

# Supply, operation, support and further development of eFTI Gate CZ

Project Framework Specification

Background document for the preliminary market consultation

Document version: 1.0

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## 1 Document properties

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### 1.1 Document version

Version	Date	Change description	Prepared by
1.0	30.04.2026	Document	Lenka Chroncová

### 1.2 Abbreviations used

Abbreviation	Meaning
eFTI	Electronic Freight Transport Information
eFTI Gate	An eFTI gateway consisting of a secure communication channel
eFTI Platform	A certified eFTI platform
L1, L2	Levels of provided Support
PTK	Preliminary market consultation
Rol	Registry of Identifiers
AAP	Authority Access Point
CA(O)	Competent Authority (Officer)
EO	Economic Operator
UAP	User Application
IAA	IAA (Identification, Authentication and Authorisation)
DIWASS	Digital Waste Shipment System
NK CC	National Cloud Computing Catalogue
CAAIS	Central Authentication and Authorisation Information System (CAAIS) is the central sign-in system for public administration that enables unified and secure user access to line-of-business information systems (AIS).
COTIF	The Convention concerning International Carriage by Rail promulgated in the Czech Republic by Decree of the Minister of Foreign Affairs No. 8/1985 Coll.

## 2 Purpose of the document

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This document serves as an annex to the Preliminary Market Consultation for the delivery of the eFTI Gate CZ system and provides basic information about the planned project, including its main objectives – digitisation of documentation and processes in the field of freight transport and fulfilment of the related European Union legislative requirements.

The objectives of the preliminary market consultation are:

- to determine whether the solutions available on the market cover the European Union legislative requirements,
- to determine which delivery option is suitable for the Czech Republic.

The description includes specific requirements for the eFTI Gate CZ system, technical parameters, mandatory parts of the solution, and requirements for security and communication standards. The document contains a consistent conceptual solution architecture design.

The main objectives of the document include:

- to describe key aspects of the possible delivery and the conditions for its potential implementation and, based on this knowledge,
- to provide the potential Contracting Authority with the information necessary to prepare responses within the preliminary market consultation.

This document is a working material for the purposes of the preliminary market consultation pursuant to Section 33 of Act No. 134/2016 Coll., on Public Procurement, as amended. It is neither procurement document nor a binding description of the future public contract. The content of the document may be further adjusted, supplemented, or changed during the preparation of the procurement procedure.

The Contracting Authority will ensure equal treatment of all participants in the preliminary market consultation. Information provided by individual participants will be used exclusively for the purposes of preparing the procurement documentation and will not be used in a manner that would advantage or disadvantage any participant.

### 3 Executive summary

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#### 3.1 Purpose and objectives of the project

eFTI (Electronic Freight Transport Information) is a framework for the electronic exchange of regulatory freight transport information between economic operators and competent authorities in the EU. It enables the digitisation of documents and transport processes so that they are available via certified platforms (eFTI Platform) and secure communication channels (eFTI Gate).

The objective is to simplify administration, increase interoperability, and ensure secure access to data for control authorities in line with EU legislation.

The objectives of the eFTI Gate CZ project are as follows:

1. Implementation of the mandatory parts of the eFTI Gate for the Czech Republic, specifically:
  - a. **Implementation of the eFTI Gate.**
  - b. **Implementation of a user application** for control authorities operating in the Czech Republic (UAP).
  - c. **Provision of user support services** L1 and L2.
2. **CAAIS integration** and use of its functionality for authorisation and authentication of UAP users. The Contracting Authority states that the integration may be implemented in later phases of the project if, for time or capacity reasons, it cannot be delivered by the deadline of 9 July 2027. In such a case, the delivery must include alternative options for user authorisation and authentication in accordance with Commission Implementing Regulation (EU) 2024/1942.
3. **Enable future development** of the eFTI Gate system in accordance with applicable legislation and the requirements of Czech control authorities.

The solution must be fully compliant with Regulation (EU) 2020/1056 (eFTI) and Commission Implementing Regulation (EU) 2024/1942.

The requested solution does not include the integration of eFTI Platforms, integration of the information systems of control authorities with eFTI Gate CZ, or a communication interface for integrating the information systems of control authorities.

#### 3.2 General project implementation approach and preliminary schedule

Considering the current state of knowledge, the scope of the required delivery, and experience from other implemented projects, the proposed implementation approach consists of the following steps:

	Step	Start date	End date	Days
1	Preliminary market consultation (PMC)	30.04.2026	14.05.2026	14

2	Selection of the recommended solution option	14.05.2026	03.06.2026	20
3	Preparation of the procurement procedure for the delivery of the eFTI Gate CZ solution	03.06.2026	09.08.2026	67
4	Conducting the procurement procedure for the delivery of the eFTI Gate CZ solution	09.08.2026	28.10.2026	80
5	Evaluation of the procurement procedure for the delivery of the eFTI Gate CZ solution	28.10.2026	07.12.2026	40
6	Signing the contract for the delivery of the eFTI Gate CZ solution	07.12.2026	05.02.2027	60
7	Delivery implementation	05.02.2027	06.05.2027	90
7a	Registration in the National Cloud Computing Catalogue	05.02.2027	06.05.2027	90
8	Acceptance procedure	06.05.2027	05.07.2027	60
9	<b>Go-live</b>	<b>09.07.2027</b>		

Participation in the preliminary market consultation does not establish any right of a participant to conclude a contract or to receive any advantage in the future procurement procedure. The Contracting Authority reserves the right to amend the content of the preliminary market consultation at any time or to terminate it.

### 3.2.1 Further documentation

1. CAAIS documentation see <https://docs.caaais.gov.cz/integrace/index.html>
2. Registration of a cloud computing service provider - More info on registration process see : <https://www.dia.gov.cz/cs/nase-cinnosti/na-cem-pracujeme/egovernment-cloud/metodiky-navody-formulare>

## 4 Assignment

The assignment is based on the Contracting Authority's input materials, Regulation (EU) 2020/1056 (eFTI), and discussions. It summarises the current understanding of the Contracting Authority's needs and requirements at the time this document was prepared.

### 4.1 Project objectives

List of objectives based on the Contracting Authority's input materials and Regulation (EU) 2020/1056 (eFTI).

Objective	Description	Mandatory
Implementation of the eFTI Gate for the Czech Republic	Ensuring interoperability between public (CAs) and private (EOs) systems and between eFTI Gates of other EU countries. Covers all components set out in Commission Implementing Regulation (EU) 2024/1942: <ul style="list-style-type: none"> <li>• Article 2(3)(a), Article 3, Article 4 – Authority Access Point (AAP)</li> <li>• Article 2(3)(b), Article 5 – Authorisation Registry</li> <li>• Article 2(3)(c), Article 6 – eFTI Gate</li> <li>• Article 2(3)(d), Article 8 – Search mechanism</li> <li>• Article 9 – Message exchange</li> <li>• Article 10 – Security certificates</li> <li>• Article 11 – Registry of Identifiers (RoI)</li> </ul>	YES
Implementation of a user application for control authorities operating in the Czech Republic (UAP)	To provide control authorities with secure and standardised access to electronic freight transport information via a user application. Covers all components set out in Commission Implementing Regulation (EU) 2024/1942:	YES

	<ul style="list-style-type: none"> <li>Article 2(3)(e), Article 3, Article 7 – User Application (UAP)</li> </ul>	
Provision of L1 and L2 user support services	<p>Providing technical support for users from control authorities (CAs) (not for the private sector (EOs)) – L1, L2.</p> <p>Covers all components set out in Commission Implementing Regulation (EU) 2024/1942:</p> <ul style="list-style-type: none"> <li>Articles 12, 13</li> </ul>	YES
CAAIS integration	<p>Use of CAAIS functionality for authentication and authorisation of users accessing the UAP is preferred already in the first phase of the project. However, if this cannot be implemented for time or capacity reasons, another suitable solution compliant with the requirements of Commission Implementing Regulation (EU) 2024/1942 may be used.</p>	YES
Enable further development of the system	<p>Ensure that the system can be further developed in line with CA requirements and legislative requirements.</p>	YES
Integration of internal systems of control authorities	<p>Integration of internal systems will be fully under the responsibility of the control authorities.</p>	NO
Integration of eFTI Platforms	<p>Integration of eFTI Platforms will be fully under the responsibility of platform operators. (The eFTI Gate operator will enable platform registration in the eFTI Gate and will provide a communication interface for data transfer.)</p>	NO

## 4.2 Future development

In subsequent phases of the eFTI Gate CZ project, further development of the system is anticipated. The following development areas have been identified so far. Their list may be expanded and changed based on operational experience and feedback.

