicate the URL of the platform supplying the service (XPath SRVinformationrequest/SRVheader/platformServiceReference/serviceRequest edAction/@codeList) [Optional] - nota: Insert URL codelist of the platform services actions available.</pre>
country	code of the nation - base type: string, cod. table: T10 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml (XPath SRVinformationrequest/SRVheader/receiverParty/country) 0-1 (XPath SRVinformationrequest/SRVheader/senderParty/country) 0-1
@dateForm	format used for the date - base type: string, cod. table: NT29 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml (XPath SRVinformationrequest/SRVheader/msgDate/@dateForm) [Optional]
dept	name or code of a department - base type: string, max length: 40, (XPath SRVinformationrequest/SRVheader/receiverParty/dept) 0-1

	(XPath SRVinformationrequest/SRVheader/senderParty/dept) 0-1
@email	electronic mail address of the contact person within a Party - base type: string, max length: 250, (XPath SRVinformationrequest/SRVheader/senderParty/person/@email) [Optional] (XPath SRVinformationrequest/SRVheader/receiverParty/ person/@email) [Optional]
@fax	fax number of the contact person within a Party - base type: string, max length: 35, (XPath SRVinformationrequest/SRVheader/senderParty/person/@fax) [Optional] (XPath SRVinformationrequest/SRVheader/receiverParty/ person/@fax) [Optional]
furtherRequestedInformation	Details about the request for further information, free text, related to the service ticket r eferred in the platformServiceRef element of SRVheader. Html format allowed - base type: string, (XPath SRVinformationrequest/furtherRequestedInformation) 0-9
@geoRefSystem	georeference system adopted for the coordinate (in example wgs84 with decimal degr ee o degree with minute and seconds) - base type: string, (XPath SRVinformationrequest/SRVheader/senderParty/ geoCoordinates/@geoRefSystem) [Optional] (XPath SRVinformationrequest/SRVheader/receiverParty/ geoCoordinates/@geoRefSystem) [Optional]
id	primary identification code of a Party; it is recommended to use an EORI number (with @numberingOrg= "EO") or the format: nation code (ISO 3166) + national tax code (i.e. VAT identification number) with @numberingOrg= "MF" - base type: string, max length: 15, (XPath SRVinformationrequest/SRVheader/receiverParty/id) 1-1 (XPath SRVinformationrequest/SRVheader/senderParty/id) 1-1
legalName	legal name - base type: string, max length: 250, (XPath SRVinformationrequest/SRVheader/senderParty/legalName) 0-1 (XPath SRVinformationrequest/SRVheader/receiverParty/legalName) 0-1
@In	Language code. - base type: string, cod. table: NT60 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT60.xml (XPath SRVinformationrequest/furtherRequestedInformation/@ln) []
msgDate	date of issue of the present message (xml document), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath SRVinformationrequest/SRVheader/msgDate) 0-1
msgID	key identifier of the business document in the information system of the issuing Party. I n case of more despatches of the same business document, it is unchanged. - base type: string, max length: 35, (XPath SRVinformationrequest/SRVheader/msgID) 0-1
@numberingOrg	 code specifying the organisation who has created or owns the coding or numbering sy stem base type: string, cod. table: NT6 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml (XPath SRVinformationrequest/SRVheader/receiverParty/id/@numberingOrg) [Optional] (XPath SRVinformationrequest/SRVheader/senderParty/id/@numberingOrg) [Optional]
person	name of a person (e.g. contact person within an organization) - base type: string, max length: 40, (XPath SRVinformationrequest/SRVheader/receiverParty/person) 0-1 (XPath SRVinformationrequest/SRVheader/senderParty/person) 0-1
@phone	phone number of the contact person within a Party - base type: string, max length: 35, (XPath SRVinformationrequest/SRVheader/senderParty/person/@phone) [Optional] (XPath SRVinformationrequest/SRVheader/receiverParty/ person/@phone) [Optional]
platformServiceCode	code of the available service

