

Licence Monitoring

Authorisations and licenses thresholds / quota tracking

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Functionalities

Functionality purposed to offer a specific monitoring facility for authorisation/licenses. This includes new functionality and the reuse of existing functionality already available under the Files Page, such as setting a due date for a Document and having available a Details page for a license for context.

Purpose

The Monitoring functionality allows a BzCtrl. User to define the quantitative and/or financial scope of a customs licence, authorisation or other customs-related permit and continuously monitor the extent to which that scope has been consumed.

The functionality must support, in particular:

- Inward Processing authorisations;
- End Use authorisations;
- AGRIM/import licences;
- other licences or authorisations where quantities and/or values are limited;
- automated consumption of the available scope based on customs declarations;
- manual and API-based input;
- aggregation of multiple declarations into monitoring totals;
- drill-down from an aggregate figure to the underlying declarations;
- storage of supporting documentation;
- configurable threshold notifications.

The core principle is:

Authorised scope → actual declarations → calculated consumption → remaining scope → evidence/documentation

The Monitoring functionality should therefore provide both an operational overview and an auditable trail.

Licenses overview

Licenses

Opens pop up Form allowing creation of licenses (Domain level)

Should include filter option to show Active Licenses set as Default, meaning that license that have expired are not visible, but can be retrieved.

Opens Records Page Pre-filtered on License under which the selection is made under the Action button

Opens Monitoring Page for the License under which the selection is made under the Action button

Opens Products Page Pre-filtered on License under which the selection is made under the Action button

Duplicate functionality. When a license expires, for example after 5 years, it can be prolonged with another 5 years and so on. The license number remains the same, but the counting in terms of the scope 'restarts' from 0. Most of the times the prolongation is basically the license as is, only with a new duration on terms of start and end date. Hence, the duplicate option which should include all Product registrations under the license, as well as the values set per Product.

License	Description	Reference number	Start date	End date	Reference amount (EUR)	Guarantee amount (EUR)	Action
Authorised Economic Operator	Customs authorisation recognising compliance with AEO standards for customs, security and supply-chain controls.	BEAEOF0007327	04/07/2016	-			
Inward Processing	Customs authorisation for processing non-EU goods under duty and tax suspension.	BEIPOBE0078273	03/03/2023	02/03/2028	47.000.000.000	0	
Customs warehouse	Customs authorisation for the storage of non-EU goods under customs supervision.	BECWPBE0099642	14/09/2009	-	27.000.000.000	0	
Excise warehouse	Authorisation for the storage and processing of excise goods under duty suspension.	BEEEXW09764212	14/09/2009	-	349.000.000	9.000.000	

Same License name may occur, so under water unique reference similar to Forms table. Selecting name should open Details page

Core data model

A Monitoring record consists of an authorisation/licence and one or more defined monitoring scopes.

The basic hierarchy is:

Authorisation / Licence

|

├─ Scope 1

|

├─ Product

|

├─ Tariff Heading

|

├─ Quantity limit

|

├─ Value limit

|

├─ Period

|

└─ Monitoring rules

|

├─ Scope 2

|

├─ Product

|

├─ Tariff Heading

|

├─ Quantity limit

|

└─ ...

|

└─ Documents

A Product is an existing BzCtrl master-data object, referring to the Taric service.

A Product may therefore occur in multiple monitoring scopes, depending on the authorisation.

The scope must support the relevant dimensions required by the particular licence. Not every monitoring record necessarily has both a quantity and a value limitation.

Monitoring Scope

A License can contain one or multiple scopes.

Example:

Authorisation: Inward Processing Authorisation IP-2026-001

Scope

Product: High aromatic oils

Tariff Heading: 2707

Period: 01-01-2026 → 31-12-2026

Quantity:

100,000,000 KG

Customs Value:

EUR 100,000,000

Another authorisation might contain:

Product: Ethanol

Tariff Heading: 2207 1000

Quantity: 500,000 HL

The scope must be capable of being defined at the appropriate product/tariff level.

The Unit of Measurement (UoM) is legally defined, so any quantities recieved as input is regarded as those UoM. UoM relevant are KG (kilogram), L20 (Liters at 20 degrees), L15 (Liters at 15 degrees) and HL (Hectoliters). User should be able to defined from dropdown, default KG.

Example including declaration level

[illegible][illegible]

Drill-down to declarations

When a User clicks an aggregate monitoring figure, BzCtrl displays the transactions that make up that figure.