Output	Description
Integration of the solution with DIWASS (Digital Waste Shipment System)	DIWASS is a central hub for the real-time exchange of information on waste transport.
Communication interface for connecting control authorities to eFTI Gate CZ	<p>The communication interface will enable the connection of internal systems of control authorities to eFTI Gate CZ for the purpose of obtaining eFTI data.</p> <p>Control authorities in the Czech Republic:</p> <ul style="list-style-type: none"> <li>• Ředitelství služby dopravní policie</li> <li>• Státní plavební správa</li> <li>• Česká inspekce životního prostředí</li> <li>• Drážní úřad</li> <li>• Generální finanční ředitelství</li> <li>• Inspekce silniční dopravy</li> <li>• Celní správa České republiky</li> <li>• Úřad civilního letectví</li> </ul> <p>The list may not be exhaustive.</p>
Back-office application	An application used by the eFTI Gate CZ system administrator, enabling e.g. registration of a new eFTI Platform, another eFTI Gate, lookup of the history of data requests, statistics, etc.

### 4.3 Prerequisites and implementation conditions

List of the main limiting conditions imposed on the solution by the Contracting Authority.

Constraint	Description and impact estimate
Go-live deadline set by the EU Member State obligation	By 9 July 2027, EU Member States must be able to receive regulatory freight transport information in electronic form.
Expected delivery date of the solution	The pilot operation and acceptance procedure will take 2 months; therefore, the solution must be delivered no later than 6 May 2027.
Expected date of contract signature with the Supplier	The Contracting Authority expects that, given the complexity of the procurement procedure, it will be possible to sign the contract with the Supplier at the earliest on 5 February 2027.
Supplier registration in the National Cloud Computing Catalogue	<p>Act No. 365/2000 Coll., on Public Administration Information Systems and on amendments to certain other acts, as amended, Section 6k</p> <p>The Supplier will have to be registered in the National Cloud Computing Catalogue (NK CC) – registration takes approximately 3 months and must be completed before go-live (by 9 July 2027).</p>
Preservation of existing business processes	Preservation of existing business processes (no new obligations for EOs).
Use of eDelivery and message formats	Mandatory use of eDelivery AS4 and XML message types for Gate-to-Gate (mandatory) and Gate-to-Platform (an adequate alternative is also possible).
Only certified eFTI Platforms	Access only for certified eFTI Platforms.
The eFTI Gate never stores regulated data, except for identifiers in the RoI.	Regulated freight transport data are not stored in the eFTI Gate. Only identifiers required for search (RoI) may be stored.
Provision and operation of the Helpdesk solution in an international environment	Customer support must be provided in Czech (L1) and English (L1, L2).

### 4.4 Legislation

List of the main legal regulations that affect the design, administration, and operation of the required solution.

Regulation	Description
Regulation (EU) 2020/1056 and related secondary legislation	In particular, Commission Implementing Regulation (EU) 2024/1942
List of relevant provisions of national legislation requiring the provision of information that is identical, in whole or in part, to the information referred to in Article 2(1)(a) and (b) of Regulation (EU) 2020/1056:	1) Act No. 111/1994 Coll., on Road Transport as amended: Section 23(2)(a); 2) Act No. 266/1994 Coll., on Railways, as amended: Section 63(2), with regard to the information requirements in accordance with Chapter 5.4, Part 5 of the Regulations concerning the International Carriage of Dangerous Goods by Rail (RID), contained in Appendix C to COTIF; 3) Act No. 49/1997 Coll., on Civil Aviation, as amended: Section 85a; 4) Decree No. 478/2000 Coll., implementing Act on Road Transport, as amended: Section 1 5) Notice of the Ministry of Foreign Affairs No. 102/2011 Coll., with regard to the information requirements in accordance with Chapter 5.4, Part 5 of the regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN).

#### 4.5 Required cooperation

Cooperation	Description
Cooperation with competent authorities during the implementation of the eFTI Gate	Main users of the solution, mandatory from 9 July 2027.
Cooperation when connecting to eFTI Platforms	Pilot connection to an eFTI Platform operated by a private entity.

## 5 Requirements

Requirements that have a significant impact on the scope of the project, price, timelines, and the concept of the delivery solution.

For business, technical, and operational requirements, the complete source is the document Commission Implementing Regulation (EU) 2024/1942 (<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32024R1942>), in particular Chapters II, III and IV.

The following chapters list requirements that have been identified by the Contracting Authority beyond the regulation mentioned above. Requirements gathering will continue, so the list may not be complete.

### 5.1 Business requirements

Baseline requirements are defined in the document Commission Implementing Regulation (EU) 2024/1942 (<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32024R1942>). Additional requirements identified beyond the regulation:

Requirement	Description
Scalability for future load	Scalability for future load
Use of CAAIS functionality	Use of CAAIS functionality for authorisation and authentication of the UAP user
Czech language	UAP localised into the Czech language

## 5.2 Technical requirements

Baseline requirements are defined in the document Commission Implementing Regulation (EU) 2024/1942 (<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32024R1942>). Additional requirements identified beyond the regulation:

Requirement	Description
<b>Interoperability and scalability</b>	Interoperability and scalability will become core characteristics of the system. eFTI Gate CZ will support standardised eDelivery data formats for Gate-to-Gate communication and, unless agreed otherwise, also for Gate-to-Platform communication. System scalability will enable easy addition of new functions, modules, and data flows according to user needs. This will ensure the system's long-term sustainability and extensibility.
<b>Geographically separated data centre</b>	System operation will be ensured through a redundant infrastructure that will include a geographically separated data centre.
<b>Automated backups</b>	Automated backups will be performed at least once per day, with backups retained on separate storage for 12 months.
<b>Environments</b>	At least 2 environments are required: TEST and PROD.

## 5.3 Operational requirements

Baseline requirements are defined in the document Commission Implementing Regulation (EU) 2024/1942 (<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32024R1942>). Additional requirements identified beyond the regulation:

Requirement	Description
<b>Czech language</b>	L1 technical support will be provided in the Czech language.
<b>SLA</b>	
<b>High availability</b>	
<b>Disaster recovery</b>	

## 5.4 Security principles

No specific security principles have been defined by the Contracting Authority; in general, project implementation will be governed by the following regulations.

Principle	Description
<b>Compliance with Act No. 365/2000 Coll.</b>	Act on Public Administration Information Systems
<b>Compliance with Act No. 264/2025 Coll.</b>	Cybersecurity Act

## 5.5 Out of scope

The following parts of the solution, services, or components are not required as part of the delivered solution.

Part	Description
<b>eFTI Platform</b>	The eFTI Platform is a central component of the private part of the eFTI infrastructure, operated by Economic Operators (EOs) to make regulatory information available within the eFTI environment. It serves as the single access point for EOs to the eFTI network and must be certified by an accredited body.
<b>Integration of eFTI Platforms</b>	Integration of eFTI Platforms will be fully under the responsibility of platform operators. (The eFTI Gate operator will enable platform registration in the eFTI Gate and will provide a communication interface for data transfer.)