	- base type: string, cod. table: TRK01 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_TRK01.xml
	(XPath SRVinformationrequest/SRVheader/platformServiceReference/platformService Code) 1-1
postCode	code defining the postal zone - base type: string, max length: 10, (XPath SRVinformationrequest/SRVheader/receiverParty/postCode) 0-1 (XPath SRVinformationrequest/SRVheader/senderParty/postCode) 0-1
@role	 Third Party role qualifier base type: string, cod. table: NT2 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml (XPath SRVinformationrequest/SRVheader/receiverParty/@role) [Optional] nota: The use of this attribute is mandatory when the element to which it is associate d has TRCHeader as its parent. (XPath SRVinformationrequest/SRVheader/senderParty/@role) [Optional] nota: The use of this attribute is mandatory when the element to which it is associate d has TRCHeader as its parent. (XPath SRVinformationrequest/SRVheader/senderParty/@role) [Optional] nota: The use of this attribute is mandatory when the element to which it is associate d has TRCHeader as its parent.
@sender	 qualifier that specifies the Party issuing of the document base type: boolean, (XPath SRVinformationrequest/SRVheader/receiverParty/@sender) [Optional] nota: This attibute is mandatory when the STYLESHEET must be used. (XPath SRVinformationrequest/SRVheader/senderParty/@sender) [Optional] nota: This attibute is mandatory when the STYLESHEET must be used.
serviceRequestedAction	requested service action - base type: string, cod. table: TRK02 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_TRK02.xml (XPath SRVinformationrequest/SRVheader/platformServiceReference/serviceRequest edAction) 1-1
serviceTicketID	service ticket identifier - base type: string, (XPath SRVinformationrequest/SRVheader/platformServiceReference/serviceTicketID) 0-1 - note: mandatory after activation
street	street and building number identifying a location - base type: string, max length: 80, (XPath SRVinformationrequest/SRVheader/receiverParty/street) 0-1 (XPath SRVinformationrequest/SRVheader/senderParty/street) 0-1
subCountry	short name or code of the sub-country entity - base type: string, max length: 9, (XPath SRVinformationrequest/SRVheader/senderParty/subCountry) 0-1 (XPath SRVinformationrequest/SRVheader/receiverParty/subCountry) 0-1
subDept	name or code of a department - base type: string, max length: 40, (XPath SRVinformationrequest/SRVheader/receiverParty/subDept) 0-1 (XPath SRVinformationrequest/SRVheader/senderParty/subDept) 0-1
@um	specification of the unit of measure - base type: string, cod. table: NT7 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml (XPath SRVinformationrequest/SRVheader/senderParty/ geoCoordinates/@um) [Optional] [Default= DEGD] - nota: when not specified assume decimal DEGREEs (XPath SRVinformationrequest/SRVheader/receiverParty/ geoCoordinates/@um) [Optional] [Default= DEGD] - nota: when not specified assume decimal DEGREEs
@useProfile	use profile to which the present document if compliant if it was agreed by the parties. It is suggested a URI with reference to the firms or the URL of the profile. - base type: string, (XPath SRVinformationrequest/@useProfile) [Optional]
@version	Dictionary version from which the instance has been created

	- base type: string, cod. table: NT100 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml (XPath SRVinformationrequest/@version) [Optional] [Default= draft]
xGeoCoord	geographical coordinate x , corresponding to latitude - base type: decimal, (XPath SRVinformationrequest/SRVheader/receiverParty/ geoCoordinates/xGeoCoord) 1-1 (XPath SRVinformationrequest/SRVheader/senderParty/ geoCoordinates/xGeoCoord) 1-1
yGeoCoord	geographical coordinate y , corresponding to longitude - base type: decimal, (XPath SRVinformationrequest/SRVheader/senderParty/ geoCoordinates/yGeoCoord) 1-1 (XPath SRVinformationrequest/SRVheader/receiverParty/ geoCoordinates/yGeoCoord) 1-1
zGeoCoord	geographical coordinate z , corresponding to altitude - base type: decimal, (XPath SRVinformationrequest/SRVheader/senderParty/ geoCoordinates/zGeoCoord) 0-1 - note: altitude might be omitted (XPath SRVinformationrequest/SRVheader/receiverParty/ geoCoordinates/zGeoCoord) 0-1 - note: altitude might be omitted

2.3 Enumeration tables

List of enumeration tables used in the XML document.You can find all the tables with the corresponding codes at: http://www.ebiz.enea.it/eBIZ/imple/eBIZTCU-draft.asp?lingua=en&pag=6

NT100 - eBIZ TCFUpstream version NT2 - third party qualifier NT29 - format of a date NT6 - coding system owner/issuer NT60 - language, codes from ISO 639-1 (subset) NT7 - unit of measure T10 - ISO3166 - Country TRK01 - list of available services TRK02 - list of services functions

(the most relevant tables are detailed in the following Annexes too)

ACKNOWLEDGEMENT



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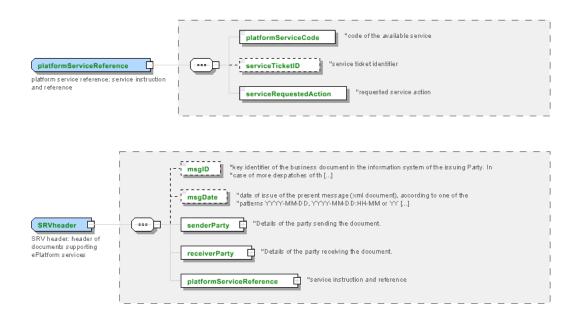
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Annex A

Representative images of the principal complex elements' structure.



