

# Digitec Galaxus Partner Data Interface

## User Guide

v. 3.0.5\_en (as of 2020-09-08)

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# 1 Introduction

Inspiring and efficient customer shopping is based on accurate and comprehensive product data. These allow the customer to search, navigate and filter in order to quickly find the products which are of interest. On product level, high-resolution photos and videos, detailed product descriptions, variations and detailed specifications support customers in obtaining detailed information and comprehensive product comparisons. Hence, sales opportunities, customer satisfaction and thus customer loyalty increases significantly.

High-quality product data also enable us to make your products available to the customer in a short time, automatically and in full. This makes it possible to exploit the full potential of your own product range after a very short time. For these reasons Digitec Galaxus requires correct and comprehensive product data from its partners based on comparable quality and depth of their own webshop.

## 1.1 Data Integration

Digitec Galaxus basically distinguishes between two different integration processes. The simple data integration (manual product creation) enables the supplier to bind the article data to our system flexibly and pragmatically. The specifications of the data structures and the scope of information are considerably lower compared to automation. The automated integration (technical product creation) serves the mass creation and enrichment of products for the online shop. Integrations of this kind are carried out on a project basis in cooperation with Digitec Galaxus' Category Development and Integration Management.

### 1.1.1 Simple data integration

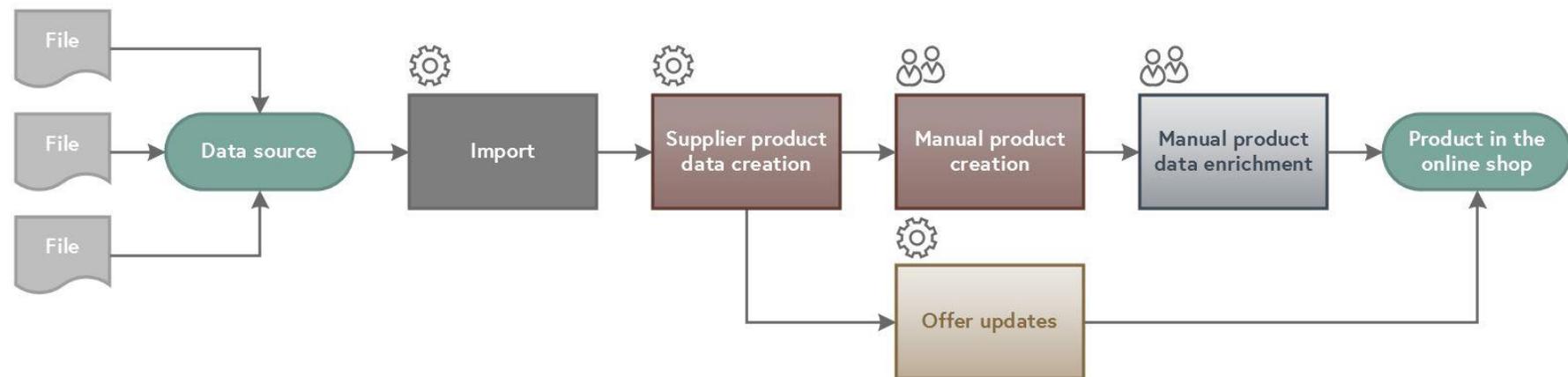


Figure 1: Functional principle of simple data integration

Simple data integration is common for small to medium-sized assortments (not applicable to the merchant program). The files are retrieved at regular intervals and stored in the system. The supplier data is processed manually in consultation with our Category Management. The products for the online shop are created from the available data and enriched with all available information.

## 1.1.2 Automated data integration

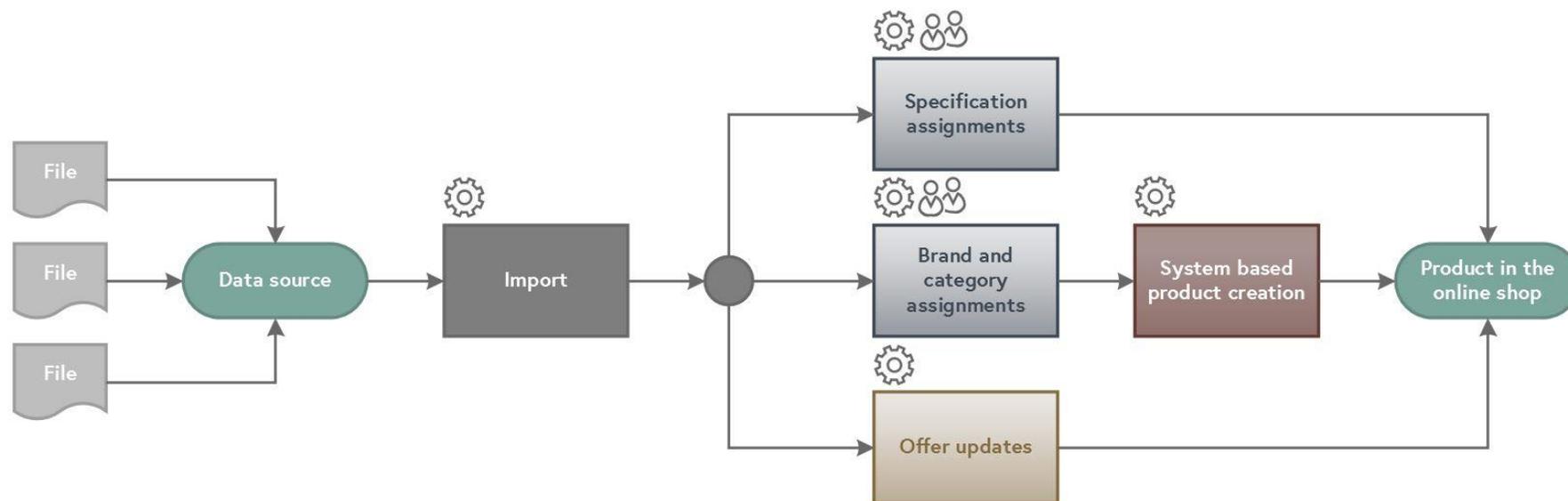


Figure 2: Functional principle of automated data integration

By replacing many manual processes with technical functions, we are able to process large amounts of product data quickly. The basic principle is simple: the incoming data supplied by the partner is imported and prepared for the integration processes. Subsequently, all brands, categories and specifications of the partners are partially automated and assigned to our data. After the allocation, the system automatically creates the finalized products for our online shop and regularly updates the price and availability data.