<p><b>Processing of eFTI data in the internal systems of control authorities</b></p>	<p>Information systems of control authorities refer to ICT equipment operated by control authorities to support their activities and fulfil related tasks. The transfer of regulated data from the eFTI Gate to these systems, as well as the processing of such data, is not part of the solution being prepared.</p>
<p><b>Helpdesk for the private sector</b></p>	<p>The solution includes only the part ensuring L1 and L2 support services for the public sector (CA/CAO).  L1 support for the private sector – operators of eFTI Platforms and their users – is not part of the solution.</p>

## 6 Solution design concept

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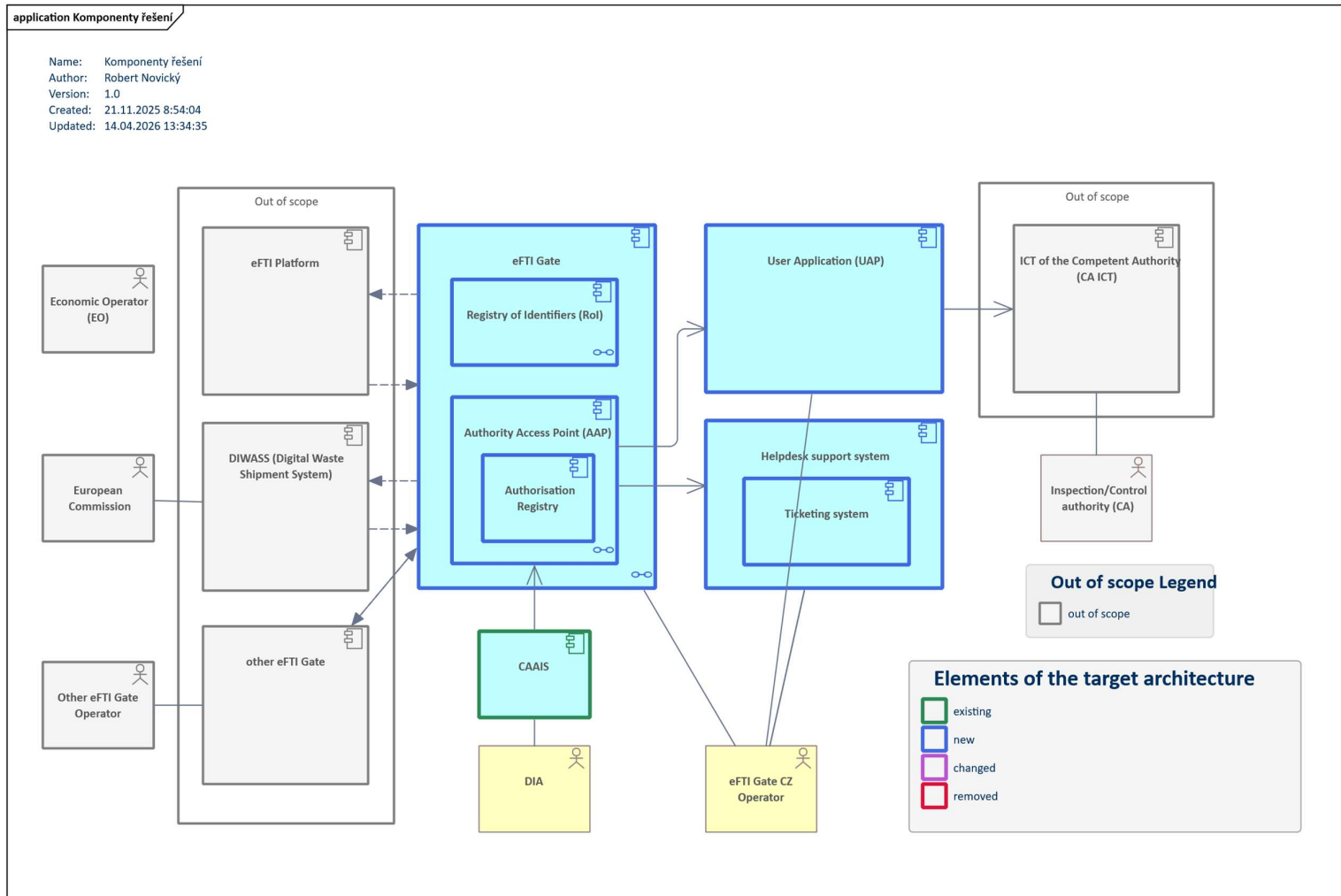
The concept of the proposed solution’s baseline view is illustrated by a diagram. The design also includes individual elements of the target solution. The primary focus is on the business and application layers.

### 6.1 Solution concept diagrams

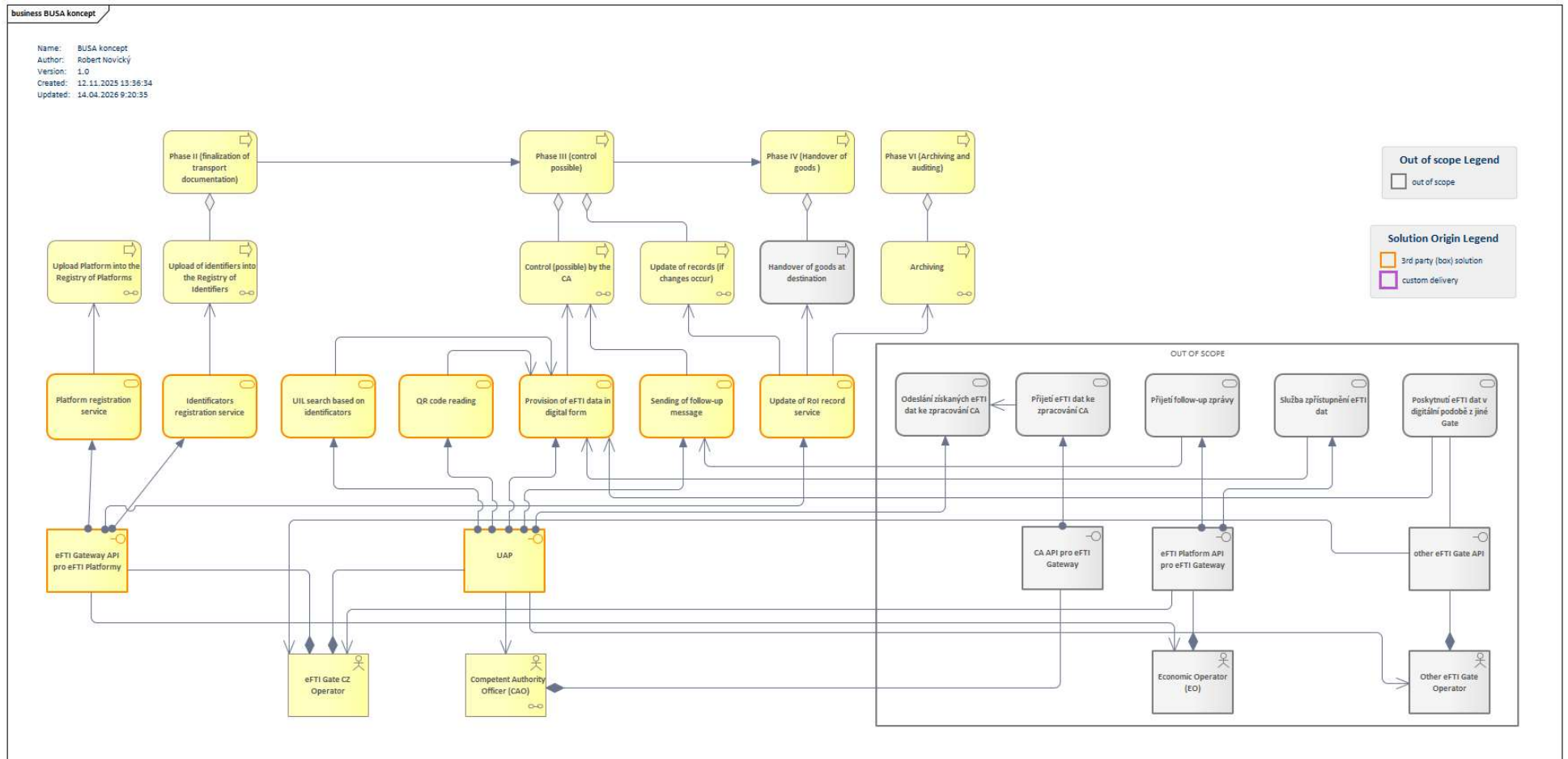
The diagrams illustrate the key high-level views of the target solution. At the level of individual elements, the current state is distinguished from the future state. They also differentiate between required parts and parts that are out of the project scope.