Annex B

NT100 - eBIZ TCFUpstream version

dictionary version

Agency name: eBIZ

Decoding table: NT100

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml

Code	Description	Adoption note	Date of insertion
2013-1	v2013-1		01/07/2013
2018-1	v2018-1		04/11/2018
draft	draft		08/09/2017

NT2 - third party qualifier

Third Party role qualifier

Agency name: eBIZ

Decoding table: NT2 File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml

Code	Description	Adoption note	Date of insertion
AG	Sales Agent		
AU	Auditor		08/04/2019
BU	Buyer		13/06/2022
CE	Certification authority		08/04/2019
СМ	Commissioner		13/06/2022
CO	Quality Controller		
CU	Customs authority		13/06/2022
DC	Response to		
DF	Invoicee		
DI	Copy to (CC)		28/10/2014
DM	Consignee		
DP	Consignment address (Delivery Party)		
EX	Expert		13/06/2022
IM	Importer		
OR	Originator		10/09/2014
SC	Sub contractor		10/04/2019
SM	Service/ePlatform manager		08/04/2019

SP	Forwarder	
SU	Supplier	13/06/2022
TL	Test or analysis laboratory	13/06/2022
ТΧ	Tax Representative	

NT29 - format of a date

format used for the date

Agency name: eBIZ

Decoding table: NT29 File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml

Code	Description	Adoption note	Date of insertion
D	YYYY-MM-DD		
М	YYYY-MM-DD:HH-MM (date and time)		
S	AAAA-MM-GG:HH-MM-SS (date and time with seconds)		13/06/2022
W	YYYY-WW		

NT6 - coding system owner/issuer

code specifying the organisation who has created or owns the registers of the present coding or numbering system

Agency name: eBIZ

Decoding table: NT6

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml

Code	Description	Adoption note	Date of insertion
CBR	National customs brokers registry		12/06/2023
CL	Customer/buyer		
СО	Quality Controller		
DU	D-U-N-S registry (Data Universal Numbering System)		04/05/2023
EB	eBIZ	replaces 'ML'	18/03/2019
EN	GS1 (ex-EAN International)		
EO	Registro EORI (Economic Operators Registration and Identification number)		04/03/2023
ES	e-Stockflow	DEPRECATED	
FO	Supplier		
GS	GS1		01/07/2013
MF	national taxation authority (i.e. VAT codes registry)		
ML	Moda-ML	DEPRECATED	

PL	Application Platform		13/06/2022
REX	Registered Exporter system (REX)		19/05/2023
SP	Service Provider		
SU	Enterprise Identification Number UID	Only switzerland	04/03/2023

NT60 - language, codes from ISO 639-1 (subset)

Agency name: eBIZ / ISO

Decoding table: NT60 File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT60.xml

Code	Description	Adoption note	Date of insertion
af	Afrikaans		31/01/2019
ar	Arabic		31/01/2019
be	Belarusian		31/01/2019
bg	Bulgarian		31/01/2019
bn	Bengali		31/01/2019
bo	Tibetan		31/01/2019
bs	Bosnian		31/01/2019
са	Catalan, Valencian		31/01/2019
CS	Czech		31/01/2019
da	Danish		31/01/2019
de	German		31/01/2019
el	Greek, Modern (1453-)		31/01/2019
en	English		31/01/2019
ео	Esperanto		31/01/2019
es	Spanish, Castilian		31/01/2019
et	Estonian		31/01/2019
eu	Basque		31/01/2019
F	Female		15/04/2019
fa	Persian		31/01/2019
fi	Finnish		31/01/2019
fr	French		31/01/2019
ga	Irish		31/01/2019
gd	Gaelic, Scottish Gaelic		31/01/2019
gn	Guarani		31/01/2019
he	Hebrew		31/01/2019
hr	Croatian		31/01/2019

