

# TecDoc Data Packages

## Structure and Content of TecDoc Data Deliveries

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Version	1.0
Date	27.06.2019
Status	Published

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## Document History

Source-Version	Version	Date	Annotation
-	1.0	27.06.2019	Initial Version
New information to proceed weekly updated data packages			



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## 1 General Information

### 1.1 Purpose of this document

This document describes the structure (folders/files) and the content of the Catalogue Data Packages provided to TecDoc Data Users on an individual FTP folder.

### 1.2 General Folder structure of a TecDoc Data Package

#### **D\_TAF24**

One 7z file per brand with the name <brand\_no>.7z

The 7z-file contains the data, provided by the data supplier. It is delivered as text files in TAF 2.4 Format.

The files are named <table no>.dat

#### **Extras**

Contains various information that helps to process the data.

ChangeReports\_REF\_RD<DR>.7z

Reports of changes in indicated Reference Data version in relation to the previous Reference Data version.

FORMAT\_DESCRIPTION\_2.4.7z

Most up-to-date version of the TAF 2.4 format documentation

Remain\_to\_delete\_RD\_<DR>.7z

List with announcement of deletions and other major changes to come inside the Reference Data

SUPPLIER\_LIST\_>DR>.7z

List of Data Supplier including an information on there last data update

TA\_tecdoc-inside.7z

TecDoc-Inside Logo

UrlTemplates.7z

Valid URL templates for the Document Type "URL" as described in the TAF 2.4 documentation in table 231

#### **PIC\_FILES**

Contains the documents (images, PDF, etc.)

Data is stored in several files per brand with the name

<brand\_no>\_PIC.7z.<seqNo> for images

<brand\_no>\_DOC.7z.<seqNo> for other documents like PDF files



**R\_TAF24**

Contains the Reference Data tables of the Reference Data release that is used in the product information in folder D\_TAF24

Data is stored in one single 7z file named REFERENCE\_DATA\_<DR>.7z

The 7z-file contains the Reference Data, provided by TecAlliance. It is delivered as text files in TAF 2.4 Format.

The files are named <table no>.dat



## 2 Information to facilitate processing of weekly updated data packages

### 2.1 Delta Reports

Delta Reports are based on a comparison of certain data objects. The new delivery is compared to the one that was currently delivered. The basic results are sort in simple CSV files and distributed to all data package customers.

The Delta Report files shall be provided in a folder named DDELTA\_REPORT\_TAF24

### 2.2 Articles (Table 200)

The Delta Report is based on comparison of parts of the article table 200 to identify new and deleted articles.

**The comparison includes these fields of the article table 200:**

DLNr  
ArtNr

**The comparison provides a CSV file with these columns: (UTF8 encoded)**

(If no change is detected no csv file is created)

DLNr  
ArtNr  
ChangeInfo

**Comparison Algorithm:**

Step 1:

Identify all DLNr/ArtNr data pairs that are part of the New Version but not part of the Current Version  
ChangeInfo = N

Step 2:

Identify all DLNr/ArtNr data pairs that are part of the Current Version but not part of the New Version  
ChangeInfo = D

**Special case - first data delivery of a brand:**

File is provided and just includes the string "First time data delivery"

**File Name:**

<DR>\_<BrandNo>\_ARTICLE\_DELTA\_REPORT\_200.csv

in the following common 7z-file (for all other type 200-delta report files of each brand),

filename:

<DR>\_ARTICLE\_DELTA\_REPORT\_200.7z



### 2.3 Article Country Restrictions (Table 202)

The Delta Report is based on comparison of the article country restriction table 202 to identify new and deleted article country restrictions.

**The comparison includes these fields of the article table 202:**

DLNr  
ArtNr  
LKZ

**The comparison provides a CSV file with these columns:**

(If no change is detected no csv file is created)

DLNr  
ArtNr  
LKZ  
ChangeInfo

**Comparison Algorithm:**

Step 1:

Identify all DLNr/ArtNr/LKZ combinations that are part of the New Version but not part of the Current Version  
ChangeInfo = N

Step 2:

Identify all DLNr/ArtNr/LKZ combinations that are part of the Current Version but not part of the New Version  
ChangeInfo = D

The comparison in Step 1 and Step 2 takes care of the usage of country groups.

