



**TELESPAZIO**

*a LEONARDO and THALES company*

# License Manager Interface Control Document ***EOEPCA.ICD.xxx***

TVUK System Team

Version 1.0, 30/11/2020:

# License Manager Interface Control Document

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EO Exploitation Platform Common Architecture  
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| <b>COMMENTS and ISSUES</b><br>If you would like to raise comments or issues on this document, please do so by raising an Issue at the following URL <a href="https://github.com/EOEPCA/um-license-manager/issues">https://github.com/EOEPCA/um-license-manager/issues</a> . | <b>PDF</b><br>This document is available in PDF format <a href="#">here</a> .   |
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## AMENDMENT HISTORY

This document shall be amended by releasing a new edition of the document in its entirety. The Amendment Record Sheet below records the history and issue status of this document.

*Table 1. Amendment Record Sheet*

| ISSUE      | DATE       | REASON                    |
|------------|------------|---------------------------|
| <b>0.1</b> | dd/mm/yyyy | Initial in-progress draft |

# Chapter 1. Introduction

## 1.1. Purpose and Scope

This document presents the License Manager Interfaces for the Common Architecture. It servers as a complementary document to its corresponding Software Design Document.

# Chapter 2. Overview

This Interface Control Document (ICD) is a companion to the System Design Document for the License Manager. The ICD provides a Building Block level specification of the interfaces exposed by the License Manager to the rest of EOEPKA components.

## Section [\[Interfaces\]](#)

Provides the interface specification of the Building Block.

# Chapter 3. License Manager Interfaces

## Abstract

*This OpenAPI Document describes the endpoints exposed by License Building Block deployments. Using this API will allow to update the licenses that the owner has access. This access is protected by OIDC Client, and SCIM Client components so the End Users resources can be protected using both the Login Service and the Policy Enforcement Point and access them through the Policy Decision Point.*

## 3.1. API Endpoints

### 3.1.1. GET License

GET /license/<id>

#### 3.1.1.1. Description

This operation returns the Code License associated to an id.

#### 3.1.1.2. Parameters

License ID

#### 3.1.1.3. Return Type

String

#### 3.1.1.4. Responses

Table 2. http response codes

| Code | Message      | Datatype     |
|------|--------------|--------------|
| 200  | OK           | String       |
| 401  | Unauthorized | ResponseType |
| 403  | Forbidden    | ResponseType |

### 3.1.2. POST/PUT License

Insert

POST /licenses/

Update

POST /license/<id>

#### 3.1.2.1. Description

This operation inserts or updates a License with the required parameters

#### 3.1.2.2. Parameters

The data model is JSON based and will have a template TBD.

#### 3.1.2.3. Return Type

ResponseType,

#### 3.1.2.4. Responses

Table 3. http response codes

| Code | Message      | Datatype     |
|------|--------------|--------------|
| 200  | OK           | String       |
| 400  | Bad Request  | ResponseType |
| 401  | Unauthorized | ResponseType |
| 403  | Forbidden    | ResponseType |

### 3.1.3. Billing Checks

#### 3.1.3.1. Policy Validation

GET /license/billing

##### 3.1.3.1.1. Description

This operation returns the information regarding time and storage consumed by a specific license.

##### 3.1.3.1.2. Parameters

The request must be protected in order to dispose the information of the user that makes the query. This is retrieved through the SCIM Client same as the protection of identity through the OIDC Client. The parameter to retrieve that information may be as UID of the User.

##### 3.1.3.1.3. Return Type

-TBD

##### 3.1.3.1.4. Responses

Table 4. http response codes

| Code | Message | Datatype |
|------|---------|----------|
| 200  | OK      | <<>>     |

#### 3.1.3.1.5. Samples

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