### 6.1.1 Introductory concept of the components

Solution components with the owner of each component indicated.



### 6.1.2 Introductory concept of the business layer

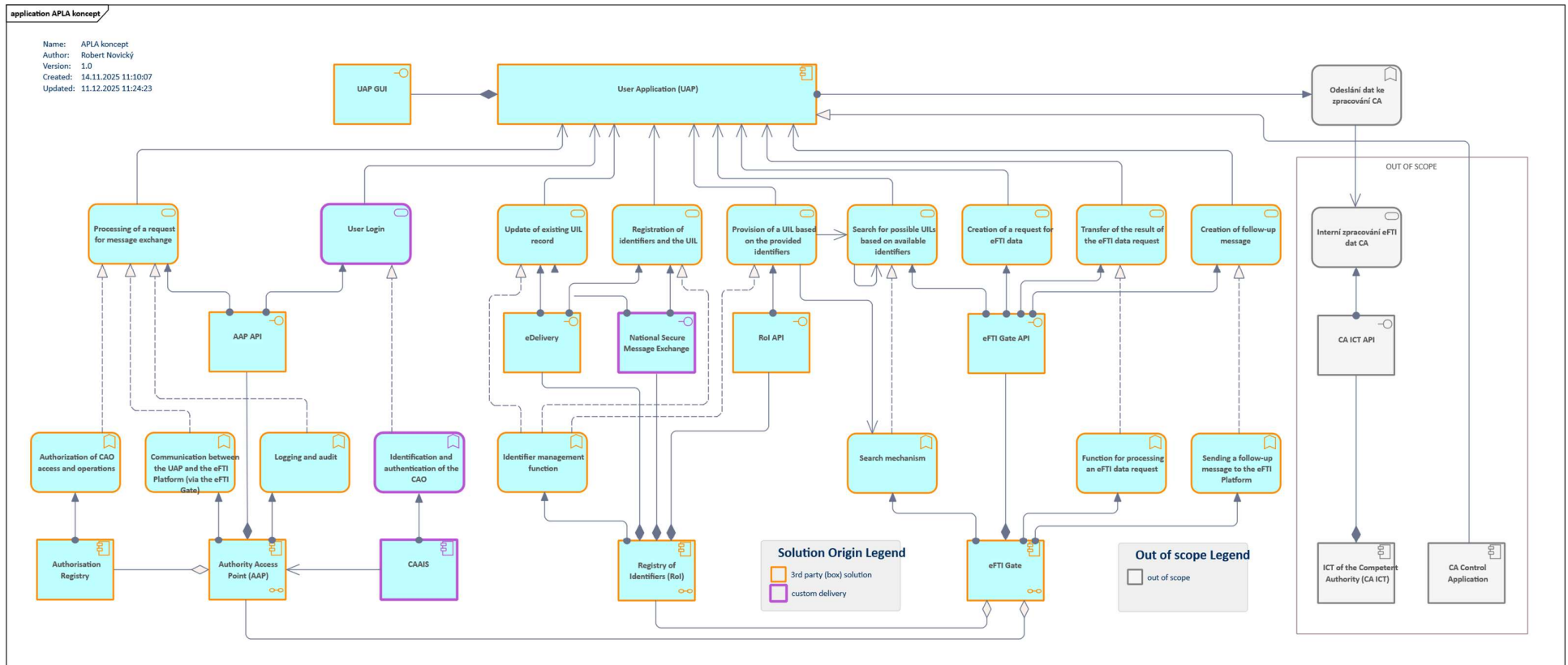


### 6.1.3 Introductory concept of the application layer

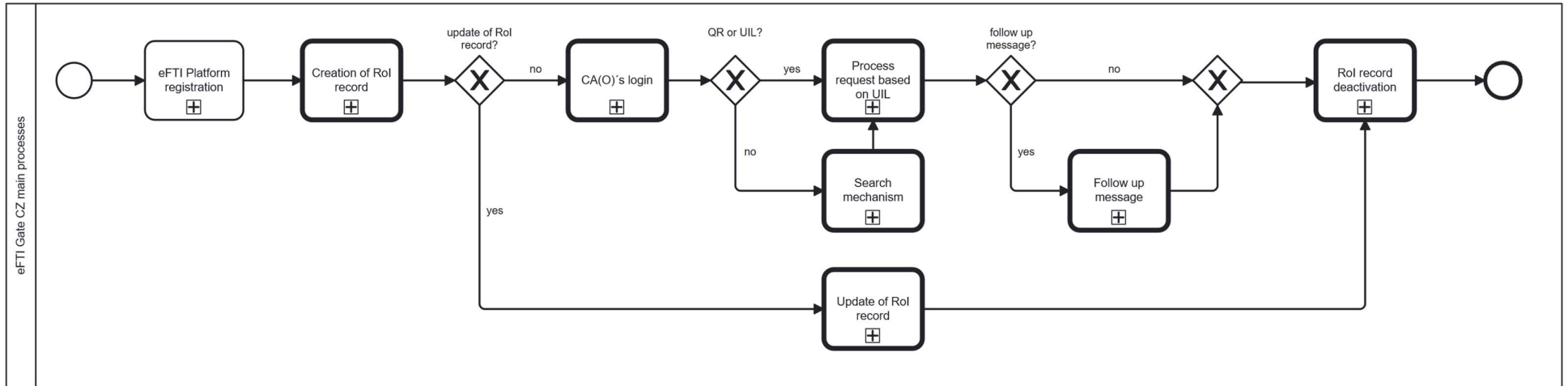
Application support can be delivered by a third party.

Data processing on the side of the control authorities is out of scope of the proposed solution.