## 1.2 Data transmission

### 1.2.1 FTP connection

- Data must be transferred to a password-protected FTP directory (SFTP)
- FileZilla offers a free server and client software for file transfer via SFTP: <https://filezilla-project.org/>
- An FTP directory is provided by Digitec Galaxus.
- New files must be replaced with the old files each time they are transferred and must have the exact same file names as the previous ones.

### 1.2.2 Web service connection

A web service connection enables electronic data delivery using a HTTPS link. If an encrypted HTTPS link is provided, please make sure that the token (user name and password) is either specified in the URL or the information is available for Digitec Galaxus. "On-the-fly" processing of the files is not allowed. (File must be loadable from the cache and should not have to be recalculated on demand)

## 1.3 General specifications for data delivery

The data can be delivered in different forms. The following points should be considered:

- A distinction is made between automated and simple data integration. The type of connection must therefore be determined in advance.
- The first column in all files (regardless the splitting of the file) is the article number of the partner (ProviderKey). This is used for the unique identification of a partner article and must therefore be unique.
- The article number must never be changed for the same article.
- If new articles are added, the information in all files must be updated.
- If a line does not contain any information (ProviderKey only), it does not need to be delivered. (With the exception of the assortment defining file, see 3.1)

### 1.3.1 Assortment defining file

One of the files corresponds to the **assortment defining file**, which controls the active assortment. Only those articles are activated which are listed in the "assortment file". Items which can no longer be delivered must be removed from the corresponding file (ideally from all files) in the next transmission.

The assortment file must be specified in the file name. **Example:** StockData\_GalaxusAG\_assortment.csv

## 1.4 Data preparation for simple data integrations

The following paragraph describes the summary of data preparation for partners who are not considering an automated solution. Partners with automated integrations can skip this chapter and go directly to chapter 1.5.

### 1.4.1 Data splitting and formats

The file partitioning is not fixed for simple data integration. However, it is recommended to deliver the stock data in a separate file. In this way, the update frequency can be optimally adjusted to the different data types. For partners with dynamic prices, it is also recommended to deliver a separate price file.

We recommend to deliver the files in \*.xlsx format, because Excel files are easy to handle and there are no formatting requirements. However, file formats like \*.csv and \*.txt are also possible.

### 1.4.2 Data structure

For a successful data flow it is essential to provide structurally stable files. Therefore the following points must be observed:

- The headers should be named according to the descriptions of the files listed below.
- Header lines must not contain line breaks.
- The data feed must be located in the first sheet tab.
- Each delivered file contains the ProviderKey (article number) in its first column.

### 1.4.3 Minimum criteria

The following tables list the minimum requirements (marked yellow). These must be supplied by the partner for any data integration. The fields marked blue are recommended in addition to the minimum criteria for better conditions of various data processes.

#### Product and Price data

**File name:** ProductPriceData\_partnername.csv (e.g.: ProductPriceData\_galaxus.csv)

Header line	Designation	Use
ProviderKey	Partner's Article number	Identification of the partner's article
Gtin	EAN/Gtin code and/or manufacturer number of the article	Identification of the product. Allocation to existing products.
ManufacturerKey		
BrandName	Brand / Publisher	
CategoryGroup_index	Category groups of the article	Internal search and filtering of partner offers. Categorization help for manual product creation.
ProductCategory	Product category of the article	
ProductTitle	Article name	Creation and pricing of partner offers.
PurchasePriceExclVat	Net purchase price incl./excl. product fees	
PurchasePriceExclVatAndFee		
SuggestedRetailPriceInclVat_currency	Recommended retail price incl. VAT	
Weight_unit	Packaging weight	Specification and quality assurance in manual product creation.
ProductDescription_language	Detailed description of the article	
ImageURL_index	Image links (HTTPS)	

#### Stock data

**File name:** StockData\_partnername.csv (e.g.: StockData\_galaxus.csv)

Header line	Designation	Use
ProviderKey	Partner's Article number	Identification of the partner's article
QuantityOnStock	Exact stock level	Availability of the offer
RestockTime	Restock period and/or restock date	Availability of the offer with stock = 0
RestockDate		
MinimumOrderQuantity	Minimum order quantity	Optimization of ordering processes
OrderQuantitySteps	Order quantity steps	
RetailUnitQuantityInPackingUnit	Overpack quantity	
RetailUnitQuantityOnPallet	Pallet quantity	

Legende:

Minimal criteria / mandatory fields
Recommended fields

Additional notes

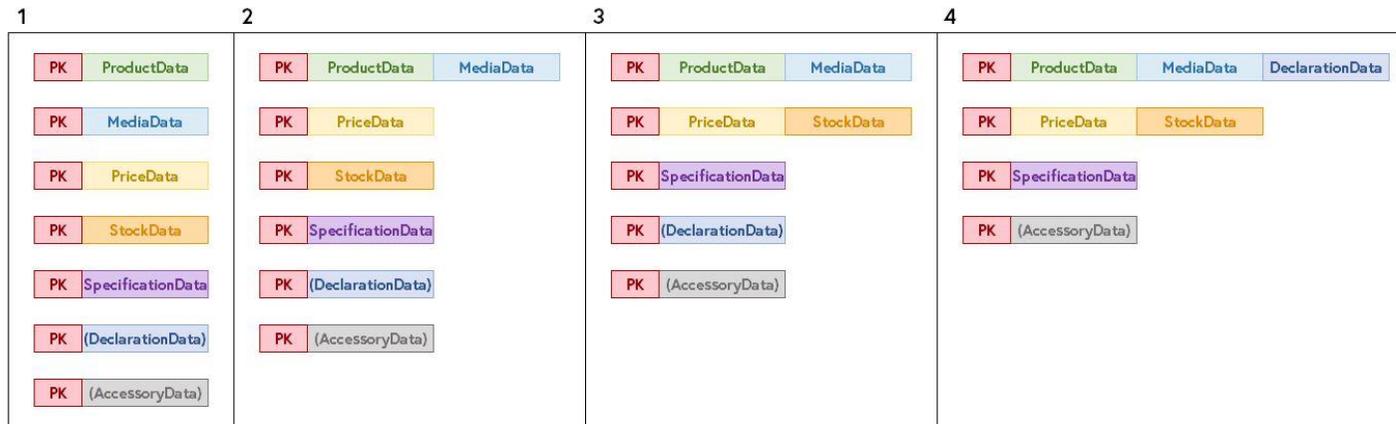
- Additional information about the listed columns can be found in the file descriptions below (chapter 2). For better orientation the fields are marked in the same colors (yellow and blue).
- Files in the form above can be found in the example files for simple data integration. (exampleFiles\_3.0.5\_man/Supplieren\_Minimalversion\_xlsx)
- Information not listed in the table can be added to the files by the partner. Digitec Galaxus strives to use as much of the partner's information as possible.

## 1.5 Data preparation for automated data integrations

Partners with data transfer using simple data integration can skip this chapter.

### 1.5.1 Allowed data splitting

The following four data splits are allowed for automated integrations.



1. Complete separation of the 7 data types. **Preferred solution** at Digitec Galaxus. (5-7 Files)
2. ProductData and MediaData are delivered in one file. **Second preferred** solution at Digitec Galaxus. (4-6 Files)
3. ProductData and MediaData, as well as PriceData and StockData are both delivered in one. (3-5 Files)
4. Same as option 3 with the difference that ProductData, MediaData and DeclarationData are delivered in the same file. (3-4 Files)

### 1.5.2 Allowed format for automated processes

- File format: **CSV**
- Character encoding: **UTF-8**
- Separator: **; (Semikolon)**
- Text:
  - Strings (data type: text) must be enclosed in quotation marks ("). **e.g.** – ProductTitle\_de: "Iron Man helmet"
  - If a quotation mark occurs within a string, it must be masked with a second quotation mark.
    - **Example** – LongDescription\_de: "TV size 46"" and stand with white inscription ""Kings of E-Commerce""
- Decimal numbers:
  - Decimal digits must be separated with a . (dot).
    - **Example** – VatRatePercentage: 7.7
  - Thousand separators are not allowed: 1'000 or 1,000
  - Scientific notations are not allowed: 5e-4, 5E-4, 5x10-4

- Date fields:
  - Option 1: YYYY-MM-DD: Single-digit days/months must be supplemented with a leading zero, **e.g.** 2020-07-01.
  - Option 2: DD.MM.YYYY: Single-digit days/months must be supplemented with a leading zero, **e.g.** 01.07.2020.
- Linebreaks within strings are allowed in Windows format. Texts may not contain control characters, advertising texts or provider-specific passages.
- The first line of each file must be the header line, which contains the names of the corresponding columns.
- Currency: The currency can be specified in CHF or EUR. It is important that the currency is identical in all files.

## 1.6 Explanation of the documentation

- The data is documented according to data distribution option 1 (chapter **Fehler! Verweisquelle konnte nicht gefunden werden.**).
- Columns marked as **mandatory** must be present and filled in the files. The information is given individually for partners with different integration programs. For the respective integration program they are marked in the header with "Supplier", "Merchant" and "EU-Hub".
- Columns marked as **optional** can be omitted after consultation with the respective Digitec Galaxus contact person if no data can be provided (padding with "0" or other strings is not allowed).
- Data types
  - Str: String
  - Int: Integer
  - Dec: Decimal
  - Bool: Boolean, true/false, 1/0
  - Date: Date
- After the data type, the permissible number range, number of characters or format is specified in parentheses.
  - (10): A maximum of 10 digits or characters are allowed.
  - (10,4): A maximum of 10 digits before and 4 digits are allowed after the decimal point.
  - (8-14): Between 8 and 14 digits are permitted.
- Indexing
  - \*\_index: Describes a consecutive number of columns with the same content. **E.g.:** imageUrl\_1, imageUrl\_2
- Sprachen
  - \*\_language: Describes the language labelling in language-dependent columns with the same content. **E.g.:** ProductTitle\_de, ProductTitle\_en
  - Norm ISO 639-1
- Units
  - \*\_unit: Describes how to identify the units of dimension-specific columns. The permissible units are given in the corresponding columns. **E.g.:** Weight\_g, Length\_cm
- Countries
  - \*\_country: Describes the country identification of country-specific columns. **E.g.:** ReleaseDate\_CH
  - Norm ISO 3166 ALPHA-2
- Types
  - \*\_type: Fields marked with "type" must be type specific. The permissible types in corresponding columns are specified in the description.

