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## **OPTO v11 Optic Catalogue IMPLEMENTATION GUIDE FOR CONTROLS**

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## Contributors

Name	Organization
DROUIN Julien	iZySolutions
LEROY Jean-Christophe	Normeyes
RIVALLAIN Alexandre	Normeyes
DUBOIS Freddy	iZySolutions
DEUDON Jean-Baptiste	iZySolutions
DUCHENE Maxime	iZySolutions

## Log of Changes

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#18	<b>2019-06-27</b>	Jean-Baptiste DEUDON	Modified the Identifier and the control line number data
#19	<b>2024-07-24</b>	Maxime DUCHENE	Updated for R19 release Adding new "step" field

# TABLE OF CONTENTS

- 1. Preamble..... 5
- 2. References ..... 5
- 3. Objective ..... 6
- 4. OPTO v11 Optic Catalogue components for controls ..... 7
  - 4.1. Contained Optic Catalogue Item (Optic Catalogue) ..... 7
    - 4.1.1. Identifier..... 7
    - 4.1.2. Action code ..... 7
    - 4.1.3. Last Changed Date Time ..... 7
  - 4.2. Reference Optic Product..... 8
    - 4.2.1. Control Code ..... 8
  - 4.3. Restricted Optic Control ..... 8
    - 4.3.1. Identifier..... 8
    - 4.3.2. Control Line Number ..... 8
    - 4.3.3. Minimal Value Of Control ..... 8
    - 4.3.4. Maximal Value Of Control ..... 8
    - 4.3.5. Enumerated Value Of Control ..... 9
    - 4.3.6. Mandatory..... 9
- 5. How to add a control to a catalogue..... 9

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## 1. Preamble

This document is part of the OPTO v11 Optic Catalogue documentation set. It is not the purpose of this sole document to provide the reader with a complete understanding of the implementation of the OPTO v11 Optic Catalogue.

## 2. References

- OPTO v11 Optic Catalogue – Read me
- OPTO v11 Optic Catalogue – Understanding the ebXML Strategy
- OPTO v11 Optic Catalogue – Business Requirements Specification
- OPTO v11 Optic Catalogue – Requirements Specification Mapping
- OPTO v11 Optic Catalogue – Data dictionary

The following XML schema and XML documents are also used for reference:

- CatalogueManifest\_1p1p2.xsd
- OpticReusableAggregateBusinessInformationEntity\_0p1p1.xsd
- OpticClassifications\_v1.0r17.xsd
- OpticQualifiedDataType\_1p1p0.xsd
- Optic\_CharacteristicTypeCode\_1p0.xsd
- Optic\_ActionCode\_1p1.xsd
- Optic\_StatusCode\_1p1.xsd
- Optic\_DocumentTypeCode\_1p0.xsd

Additional implementation guides are available for specific product implementation:

- Implementation guide – classification
- OPTO v11 Optic Catalogue – Implementation guide – common parts
- OPTO v11 Optic Catalogue – Implementation guide for frame and shape
- OPTO v11 Optic Catalogue – Implementation guide for contact lens and care product
- OPTO v11 Optic Catalogue – Implementation guide for accessories
- OPTO v11 Optic Catalogue – Implementation guide for pack
- OPTO v11 Optic Catalogue – Implementation guide for lenses

### 3. Objective

This document aims to assist various stakeholders in the distribution chain of the catalogue to implement the OPTO v11 ebXML Optic Catalogue process.

The guide includes several sections:

- Chapter 4 details the content of all elements included the Catalogue Item element for a lens. For each XML element and sub-element, possible values and attributes are defined. For each item, mapping to the data dictionary data number is provided. Note that implementation rules are also detailed and illustrated by samples. To facilitate the comprehension of the reader, elements are described in the exact same order used in the Business Requirement Specification.

This implementation guide is subject to evolutions. It shall be considered as the repository of any information useful to a successfully implement the OPTO v11 ebXML Optic Catalogue process.

## 4. OPTO v11 Optic Catalogue components for controls

### 4.1. Contained Optic Catalogue Item (Optic Catalogue)

Mandatory Element (1..n)

#### 4.1.1. Identifier

Data Number = NOT IN DICTIONNARY

Mandatory Element

Description: The unique identifier for this optic catalogue item.

Data Type: ID (item sequence number in auto increment)

This identifier must be unique across all product types within the catalogue.

Example:

`<ID>000012345</ID>`

#### 4.1.2. Action code

Data Number = #656

Mandatory Data

Description: The code specifying the action for this optic catalogue item.

Data Type: Action Code

List of values:

- 1 : new, modified
- 2 : deleted

Example

`<ActionCode>1</ActionCode>`

**Note for point of sale:** When you delete a catalogue item you have to delete the item with corresponding Product identification (ProductID, IssuingPartyID and ExtendedProductID)

#### 4.1.3. Last Changed Date Time

Data Number = 600

Mandatory Data

Description: The date and time of the last change performed on the optic catalogue item.

Data Type: Date Time

Example:

`<LastChangedDateTime>2009-12-17T00:00:00Z</LastChangedDateTime>`

## 4.2. Reference Optic Product

### 4.2.1. Control Code

**Data Number = #601**

**Mandatory Data**

Description: The identification of the related catalogue item.

Data Type: ID

SchemeID: MF

Example:

`<ID schemeID="MF">01564798</ID>`

## 4.3. Restricted Optic Control

### 4.3.1. Identifier

**Data Number = #603**

**Mandatory Data**

Description: The identification of the related catalogue item.

Data Type: ID

Example:

`<DataID>01</DataID>`

### 4.3.2. Control Line Number

**Data Number = #602**

**Mandatory Element**

Description: Key of the control code. All conditions described by the lines of a control must be fulfilled for the control to be valid.

Data Type: ID

Example:

`<LineID>2</LineID>`

### 4.3.3. Minimal Value Of Control

**Data Number = #604**

**Optional Element**

Data Type: decimal

Description: Describe the minimal value.

Example (for a prism):

`<MinimalMeasure>2</MinimalMeasure>`

### 4.3.4. Maximal Value Of Control

**Data Number = #605**

**Optional** decimal



Data Type: string

Description: Describe the maximal value.

Example (for a prism):

`<MaximalMeasure>10</MaximalMeasure>`

#### 4.3.5. Enumerated Value Of Control

**Data Number = #606**

**Optional Element**

Data Type: string

Description: Describe the list of value can be used for a control.

Example:

`<EnumeratedCode>Value of control</EnumeratedCode>`

#### 4.3.6. Step

**Data Number = #1086**

**Optional Element**

Data Type: float

Description: This data is used to force an increment value between the minimum and maximum values. If the minimum and/or maximum control values are not defined, the default values are used.

Example:

`< StepMeasure >0.5</ StepMeasure>`

#### 4.3.7. Mandatory

**Data Number = #1037**

**Optional Element**

Data Type: boolean

Description: This data indicates if a control value is mandatory or optional for a product.

List of values:

0: Optional

1: Mandatory

Example:

`<MandatoryIndicator>1</MandatoryIndicator>`

## 5. How to add a control to a catalogue

Elements in green shall be used to add a control to a catalogue.

The controls must be in a specific optic catalog. The control is binding with the control code and no with the control line number.

To characterize the control product, it is necessary to identify the right Class in the OpticClassifications.xml file.