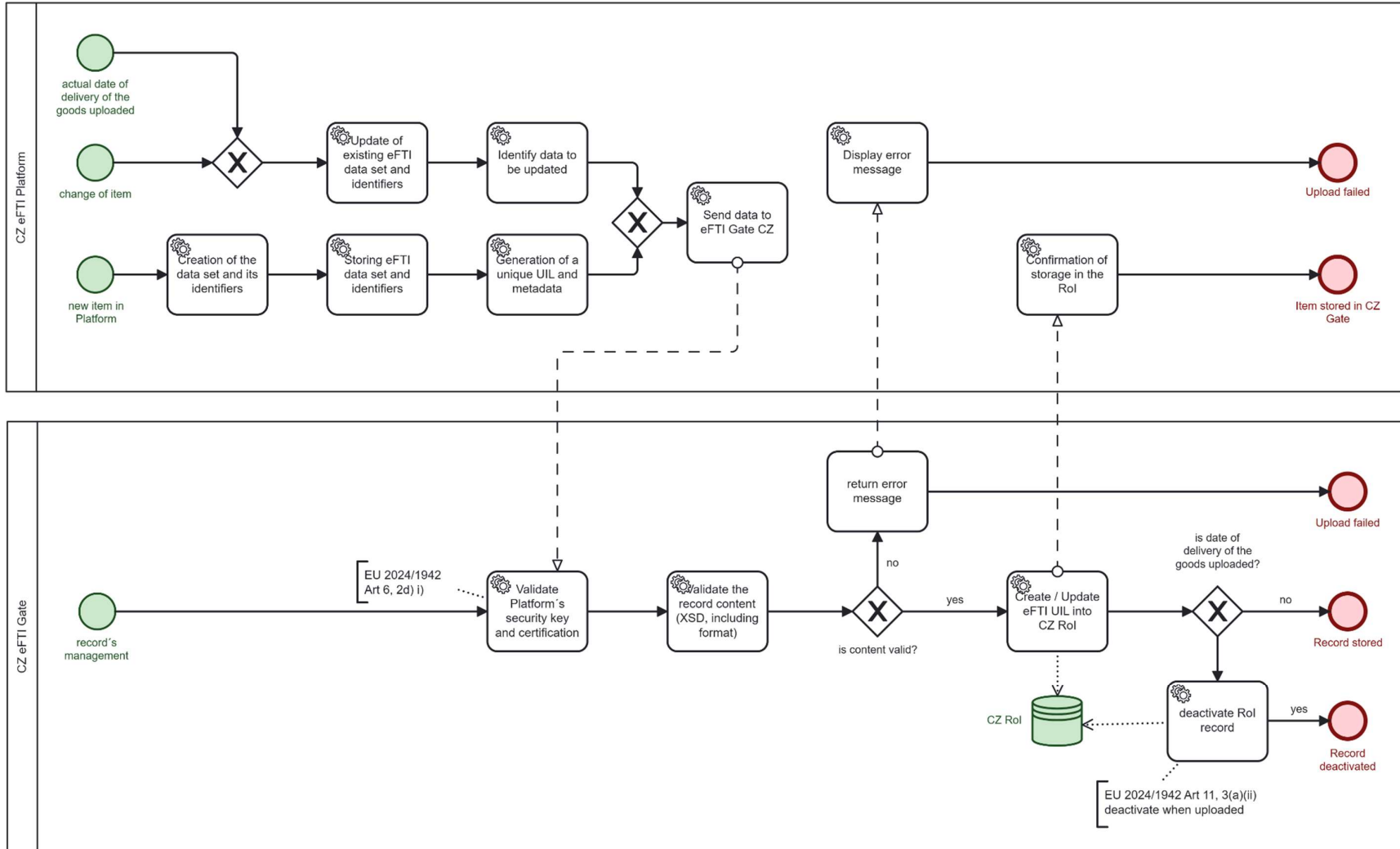
User applications used by CAOs during inspections may implement UAP functions.



### 6.1.4 eFTI Gate CZ main processes



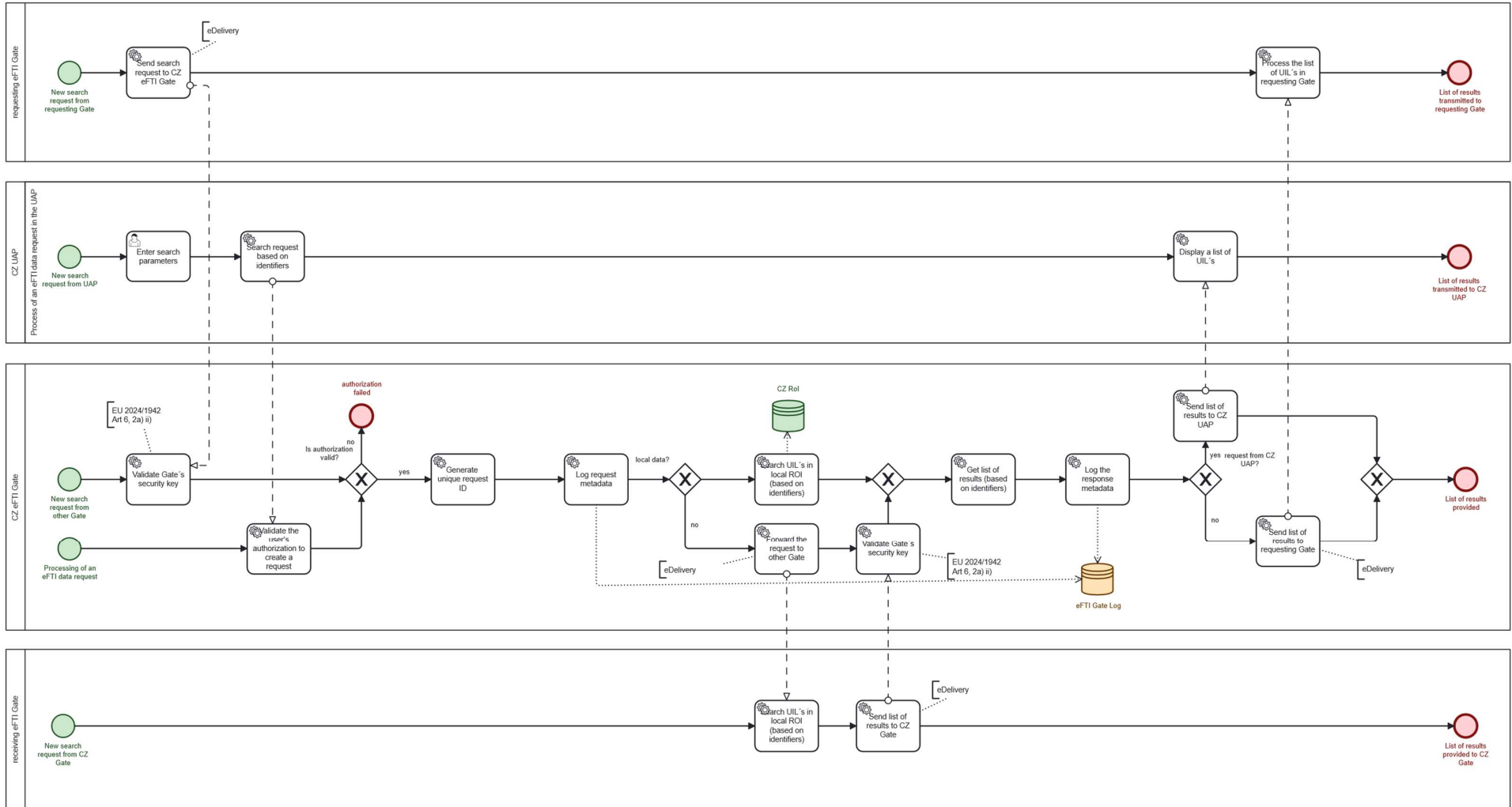
### 6.1.5 Process of creation, update and deactivation of Rol record (CZ Rol)