## 2 File description

### 2.1 Product data

- Data delivery: Mandatory
- File name: ProductData\_providername.csv (E.g.: ProductData\_digitecgalaxus.csv)
- Transmission frequency: min. every 24 hours (optimal: every 12 hours)

Header line	Supplier	Merchant	EU-Hub	Data type	Designation	Description
ProviderKey	Required			Str(100)	Parnter's Article number	The article numbers must be unique. Duplicates are not permitted.
Gtin	One of the two fields Required. Preferably Gtin			Int(8-14)	EAN/Gtin code of the article	Gtin codes must be unique. Duplicates and internal Gtin codes are not allowed. Further information can be found at <a href="http://www.gtin.info/">http://www.gtin.info/</a> or <a href="https://www.gs1.ch/">https://www.gs1.ch/</a> .
ManufacturerKey				Str(4-50)	Manufacturer's article number	Manufacturer numbers must be unique within the same brand. <b>Note:</b> Articles of the same brand with duplicate manufacturer numbers are categorically excluded. Vendor numbers must contain at least four characters.
BrandName	Required			Str(100)	Brand / Publisher	Products can only be created/processed with an associated brand.
WarrantyPeriod	Optional			Int(3)	Warranty period	Service case type: Warranty. Information from the manufacturer. (in months)
DeadOnArrivalPeriod	Optional			Int(3)	DOA period	Service case type: DOA (Dead on Arrival). Data of the manufacturer. (in days) <b>Note:</b> A DOA case is defined as any immediately identifiable defect in the product that already existed when it was delivered to the end customer or that occurs within the specified DOA period.
ReturnType	Optional			Int(1)	Return type	1: BringIn, 2: OnSite, 3: PickUpAndReturn / Data from manufacturers
CategoryGroup_index	Optional (recommended)			Str(200)	Article category groups	The category groups, beginning with the highest level CategoryGroup_1, together form a category family tree, which assigns the article hierarchically. <b>Note:</b> "index" - consecutive numbering of the CategyGroups, <b>E.g.:</b> CategoryGroup_1, CategoryGroup_2, ...
ProductCategory	Required			Str(200)	Article product category	The product category is the lowest (most detailed) level of the category family tree. <b>Note:</b> Digitec Galaxus can provide its category structure upon request.
Weight_unit	Required		Required*	Dec(8,4)	packaging weight	Packaging weight: product weight plus original packaging *Items without weight are categorically excluded for EU-Hub Merchants. <b>Note:</b> "unit" – possible units: mg (milligram), g (gram), kg (kilogram)
Length_unit	Optional			Dec(8,4)	packaging length	<b>Note:</b> "unit" - possible units: mm (millimeter), cm (centimeter), m (meter)

Header line	Supplier	Merchant	EU-Hub	Data type	Designation	Description
Width_unit		Optional		Dec(8,4)	packaging width	<b>Note:</b> "unit" - possible units: mm (millimeter), cm (centimeter), m (meter)
Height_unit		Optional		Dec(8,4)	packaging height	<b>Note:</b> "unit" - possible units: mm (millimeter), cm (centimeter), m (meter)
MinimumAge_country		Required for articles with age restriction		Int(2)	Legal age restriction	Legal age restriction (in years) <b>Note:</b> country in Norm ISO 3166 ALPHA-2, <b>E.g.:</b> MinimumAge_CH
TARESCode	Optional		Required	Str(9)	Swiss customs tariff number (TARES)	<a href="#">TARES database</a> , <b>E.g.:</b> "12345678" od. "1234.5678" <b>Note:</b> Validation of the content allows only the optional character "." (dot). Other special characters are not allowed. Regex for validation: <code>/^[0-9]{4}\.?[0-9]{4}\$/</code>
TARICCode	Optional		Required	Int(6-11) od. Str(14)	Goods code (TARIC) for the EU area	<a href="#">TARIC database</a> , Usually consists of 11 characters (without spaces) or 14 characters (with spaces), <b>E.g.:</b> "49019900009" or "4901 9900 00 9" <b>Note:</b> Content validation only allows optional spaces. Other special characters are not allowed. Taric codes with less than 11 characters are padded with zeros at the end (right). <b>Further information in the appendix 3.1.1</b>
CountryOfOrigin	Optional		Required	Str(2)	Country of origin	Origin (country of production ) of the delivered Item. <b>Note:</b> CountryOfOrigin in Norm ISO 3166 ALPHA-2, <b>E.g.:</b> CH, DE
ReleaseDate_country		Optional		Date	Release date	Dates for new publications. The date is displayed in the shop. <b>Note:</b> "country" in Norm ISO 3166 ALPHA-2, <b>E.g.:</b> ReleaseDate_CH
ProductSuperType		Optional		Str(100)	Family name/variant name	Unique identification for related items. Digitec Galaxus uses this information to create product variants.
ProductTitle_language	One of the languages German, English, French or Italian is required.			Str(100)	article name	Under no circumstances may the article name contain categories, brands or specifications (colors, volumes, sizes etc.); only the adjusted article name is permitted. <b>Further information in the appendix 3.1.2</b> <b>Note:</b> "language" in Norm ISO 639-1, <b>E.g.:</b> ProductTitle_de, ProductTitle_fr
LongDescription_language	One of the languages German, English, French or Italian is required.			Str(2000)	Detailed description of the article	The product description is kept general and does not contain any advertising texts or partner-specific information. Web links and bullet points are not permitted. <b>Further information in the appendix 3.1.3</b> <b>Note:</b> "language" in Norm ISO 639-1, <b>E.g.:</b> LongDescription_de

## 2.2 Media

- Data delivery: Mandatory
- File name: MediaData\_providername.csv (E.g.: MediaData\_digitecgalaxus.csv)
- Transmission frequency: min. every 48 hours (optimal: every 24 hours)