**Special case - first data delivery of a brand:**

File is provided and just includes the string "First time data delivery"

**File Name:**

<DR>\_<BrandNo>\_ARTICLE\_COUNTRIES\_DELTA\_REPORT\_202.csv

in the following common 7z-file (for all other type 202-delta report files of each brand),

filename:

<DR>\_ARTICLE\_COUNTRIES\_DELTA\_REPORT\_202.7z



## 2.4 Reference Numbers / OE references (table 203)

The Delta Report is based on comparison of the table 203 to identify new and deleted article references.

### The comparison includes these fields of the article table 203:

DLNr  
ArtNr  
HerNr  
RefNr  
LKZ

### The comparison provides a CSV file with these columns:

(If no change is detected no csv file is created)

DLNr  
ArtNr  
HerNr  
RefNr  
LKZ  
New/Deleted/Changed

### Comparison Algorithm:

General approach:

Following the idea of a Delta Key from the previous data deltas the report contains the entire information of each article that includes at least one changed item.

#### Step 1:

Identify all distinct DLNr/ArtNr/HerNr/RefNr data sets that are part of the New Version but not part of the Current Version

ChangeInfo = N

#### Step 2:

Identify all distinct DLNr/ArtNr/HerNr/RefNr data sets that are part of the Current Version but not part of the New Version

ChangeInfo = D

#### Step 3:

Identify all distinct DLNr/ArtNr/HerNr/RefNr data sets that are part of both Versions but with a different LKZ

ChangeInfo = C

#### Step 4:

All other - unchanged - data records of each DLNr/ArtNr combination are added to the report

ChangeInfo = U

The comparison in Step 3 need to take care of the usage of country groups.





**Special case - first data delivery of a brand:**

File is provided and just includes the string "First time data delivery"

**File Name:**

<DR>\_<BrandNo>\_ARTICLE\_REFERENCE\_DELTA\_REPORT\_203.csv

in the following common 7z-file (for all other type 203-delta report files of each brand),

filename:

<DR>\_ARTICLE\_REFERENCE\_DELTA\_REPORT\_203.7z

The Delta Report file shall be provided in a folder named DDELTA\_REPORT\_TAF24

**Amendment:**

Only those table 100 entries with VGL=0 are considered.



## 2.5 Article Criteria (Table 210)

The Delta Report is based on comparison of the article table 210 to identify new and deleted article criteria.

### The comparison includes these fields of the article table 210:

DLNr  
ArtNr  
KritNr  
KritWert  
LKZ

### The comparison provides a CSV file with these columns:

(If no change is detected no csv file is created)

DLNr  
ArtNr  
KritNr  
KritValue  
LKZold  
LKZnew  
ChangeInfo

### Comparison Algorithm:

General approach:

Following the idea of a Delta Key from the previous data deltas the report contains the entire information of each article that includes at least one changed item.

KritNr = 8 is not part of any comparison

Step 1:

Identify all distinct DLNr/ArtNr/KritNr/KritWert data sets that are part of the New Version but not part of the Current Version

ChangeInfo = N

Step 2:

Identify all distinct DLNr/ArtNr/KritNr/KritWert data sets that are part of the Current Version but not part of the New Version

ChangeInfo = D

Step 3:

Identify all distinct DLNr/ArtNr/KritNr/KritWert data sets that are part of both Versions but with a different LKZ

ChangeInfo = C

LKZold = LKZ in Current Version

LKZnew = LKZ in New Version

Step 4:

All other - unchanged - data records of each DLNr/ArtNr combination are added to the report

ChangeInfo = U



The comparison in Step 3 need to take care of the usage of country groups. So the comparison needs to be performed on country level and the Delta Report as well needs to provide LKZ that a re not marked as country groups in table 010/013

**Special case - first data delivery of a brand:**

File is provided and just includes the string "First time data delivery"

**File Name:**

<DR>\_<BrandNo>\_ARTICLE\_CRITERIA\_DELTA\_REPORT\_210.csv

in the following common 7z-file (for all other type 210-delta report files of each brand),

filename:

<DR>\_ARTICLE\_CRITERIA\_DELTA\_REPORT\_210.7z

The Delta Report file shall be provided in a folder named DDELTA\_REPORT\_TAF24



## 2.6 Linkages (Table 400)

The Delta Report is based on comparison of the table 400 to identify new and deleted linkages