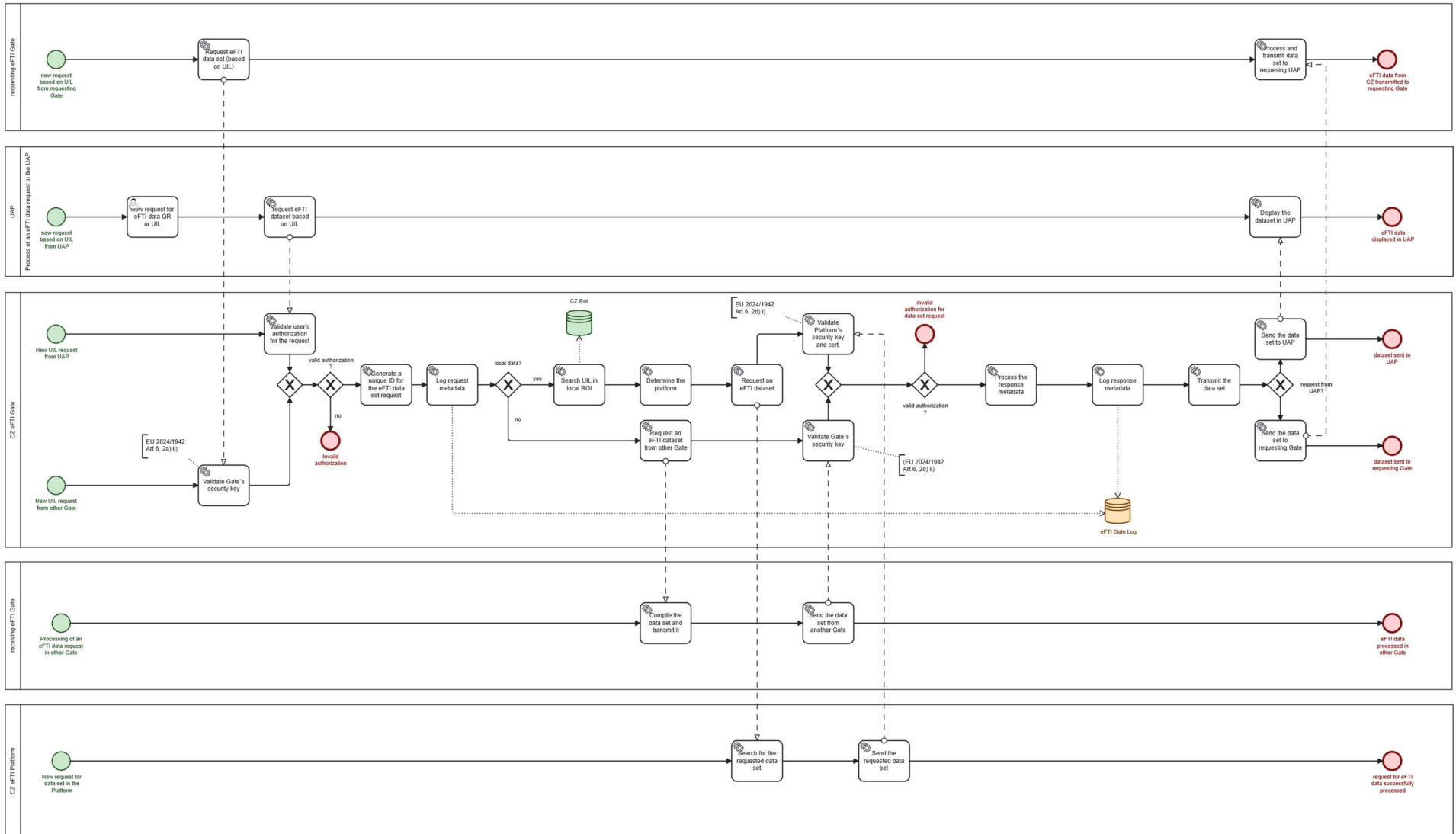
### 6.1.6 Processes of search and retrieving of eFTI data set

This is an initial draft of the main process, which may be further elaborated depending on the recommended solution variant.