Header line	Supplier	Merchant	EU-Hub	Data type	Designation	Description
ProviderKey		Required		Str(100)	Article number of the partner	The article numbers must be unique. Duplicates are not permitted.
MainImageURL		Required		Str(300)	Image links (HTTPS)	<p>One link per column. The link must be freely accessible. JPG, JPEG and PNG are supported.</p> <p>The longest edge of the images must be at least 600px (without border around the product). The size of 8 MB per image must not be exceeded. The first image (MainImage) should preferably be an exempted frontal view of the product.</p> <p><b>Further information in the appendix 3.1.4</b></p> <p><b>Note:</b> "index" – Consecutive numbering of the images.</p> <p><b>E.g.:</b> MainImageURL, ImageURL_1, ImageURL_2, ImageURL_3, ..., ImageURL_n</p>
ImageURL_index		Optional (recommended)				
ProductShopURL	Optional	Required		Str(300)	product link (HTTPS)	Direct link to the offer in the partner's online shop
ProductLink_type_language_index		Optional		Str(300)	product links (HTTPS)	<p>One link per column. Product links can refer to manufacturer pages, product reviews etc.</p> <p>Links to resale platforms and other online shops are prohibited.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• "type" - image types in descending priority. Possible types: <ol style="list-style-type: none"> <li>1. ManufacturerSite (ms): Manufacturer product site</li> <li>2. Specifications (sp): Specifications</li> <li>3. TestReport (tr): Test report</li> <li>4. SizeChart (sc): Size table</li> <li>5. Review (rev): Review</li> <li>6. Tip (tip): additional hints</li> <li>7. NotCategorized (nc): no category</li> </ol> </li> <li>• "language" – in Norm ISO 639-1</li> <li>• "index" – Consecutive numbering per language of the links.</li> </ul> <p><b>E.g.:</b> ProductLink_ms_de_1, ProductLink_ms_de_2, ProductLink_ms_en_1, ...</p>

Header line	Supplier	Merchant	EU-Hub	Data type	Designation	Description
DocumentURL_type_language_index		Optional		Str(300)	Document links (HTTPS)	<p>One link per column. Document links can include instructions for use, size tables, safety data sheets, etc.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• "type" – document types in descending priority. Possible types: <ol style="list-style-type: none"> <li>1. TechnicalDataSheet (tds): Technical data sheet</li> <li>2. SizeChart (sc): Size chart</li> <li>3. Manual (man): Manual</li> <li>4. Brochure (bro): Brochure</li> <li>5. AssemblyInstructions (ai): Assembly instructions</li> <li>6. NotCategorized (nc): no category</li> </ol> </li> <li>• "language" – in Norm ISO 639-1</li> <li>• "index" – Consecutive numbering of documents.</li> </ul> <p><b>E.g.:</b> DocumentURL_tds_de_1, DocumentURL_tds_de_2, DocumentURL_tds_fr_1, DocumentURL_man_de_1, DocumentURL_man_de_2, DocumentURL_sds_de_1, DocumentURL_sds_en_1, DocumentURL_nc_de_1</p>
VideoURL_language_index		Optional		Str(300)	Video links (HTTPS)	<p>One link per column. Currently only YouTube and Vimeo video links are supported. <b>Further information in the appendix 3.1.5</b></p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• "index" – Consecutive numbering per language of the videos</li> <li>• "language" in Norm ISO 639-1</li> </ul> <p><b>E.g.:</b> VideoURL_de_1, VideoURL_de_2, VideoURL_fr_1, ...</p>
CustomsDocumentType_country		Optional		Str(300)	Customs document type	<p><b>Note:</b> "country" - in Norm ISO 3166 ALPHA-2, <b>E.g.:</b> CustomsDocumentType_DE</p> <p><b>Example of a customs document type:</b> "3LLC.N.O.R.N.N.R.O.A18"</p>
CustomsDocumentURL_country		Optional		Str(300)	Customs document link (HTTPS)	<p>Ein Link pro Spalte.</p> <p><b>Note:</b> "country" - in Norm ISO 3166 ALPHA-2, <b>E.g.:</b> CustomsDocumentURL_DE</p>

## 2.3 Price data

- Data delivery: Mandatory
- File name: PriceData\_providername.csv (E.g.: PriceData\_digitecgalaxus.csv)
- Transmission frequency: min. every 24 hours (optimal: every 4 hours)
- **Wichtiger Note:** Digitec Galaxus accepts prices up to four decimal digits. To reduce rounding differences, the prices in the files should not be rounded.

Header line	Supplier	Merchant	EU-Hub	Data type	Designation	Description
ProviderKey	Required			Str(100)	Article number of the partner	The article numbers must be unique. Duplicates are not permitted.
VatRatePercentage	Optional	Required	Required*	Dec(2,2)	Vat rate percentage	Number without % character. <b>E.g.:</b> Switzerland: 7.7, 2.5, 0.0 <b>*EU-Hub Merchants without fiscal representation:</b> transmits the VAT rate from EU country. E.g.: Germany (standard rate: 19.0 / reduced: 7.0); <b>with fiscal representation:</b> transmits the CH VAT rate.
SuggestedRetailPriceInclVat_currency	Required	Optional		Dec(8,4)	Recommended retail price incl. VAT	Recommended retail price including VAT.
PurchasePriceExclVat	One of the two fields required*	N/A		Dec(8,4)	Purchase price excl. VAT and incl. product fees	<b>*Suppliers:</b> <ul style="list-style-type: none"> <li>• <b>Suppliers with company headquarters within Switzerland:</b> Purchase price incl. product fees</li> <li>• <b>Suppliers with headquarters outside of Switzerland:</b> Purchase price excl. of all invoice conditions</li> </ul>
PurchasePriceExclVatAndFee					Purchase price excl. VAT and excl. product fees	
FeeExclVat_type	Optional	N/A		Dec(8,4)	Product fee excl. VAT	Amount of product fee for retail packaging <b>Note:</b> "type" - Fee typing. Possible types: 1. vRG, 2. SUISA, 3. INOBAT
SalesPriceExclVat	N/A	Required	Required*	Dec(8,4)	Sales price excl. VAT	Sales price of retail packaging excl. value added VAT. <b>*EU-Hub Merchants without fiscal representation:</b> transmits the EUR price; <b>with fiscal representation:</b> transmits the CHF price.
SalesPriceInclVat	N/A	Required	Required*	Dec(8,4)	Sales price incl. VAT	Sales price of retail packaging including value added VAT. <b>*EU-Hub Merchants without fiscal representation:</b> transmits the EUR price; <b>with fiscal representation:</b> transmits the CHF price.
Currency	Optional	Required	Required*	Str(3)	Currency	Currency of SuggestedRetailPriceInclVat, PurchasePriceExclVat, SalesPriceExclVat and SalesPriceInclVat (ISO 4217 currency code) <b>*EU-Hub Merchant without fiscal representation:</b> Currency = "EUR"; <b>with fiscal representation:</b> Currency = "CHF"