Example:

Monitoring / IP-2026-001 / Gas Oil / 2707

September 2026

7 declarations

Total: 70,000 MT

Value: €67,000,000

Date	MRN	Quantity	Customs Value	Source
02 Sep	26NL001...	10,000 MT	€9,000,000	SAP
05 Sep	26NL002...	10,000 MT	€9,500,000	SAP
08 Sep	26NL003...	10,000 MT	€9,700,000	Descartes
12 Sep	26NL004...	10,000 MT	€9,300,000	SAP
17 Sep	26NL005...	10,000 MT	€9,600,000	SAP
23 Sep	26NL006...	10,000 MT	€9,900,000	SAP
29 Sep	26NL007...	10,000 MT	€10,000,000	SAP
TOTAL		70,000 MT	€67,000,000	

[Documents]

[Export]

[Back]

This page provides the reconciliation between the Monitoring Overview and the underlying declarations.

Declaration API

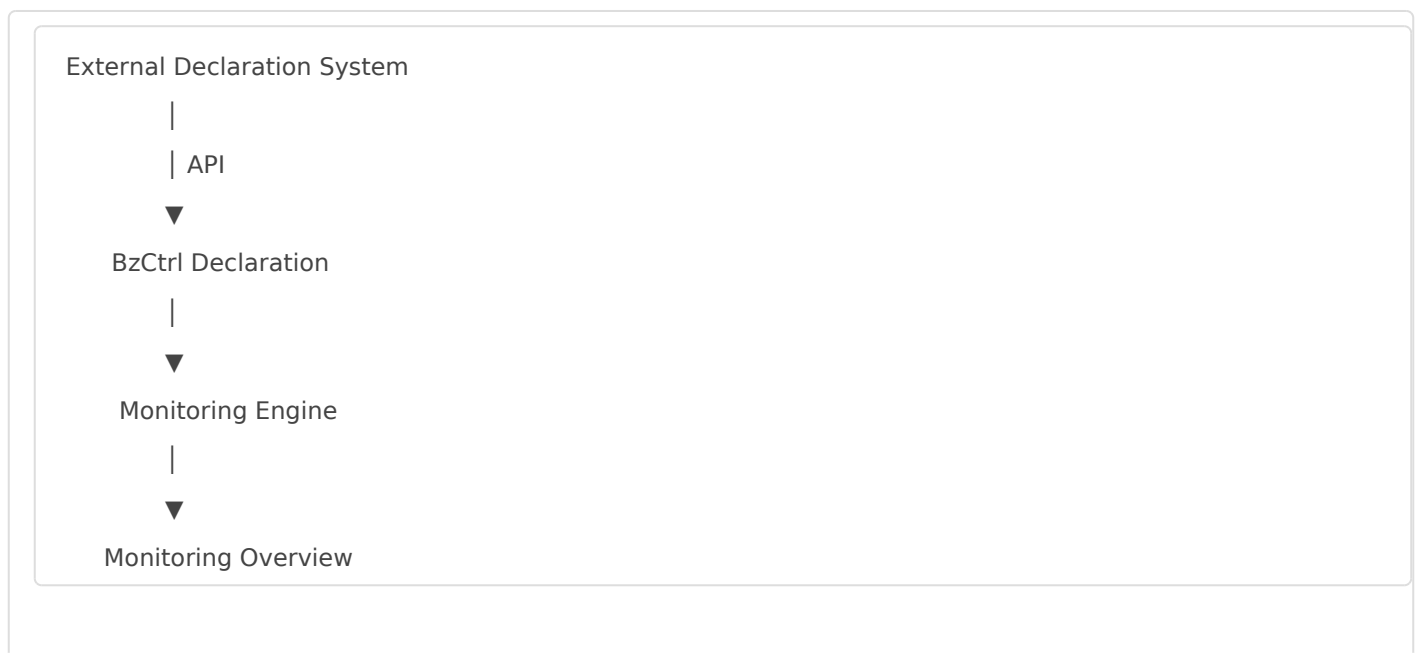
Because declaration processes are increasingly automated, BzCtrl should provide an API through which external declaration systems can submit declaration information.

The API should be system-neutral.

Potential source systems include:

- SAP;
- Oracle;
- customs management systems;
- customs brokers;
- terminal systems;
- other ERP/WMS systems.

The principle is:



The API should allow the source system to provide structured declaration data.

It should also support, where technically appropriate, the original declaration/message so that BzCtrl can retain the source evidence and/or extract the relevant monitoring data.

The source system should provide a unique reference so that duplicate messages can be detected.

Minimum data

Field	Description
Source system	Originating system
Source reference	Unique source-system reference
MRN	Customs declaration reference
Declaration date	Date/time
Legal entity	Relevant entity
EORI	Relevant EORI
Procedure	Customs procedure
Product	Commodity code
Quantity	Declared quantity
Quantity unit	MT, KG, L, etc.
Customs value	Customs value in EUR
Original declaration	Optional original declaration/message

License Details Page