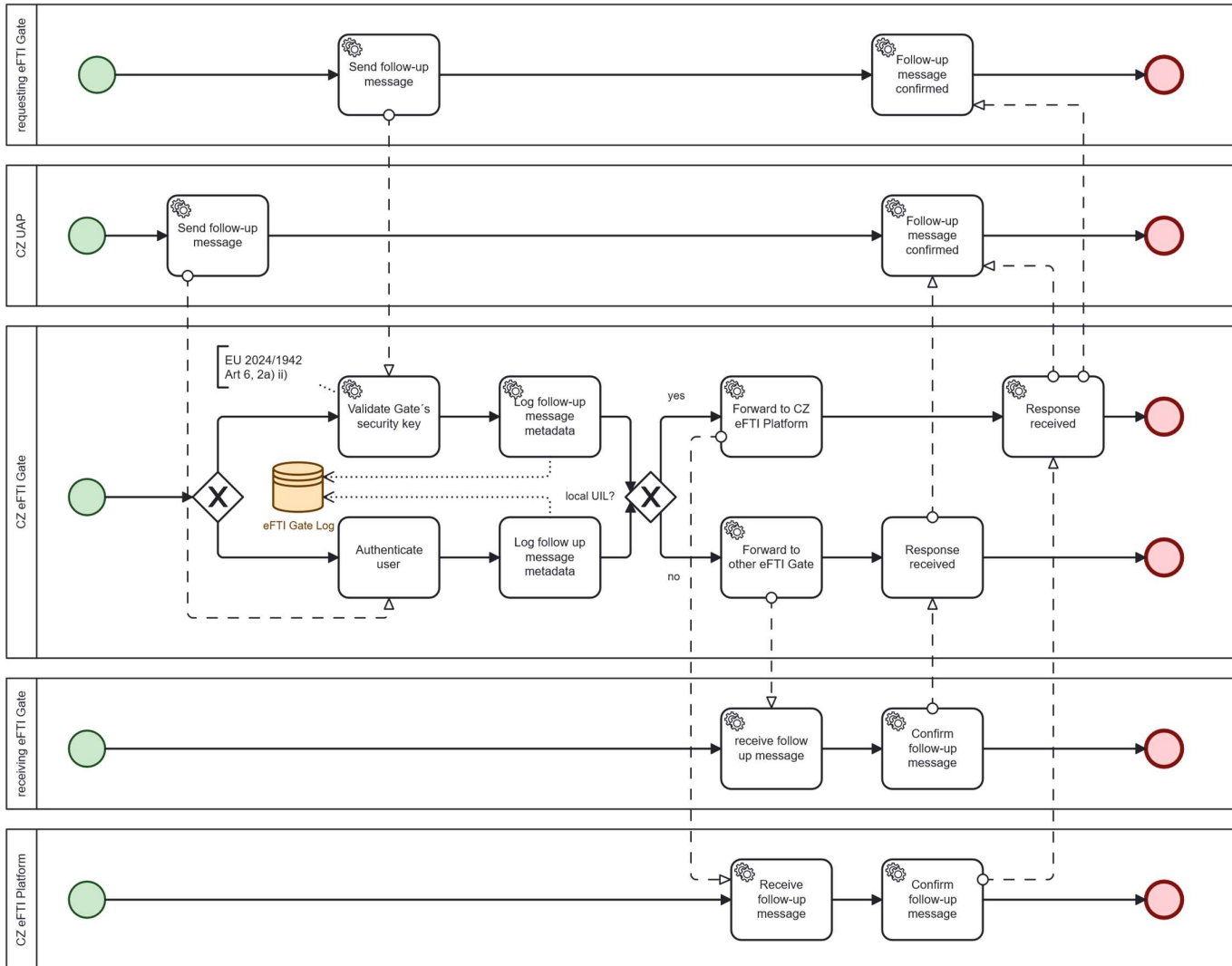
#### 6.1.6.1 Search mechanism



6.1.6.2 Process of retrieving eFTI data set based on unique UIL

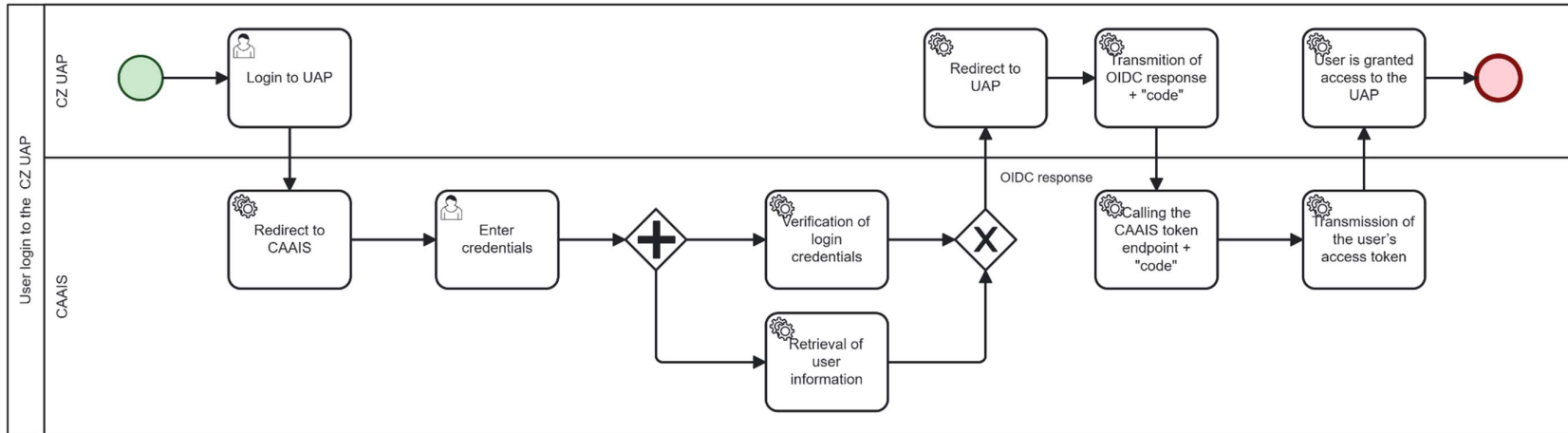


## 6.1.6.3 Processing of follow-up message



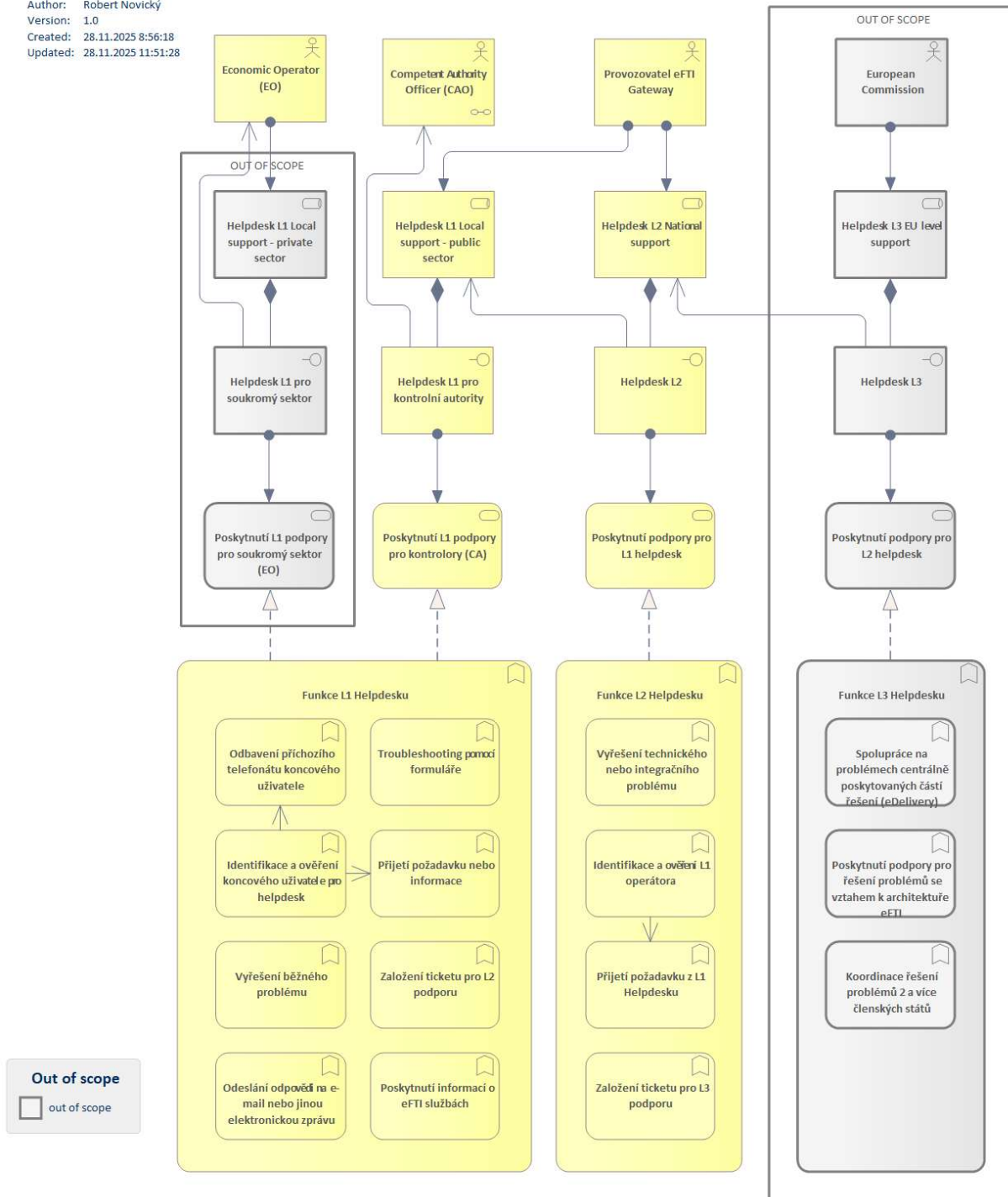
### 6.1.7 Process of CA user login (CZ UAP)

The process assumes the use of CAAIS functionality using OIDC.



### 6.1.8 Helpdesk

Name: Helpdesk (koncept)  
 Author: Robert Novický  
 Version: 1.0  
 Created: 28.11.2025 8:56:18  
 Updated: 28.11.2025 11:51:28



## 6.2 Business Actors

Main business actors of the solution.

Actor	Description	Scope
Celní správa České republiky	One of the public authorities (Competent Authorities – CAs) that carry out regulatory transport inspections.	
Česká inspekce životního prostředí	One of the public authorities (Competent Authorities – CAs) that carry out regulatory transport inspections.	
Competent Authority Officer (CAO)	Competent Authority Officer <ul style="list-style-type: none"> <li>employees of public authorities (Competent Authorities – CAs) who carry out regulatory transport inspections (e.g., roadside inspections, customs inspections).</li> <li>Typically the police, customs administration, and transport inspectorate.</li> <li>They use the eFTI infrastructure to obtain data (via the UIL or by searching using identifiers). In the event of discrepancies, they send follow-up communications to the EO.</li> </ul>	
DIA	DIA Digitální informační agentura	
Drážní úřad	One of the public authorities (Competent Authorities – CAs) that carry out regulatory transport inspections.	
Economic Operator (EO)	eFTI Platform operator <ul style="list-style-type: none"> <li>economic operators involved in the transport of goods – e.g., carriers, freight forwarders, logistics companies, warehouse operators.</li> <li>may make regulatory information available (e.g., data on cargo, means of transport) in digital form.</li> </ul>	Out of scope
eFTI Gate CZ Operator	EN: eFTI Gate CZ Operator	
European Commission		Out of scope
Generální finanční ředitelství	One of the public authorities (Competent Authorities – CAs) that carry out regulatory transport inspections.	
Inspection/Control authority (CA)	EN: Control authority (CA)	
Inspekce silniční dopravy	One of the public authorities (Competent Authorities – CAs) that carry out regulatory transport inspections.	
Other eFTI Gate Operator	EN: Other eFTI Gate Operator	Out of scope
Ředitelství služby dopravní policie	One of the public authorities (Competent Authorities – CAs) that carry out regulatory transport inspections.	
Státní plavební správa	One of the public authorities (Competent Authorities – CAs) that carry out regulatory transport inspections.	
Úřad civilního letectví	One of the public authorities (Competent Authorities – CAs) that carry out regulatory transport inspections.	

## 6.3 Business services

Business services of the solution.