		1
ht	Haitian, Haitian Creole	31/01/2019
hu	Hungarian	31/01/2019
hy	Armenian	31/01/2019
ia	Interlingua (International Auxiliary Language Association)	31/01/2019
id	Indonesian	31/01/2019
is	Icelandic	31/01/2019
it	Italian	31/01/2019
ja	Japanese	31/01/2019
jv	Javanese	31/01/2019
ka	Georgian	31/01/2019
km	Central Khmer	31/01/2019
ko	Korean	31/01/2019
ku	Kurdish	31/01/2019
lb	Luxembourgish, Letzeburgesch	31/01/2019
lo	Lao	31/01/2019
lt	Lithuanian	31/01/2019
lv	Latvian	31/01/2019
mg	Malagasy	31/01/2019
mk	Macedonian	31/01/2019
mn	Mongolian	31/01/2019
mt	Maltese	31/01/2019
nl	Dutch, Flemish	31/01/2019
no	Norwegian	31/01/2019
pl	Polish	31/01/2019
pt	Portuguese	31/01/2019
ro	Romanian, Moldavian, Moldovan	31/01/2019
ru	Russian	31/01/2019
se	Northern Sami	31/01/2019
sk	Slovak	31/01/2019
sl	Slovenian	31/01/2019
sm	Samoan	31/01/2019
SO	Somali	31/01/2019
sq	Albanian	31/01/2019
sr	Serbian	31/01/2019
sv	Swedish	31/01/2019
SW	Swahili	31/01/2019
ta	Tamil	31/01/2019
th	Thai	31/01/2019

tr	Turkish	31/01/2019
uk	Ukrainian	31/01/2019
ur	Urdu	31/01/2019
uz	Uzbek	31/01/2019
vi	Vietnamese	31/01/2019
zh	Chinese	31/01/2019

NT7 - unit of measure

specification of the unit of measure, it is a sub set of table Unit of Measure Code - UN/ECE REC 20 delivered by United Nations Economic Commission for Europe (UN/ECE)

Agency name: eBIZ / UN/ECE

Decoding table: NT7 File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml Other link: http://docs.oasis-open.org/ubl/os-UBL-2.1/cl/gc/default/UnitOfMeasureCode-2.1.gc#

Code	Description	Adoption note	Date of insertion
СМК	square centimetre		20/12/2017
CMQ	cubic centimetre		20/12/2017
CMT	centimetre		
CNE	centiNewton		
CO2TON	ton of CO2		10/09/2014
COUPLES	couples		
DAY	day		22/08/2022
DEGD	decimal degrees		04/07/2022
DEGMS	degrees with minutes and seconds		01/07/2022
DMQ	cubic decimetre		
E37	pixel		11/04/2018
GRM	gram		
HUR	hour		
INH	inch		
KGM	kilogram		
KMT	kilometer		
KWH	kilowatthours		10/09/2014
LBR	pound		
MCG	microgram		23/08/2022
MG	milligram		23/08/2022
MIN	minute		
MMK	square millimetre		20/12/2017

MONTH	month	22/08/2022
MSEC	millisecond (time)	22/08/2022
МТК	square metre	20/12/2017
MTQ	cubic metre	
MTR	metre	
NMB	numero	
ONZ	ounce	
P1	percent	
PPM	parts per milion	
PZ	piece	
RPM	rounds per metre	
SEC	second (time)	22/08/2022
YEAR	year	22/08/2022
YRD	yard	

T10 - ISO3166 - Country

code of the nation

Agency name: ISO

Decoding table: T10 File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml

Table not printed: there are 240 elements, more than the maximum specified for printing: 99.

TRK01 - list of available services

Agency name: TRICK project

Decoding table: TRK01 File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_TRK01.xml

Code	Description	Adoption note	Date of insertion
0	Traceability		07/09/2022
1	PCO, Preferential Origin certification		07/09/2022
2	Circular Manufacturing assessment		07/09/2022
3	PEF and environmental footprint		07/09/2022
4	Health protection assessment		07/09/2022
5	Social and Ethical protection assessment		07/09/2022

TRK02 - list of services functions

Agency name: TRICK project

Decoding table: TRK02 File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_TRK02.xml

Code	Description	Adoption note	Date of insertion
activate	service activation		07/09/2022
execution	service execution		07/09/2022
getinfo	getting information from the service		07/09/2022
proposedreport	proposal for the final report		07/09/2022
reportapproval	final report approved		07/09/2022
reportrejected	final report rejected		07/09/2022
setinfo	uploading information to the service		07/09/2022