**The comparison shall include these fields of the linkage table 400:**

DLNr  
ArtNr  
GenArtNr  
VKNZielArt  
VKNZielNr

**The comparison shall provide a CSV file with these columns:**

(If no change is detected no csv file is created)

DLNr  
ArtNr  
GenArtNr  
VKNZielArt  
VKNZielNr  
ChangeInfo

**Comparison Algorithm:**

Step 1:

Identify all DLNr/ArtNr/GenArtNr/VKNZielArt/VKNZielNr data combinations that are part of the New Version but not part of the Current Version

ChangeInfo = N

Step 2:

Identify all DLNr/ArtNr/GenArtNr/VKNZielArt/VKNZielNr data pairs that are part of the Current Version but not part of the New Version

ChangeInfo = D

Attention:

Field LFDNr is part of the linkage Primary Key but is intentionally not part of the comparison.

**Special case - first data delivery of a brand:**

File is provided and just includes the string "First time data delivery"

**File Name:**

<DR>\_<BrandNo>\_LINKAGE\_DELTA\_REPORT\_400.csv

in the following common 7z-file (for all other type 400-delta report files of each brand),

filename:

<DR>\_LINKAGE\_DELTA\_REPORT\_400.7z

The Delta Report file shall be provided in a folder named DDELTA\_REPORT\_TAF24



## 2.7 Linkage Criteria (Table 410)

The Delta Report is based on comparison of parts of the linkage criteria table 410 to identify new and deleted articles

### The comparison shall include these fields of the article table 410:

DLNr  
ArtNr  
GenArtNr  
VKNZielArt  
VKNZielNr  
LFDNr  
KritNr  
KritWert  
LKZ

### The comparison shall provide a CSV file with these columns:

(If no change is detected no csv file is created)

DLNr  
ArtNr  
GenArtNr  
VKNZielArt  
VKNZielNr  
LFDNr  
KritNr  
KritWert  
LKZnew  
LKZold  
ChangeInfo

### Comparison Algorithm:

General approach:

Following the idea of a Delta Key from the previous data deltas the report contains the entire information of each article that includes at least one changed item.

KritNr = 8 is not part of any comparison

Step 1:

Identify all distinct DLNr/ArtNr/GenArtNr/VKNZielArt/VKNZielNr/LFDNr/KritNr/KritWert data sets that are part of the New Version but not part of the Current Version

ChangeInfo = N

Step 2:

Identify all distinct DLNr/ArtNr/GenArtNr/VKNZielArt/VKNZielNr/LFDNr/KritNr/KritWert data sets that are part of the Current Version but not part of the New Version

ChangeInfo = D



**Step 3:**

Identify all distinct DLNr/ArtNr/GenArtNr/VKNZielArt/VKNZielNr/LFDNr/KritNr/KritWert data sets that are part of both Versions but with a different LKZ

ChangeInfo = C

LKZold = LKZ in Current Version

LKZnew = LKZ in New Version

**Step 4:**

All other - unchanged - data records of each DLNr/ArtNr/GenArtNr/VKNZielArt/VKNZielNr combination are added to the report

ChangeInfo = U

The comparison in Step 3 need to take care of the usage of country groups. So the comparison needs to be performed on country level and the Delta Report as well needs to provide LKZ that a re not marked as country groups in table 010/013

**Special case - first data delivery of a brand:**

File is provided and just includes the string "First time data delivery"

**File Name:**

<DR>\_<BrandNo>\_LINKAGE\_DELTA\_REPORT\_410.csv

in the following common 7z-file (for all other type 410-delta report files of each brand),

filename:

<DR>\_LINKAGE\_DELTA\_REPORT\_410.7z

## 2.8 Notifications by Data Supplier

The report contains the following columns as CSV file (incl. header, items in "...")

Brand: Brand Number

Key Value: Valid Key-Value for Key-table 902

Key Name: Term in English (\*)

Annotation: Text as given by data supplier during data delivery process in DMM/PMD

The report is stored in a file named: SupplierAnnotation\_<DR>.7z (containing SupplierAnnotation\_<DR>.csv)

The report is provided in the same folder than the delta reports

(\*)

The KeyName column contains the term for this key value in English language.