Service	Description	Scope	Source*
Identifiers registration service	EN: Identifiers registration (Registration number, DG flag, time data) into RoI using eFTI Gate. Enables indirect search of data sets.	TO-BE	Box

Odeslání získaných eFTI dat ke zpracování CA		Out of scope	
Poskytnutí L1 podpory pro kontrolory (CA)		TO-BE	
Poskytnutí L1 podpory pro soukromý sektor (EO)		Out of scope	
Poskytnutí podpory pro L1 helpdesk		TO-BE	
Poskytnutí podpory pro L2 helpdesk		Out of scope	
Přijetí eFTI dat ke zpracování CA		Out of scope	
Přijetí follow-up zprávy		Out of scope	
Provision of eFTI data in digital form	EN: he request is submitted via the UAP (User Application) and the AAP (Authority Access Point). Request content: <ul style="list-style-type: none"> <li>• UIL (Unique Identifying Link) of the dataset or identifiers for searching the UIL in the Rol (Registry of Identifiers).</li> <li>• Reference to the CA Officer's access rights (automatically provided by the AAP from the Authorisation Registry).</li> <li>• Unique request ID (automatically generated by the AAP).</li> </ul>	TO-BE	Box
QR code reading	EN: QR code reading - provided by driver	TO-BE	Box
Sending of follow-up message	EN: Sending of follow-up message	TO-BE	Box
Služba zpřístupnění eFTI dat		Out of scope	
UIL search based on identifiers	EN: UIL search based on identifiers	TO-BE	Box
Update of Rol record service	EN: Update of Rol record service	TO-BE	Box

\*The origin "Box" indicates elements that may be available in an already existing off-the-shelf solution. The origin "Home" indicates elements that will require additional implementation work and will not be part of the off-the-shelf solution. If the origin is not specified, it means the element is either out of the project scope or it is not yet clear how it will be implemented.

## 6.4 Application components

Component	Description	Scope	Source*
Authorisation Registry	EN: Defines access rights and roles of individual CA Officers. It is key for controlling who can view which data and what operations they can perform. Usually part of the AAP.	TO-BE	Box
Authority Access Point (AAP)	EN: The Authority Access Point (AAP) is the central entry point for public authorities (Competent Authorities – CAs) into the eFTI environment. Its main tasks are: <ul style="list-style-type: none"> <li>• to identify, authenticate, and authorize individual CA Officers (to be addressed in cooperation with the CAAIS solution), and subsequently</li> <li>• to facilitate secure communication between their application (UAP) and the eFTI Gateway.</li> </ul> Without the AAP, secure access to the eFTI environment is not possible.	TO-BE	Box

	For the I/A functions of the AAP, the existing CAAIS component will be used.		
CA Control Application	Internal systems of control authorities	Out of scope	
DIWASS (Digital Waste Shipment System)	Central hub for the real-time exchange of information on waste transport. A digital platform for monitoring and controlling cross-border shipments of waste within the EU. Prepared by the European Commission; the integration/connectivity is not yet clear.	Out of scope	
eFTI Gate	EN: Implements communication protocols between components.  It is the backbone component for communication between the public and private parts of the system.  Ensures message routing, search, and interconnection with other eFTI Gates across the EU.	TO-BE	Box
eFTI Platform		Out of scope	
Helpdesk support system	EN: Helpdesk support (L1, L2) for CAO. Including ticketing system.	TO-BE	
ICT of the Competent Authority (CA ICT)	EN: ICT of the Competent Authority (CA ICT)  Information systems of competent authorities refer to ICT equipment operated by competent authorities to support their activities and the performance of related tasks.	Out of scope	
other eFTI Gate	Another member state's eFTI Gate.	Out of scope	
Registry of Identifiers (RoI)	EN: Stores links between identifiers and UILs (Unique Identifying Links) provided by eFTI Platforms.	TO-BE	Box
Ticketing system	EN: Helpdesk ticketing system. Serves to handle tickets from CAOs.	TO-BE	
User Application (UAP)	EN: The main user interface for CA Officers to submit requests, view data, and handle follow-up communication. Without the UAP, it would not be possible to practically use eFTI Gate.	TO-BE	Box

## 6.5 Application functions

Function	Description	Scope	Source*
Authorization of CAO access and operations	Authorization of CAO access and operations	TO-BE	Box
Function for processing an eFTI data request	Function for processing an eFTI data request	TO-BE	Box
Identifier management function		TO-BE	Box
Identification and authentication of the CAO		TO-BE	Home
Logging and audit	(min. 2 years) Record of all requests, responses, and follow-up messages. Includes: request ID, identifiers, UIL, timestamps, access rights.	TO-BE	Box
Sending data for CA processing		Out of scope	Box
Sending a follow-up message to the eFTI Platform		TO-BE	Box

Function	Description	Scope	Source*
Search mechanism	<p>Enables searching for datasets based on identifiers, which is necessary for inspections without direct access to the UIL (e.g. during roadside checks).  <b>An alternative to direct access via UIL</b> – used when the CA Officer does not have the UIL available but knows identifiers (e.g. license plate number, dangerous goods flag, loading date).</p> <p><b>1) Search request by a CA Officer</b>                      The Officer enters a primary key (e.g. license plate number) and optional secondary keys (e.g. DG flag) via the UAP.                      The request is sent via the AAP to the connected eFTI Gateway.</p> <p><b>2) Search on the eFTI Gateway</b>                      The Gateway performs a local lookup in the Rol. It then multicasts the request to all other eFTI Gateways in the network.</p> <p><b>3) Processing on remote Gateways</b>                      Each Gateway searches its own Rol. It returns a list of matching records (UIL + identifiers).</p> <p><b>4) Aggregation of results</b>                      The Gateway handling the request collects responses from other Gateways. It returns an aggregated list to the UAP.</p> <p><b>Key points:</b>  <b>Rol</b> = local registry on each Gateway containing UIL + identifiers.  <b>The search is distributed</b> – the request is propagated to all Gateways.  <b>The result</b> = a list of UILs that can subsequently be used for standard access.</p>	TO-BE	Box
Communication between the UAP and the eFTI Platform (via the eFTI Gate)	<p>Assign a unique identification number to each authorised eFTI data request made by the CA Officer via the UAP (Article 4(2)(c)).                      Forward the eFTI data request messages (received from the UAP) to the connected eFTI Gate (Article 4(2)(d)); each request is enriched by the granted access rights (when needed)<sup>16</sup> and the request identifier.                      Forward the eFTI data messages (received from the eFTI Gate in response to an eFTI data request) to the UAP (Article 4(2)(e)).                      Assign a unique identification number to each follow-up communication made by the CA Officer via the UAP (Article 4(2)(h)).                      Forward the follow-up communication messages (received from the UAP) to the connected eFTI Gate (Article 4(2)(i)).                      Establish and maintain a secure communication channel with the eFTI Gate (Article 4(3)(c)) and with the UAP (Article 4(3)(d)).                      Use standardised formats for the exchange of information with other eFTI components (Article 9(1)).</p>	TO-BE	Box

## 6.6 Business processes

Process	Description	Scope	Source*
Archiving		TO-BE	
Attribution of UIL	Extraction of eFTI dataset, upload of eFTI dataset; attribution of Unique Identifying Link (UIL)	Out of scope	
Control (possible) by the CA		TO-BE	

Dissemination of information between business partners over the finished transport, immediately after the completing of the transport		Out of scope	
Extraction and upload of eFTI dataset	Extraction of eFTI dataset, upload of eFTI dataset; attribution of Unique Identifying Link (UIL)	Out of scope	
Handover of goods at destination		Out of scope	
Handover of goods for shipping and finalization of transport documentation		Out of scope	
Preparation of the electronic transport data and eFTI datasets	Preparation of the electronic transport data and eFTI datasets by the EO using its information systems	Out of scope	
Process of setting up and registering follow-up messages		TO-BE	
Transport of goods	Transport of goods (period where the control by CAs can take place)	Out of scope	
Update of records (if changes occur)		TO-BE	
Update of Registry of Identifiers (deactivation)		TO-BE	
Upload of identifiers into the Registry of Identifiers	Upload of identifiers into the Registry of Identifiers (activation of an eFTI dataset)	TO-BE	
Use of archives for the ex-post control or auditing		TO-BE	