## 2.4 Stock data

- Data delivery: Mandatory
- File name: StockData\_providername.csv (E.g.: StockData\_digitecgalaxus.csv)
- Transmission frequency: min. every 12 hours (optimal: every 2 hours)

Header line	Supplier	Merchant	EU-Hub	Data type	Designation	Description
ProviderKey	Required			Str(100)	Article number of the partner	The article numbers must be unique. Duplicates are not permitted.
QuantityOnStock	Required			Int(10)	Exact stock level	We recommend to transmit the exact stock level. This value influences the prioritization of the merchant/supplier when selecting sales offers. <b>Note:</b> Negative stocks are treated as residues.
RestockTime	Optional (one of the fields recommended)			Int(4)	Restock period	Replenishment or availability time in calendar days until the item is back in stock at the partner's warehouse. (RestockDate - today)
RestockDate				Date	Restock date	Date from which the item is back in stock. <b>Note:</b> We recommend that you always specify the replenishment period or date of replenishment (regardless of stock levels). This information affects availability and is used together with the expected replenishment quantity for automated ordering processes.
ExpectedRestockQuantity	Optional (recommended)	Optional		Int(4)	Expected restock quantity	The expected available stock at the time the item is back in stock at the partner. <b>Note:</b> This information is only relevant if a replacement date is available.
MinimumOrderQuantity_dd	Required*	Required		Int(4)	Minimum order quantity for customer delivery	The minimum orderable quantity of retail packaging for orders from end customers. *Required für partners with customer delivery
MinimumOrderQuantity_wd	Required*	N/A		Int(4)	Minimum order quantity for warehouse delivery	The minimum orderable quantity of retail packaging for orders to stock. If not specified: MOQ_dd = MOQ_wd *Required für partners with warehouse delivery
OrderQuantitySteps	Optional (recommended)			Int(4)	Order quantity steps	Order quantity steps for retail packaging unit
OrderLimit	Optional			Int(4)	Maximum order quantity	Maximum quantity per order.
RetailUnitQuantity	Optional			Int(10)	Articles per sales unit	Number of articles per retail packaging unit
RetailUnitQuantityInPackingUnit	Optional (recommended)	N/A		Int(10)	Overpack quantity	Number of retail packs per next larger packaging unit

Header line	Supplier	Merchant	EU-Hub	Data type	Designation	Description
RetailUnitQuantityOnPallet	Optional (recommended)	N/A		Int(10)	Pallet quantity	Number of retail packaging units per pallet.
PackagingQuantity	Optional			Int(4)	Packaging Quantity	Number of packages per retail packaging unit. <b>E.g.:</b> 1 Table top (1 package) + 4 table legs (1 package): PackagingQuantity = 2
WarehouseCountry	Optional (recommended)			Str(2)	Country of the warehouse	Relevant for several warehouses with different delivery times. ISO 3166-2 country code
DirectDeliverySupported	Optional	N/A		Bool	Supports direct delivery	For partners with customer delivery, articles can be approved or excluded from direct delivery <b>Note:</b> Valid values: true, false / 1, 0
ShipmentType	Required			Int(1)	Shipping method of the article	1: letter, 2: parcel, 3: bulky goods, 4: general cargo <b>Note:</b> Further information in the appendix 3.1.6

## 2.5 Specifications

- Data delivery: Mandatory
- File name: SpecificationData\_providername.csv (E.g.: SpecificationData\_digitecgalaxus.csv)
- Transmission frequency: min. every 48 hours (optimal: every 24 hours)
- **Important notes:**
  - The specification file must be delivered with all columns listed here and their headers. Optional columns that cannot be filled in are left blank.
  - The specifications are delivered in rows, not columns.
  - The file must be ordered by ProviderKey.
  - The fields must not contain HTML tags.
  - Examples and specifications on structure and quality can be found in the appendix **Fehler! Verweisquelle konnte nicht gefunden werden.**

Header line	Required	Data type	Designation	Description
ProviderKey	Yes	Str(100)	Partner's article number	Lines with the same provider keys must be listed one after the other. This means the document must be sorted by provider key.
SpecificationKey	No	Str(200)	Specification key	Coded designation of the specification
SpecificationGroup_DE	No	Str(200)	Specification group	Categorisation of specification
SpecificationGroup_FR				
SpecificationGroup_EN				
SpecificationGroup_IT				
SpecificationKey_DE	Yes*	Str(200)	Specification name *The language German is mandatory.	Name of specification For each article number listed in this file at least one "SpecificationKey" and one "SpecificationValue" must exist in one language.
SpecificationKey_FR				
SpecificationKey_EN				
SpecificationKey_IT				
SpecificationValue_DE	Yes*	Str(200)	Specification value *One of the languages German, English, French or Italian is mandatory.	Value of specification For each article number listed in this file at least one "SpecificationKey" and one "SpecificationValue" must exist in one language.
SpecificationValue_FR				
SpecificationValue_EN				
SpecificationValue_IT				

## 2.6 Declarations

- Data delivery: Required for declarable articles
- File name: DeclarationData\_providername.csv (E.g.: DeclarationData\_digitecgalaxus.csv)
- Transmission frequency: min. every 48 hours (optimal: every 24 hours)

Header line	Data type	Designation	Description
ProviderKey	Str(100)	Partner's article number	The article numbers must be unique. Duplicates are not permitted.
EnergyEfficiencyClass	Str(4)	Energy efficiency class	Values A+++ to G
EnergyLabel	Str(300)	Energy label Image link (HTTPS)	One link per column and indication of energy efficiency class. The link must be freely accessible. JPG, JPEG and PNG are supported.
PowerConnectorAppliance	Int(1)	Power supply to the device	Specification of the socket for articles with power operation 1: Kein Strom, 2: Eingebaut, 3: USB, 4: EC-60320 C1, 5: EC-60320 C5, 6: EC-60320 C7, 7: EC-60320 C13, 8: EC-60320 C15, 9: EC-60320 C15A, 10: EC-60320 C17, 99: Weitere <b>Note:</b> Further information in the appendix <b>Fehler! Verweisquelle konnte nicht gefunden werden.</b>
PowerConnectorWall	Int(1)	Power supply to the wall	Specification of the plug for articles with power operation 1: Stecker-Typ C (CEE 7/16), 2: Stecker-Typ C (CEE 7/17), 3: Stecker-Typ F (CEE 7/4), 4: Stecker-Typ J (SEC 1011), 99: Weitere <b>Note:</b> Further information in the appendix <b>Fehler! Verweisquelle konnte nicht gefunden werden.</b>
HazardStatements	Str(300)	H-phrases	Information on hazards of chemical substances <b>E.g.:</b> H201, H301+H331, EUH204
PrecautionaryStatements	Str(300)	P-phrases	Information on safety instructions for handling chemical substances. <b>E.g.:</b> P101, P272, P362+P364
SafetyDataSheet	Str(300)	Safety data sheet Document link (HTTPS)	Safety data sheet
SolidWoodType	Str(300)	Solid wood type	Scientific name of solid wood according to the <a href="#">wood database</a>
SolidWoodOrigin	Str(2)	Solid wood origin	<b>Note:</b> SolidWoodOrigin in Norm ISO 3166 ALPHA-2, E.g.: CH, DE
NutritionalValue_language	Str(2000)	Nutrition labelling	Nutritional values in continuous text form
ProductRemark	Int(1)	Product remarks	1: small parts, 2: assorted colours, 3: biocidal products, 4: plant protection products, 5: electrical safety, 6: delivery of tyres <b>Note:</b> Product information is displayed in the shop on the product page. The descriptions of the product instructions can be found in the appendix 0.

## 2.7 Accessory

- Data delivery: Optional, configurable for partners only
- File name: AccessoryData\_providername.csv (E.g.: AccessoryData\_digitecgalaxus.csv)
- Transmission frequency: min. every 48 hours (optimal: every 24 hours)

Header line	Data type	Designation	Description
ProviderKey	Str(100)	Article number of main article	Article number of the main article
AccessoryProviderKey	Str(100)	Article number of accessory	Article number of the accessory article (matching the main article)

### 3 Appendix

#### 3.1 Additional information on some fields

##### 3.1.1 TARICCode

Validation

- The code must be without spaces and between six and eleven characters long.
- Numbers with less than eleven characters are padded with zeros at the end.

Structure

→ Example using a bound children's book

DG valid	Code number	Formal structure
No	49	Chapter – harmonised system
No	4901	Heading – harmonised system
Yes	4901 99	Subheading – harmonised system
Yes	4901 9900t	Subheading – combined nomenclature
Yes	4901 9900 00	Subheading –TARIC/Community use
Yes	4901 9900 00 9	Code number – Electronic customs tariff/national use

##### 3.1.2 ProductTitle

- Use a clean, unique product name as title. The following information must not appear in the title:
  - Brand
  - Category / product type
  - Specifications
  - Request to buy / incentive to buy
  - Trademark, copyright or other symbols
  - Manufacturer number before or after the actual product title

- For product variants: Consistent product titles for related products are decisive for the creation of variants. If the product titles cannot be standardized, the variant grouping should be specified using the "ProductSuperType" field.
- Pay attention to correct spelling
- Manufacturer number is allowed as name – if manufacturer number = product title

##### 3.1.3 LongDescription

- Detailed description of the article with relevant information about the product. (e.g. size, material, age range, special features, technical specifications, shape, pattern, fabric type, design)
- The most important attributes and keywords at best in the first 160-500 characters
- Optimally unique content
- Pay attention to correct spelling
- No formatting in description possible (CSV only) - preferably no bullet points should be delivered
- The following information may not be used in the description:
  - Category names of other categories
  - The word "new" and synonyms ("no longer current in the course of time"); **Better:** " Successor model of xxx"
  - Superlative, promotional writing style
  - URL's, Web links
  - We/us-perspektive (**E.g.** " We have developed this product ...")
  - Purchase invitation / purchase incentive / obvious advertising texts (**E.g.** Introductory offer for pre-orders of pellet grills until 30 June 2020: You will receive 5 types of Broil King Pellets when you buy a Baron Pellet Grill 400.)
  - Trademark, Copyright or other special characters
  - Information about the warranty
  - Merchant names
  - Complete words in capital letters (e.g.. TO EMPHASIZE SOMETHING)
  - Prices

### 3.1.4 ImageURL

- MainImageURL: exempted product, white background, if possible frontal view
- Realistic display of application images
- We can only develop 3D images ourselves and cannot currently import them from outside
- The following may not be used in the images:
  - Purchase invitation / purchase incentive / advertising texts / campaign texts / Promotional overlays
  - Watermark
  - Placeholder
  - Logos
  - Awards
  - Generic images

### 3.1.5 VideoURL

- Format: Only possible via YouTube or Vimeo
- Only official videos from the manufacturer are used (copyright)
- We do not show violence for advertising purposes, neither against animals nor against humans

### 3.1.6 ShipmentType (Versandart)

The possible shipping methods can be found in the following table:

Nr.	Type	Maximum dimension	Weight
1	Letter	Format B4 (3533 x 250 mm)	501-1000g
2	Parcel	100 x 60 x 60 cm	Up to 30 kg
3	Bulky goods	Length: 250 cm Belt size: 400 cm (2 x height + 2 x width+ longest side)	Up to 30 kg
4	General cargo	-	From 30 kg

### 3.1.7 Specifications

#### Structural Requirements

Specifications with multiple values can be delivered in two ways:

**Option 1:** One SpecificationValue per line (preferred)

ProviderKey	...	SpecificationKey_DE	...	SpecificationValue_DE	...
10203040	...	Color	...	Black	...
10203040	...	Color	...	Yellow	...
10203040	...	Color	...	Blue	...
10203040	...	Material	...	Plastics	...
10203040	...	Material	...	Metal	...

**Option 2:** One SpecificationValue per SpecificationKey

For this version, the same separator must be specified for the complete file.

Not permitted are the separators: ";", ":", ","

ProviderKey	...	SpecificationKey_DE	...	SpecificationValue_DE	...
10203040	...	Color	...	Black Yellow Blue	...
10203040	...	Material	...	Plastics Metal	...

#### Quality requirements

- Deliver all existing specifications
- Category groups/product categories should also be provided in the specifications for better filtering.
- Supplied specifications should correspond to the data quality and depth of the partner stores.
- **Units:** Values with units can be delivered in two different ways:
  - Spezifikation name including the unit: "length (cm)" / spezifikation values without unit: "50", "35", "40", ...
  - Spezifikation name without unit: length / spezifikation values including the unit: "50cm", "0.35m", "400mm", ...

### 3.1.8 Power Supply

#### Power connector to the device

Nr.	Designation	Description	Illustration
1	No current	The article has no connection to the power grid.	-
2	Built-in	The article has a fixed power cable	-
3	USB	Socket for USB cable	-
4	EC-60320 C1	Socket for electric shavers. These are somewhat similar to the C7 connector, but have no waist.	
5	EC-60320 C5	Commonly referred to as a "clover-leaf" or "Mickey Mouse". Used for many switched-mode power supplies for notebooks.	
6	EC-60320 C7	Socket for small appliances. Commonly referred to as "figure 8" or "infinity" in the UK.	
7	EC-60320 C13	Very common on personal computers and peripherals. Mainly used for the power connection of devices which do not generate any significant heat during operation.	
8	EC-60320 C15	For use in high-temperature settings (for example electric kettle, computer networking closets).	
9	EC-60320 C15A	For use in very-high-temperature settings, such as some stage lighting instruments. Similar to C15/C16, but the top is narrowed to exclude the C15 cord connector.	
10	EC-60320 C17	Socket for cold appliance plug without earthing contact.	
99	Other	"Others" includes all connector types that are not included in the list.	-

#### Power connector to the wall

Nr.	Designation	Description	Illustration
1	Plug type C (CEE 7/16)	The <b>Europlug</b> has no protective conductor and is not reverse polarity protected. The contacts with a diameter of 4 mm are at a distance of 19 mm from each other.	
2	Plug type C (CEE 7/17)	This contour connector has two contacts with a diameter of 4.8 mm at a distance of 19 mm. Above and below the axis, there are two recesses to accommodate the French earthing pin or the German earthing terminals.	
3	Plug type F (CEE 7/4)	This plug, commonly referred to as <b>Schuko plug</b> , has two contacts with 4.8 mm diameter and 19 mm length. Two contact surfaces on the connector side ensure the earth contact with existing contact springs on the socket.	
4	Plug type J (SEV 1011)	The Swiss plug type J has three contact pins. The middle pin serves as a protective contact and is slightly offset. In addition, it forms the first contact, since the current-carrying contacts are lower in the socket.	
99	Other	"Others" includes all connector types that are not included in the list.	-

### 3.1.9 ProductRemark

Nr.	Type	Note in the online shop
1	Small items	Attention: Not suitable for children under 3 years due to small parts that can be swallowed.
2	Assorted colors	The color of this item cannot be selected.
3	Biocidal products	Use biocides carefully. Always read the label and product information before use.
4	Plant protection products	Use pesticides with care. Always read the label and product information before use.
5	Electrical safety	Due to its high power, this device requires a 16 amp fused socket (type 23). If no suitable box is available, the conversion must be carried out by an authorised installer-
6	Delivery of tires	The price is per tire. The rim shown is not included.

## 3.2 Norms

ISO 639-1: [https://en.wikipedia.org/wiki/List\\_of\\_ISO\\_639-1\\_codes](https://en.wikipedia.org/wiki/List_of_ISO_639-1_codes)

ISO 3166 ALPHA-2: <https://de.wikipedia.org/wiki/ISO-3166-1-Kodierliste>

ISO 4217: [https://de.wikipedia.org/wiki/ISO\\_4217](https://de.wikipedia.org/wiki/ISO_4217)

## 3.3 Contact

Digitec Galaxus will be happy to assist you with the implementation of data delivery. Please do not hesitate to contact us and get in touch with your contact person in the category management department.