

NEDIS-Connect Manual v2.1

P.Kense – E.D.I. Solutions Engineer

December 2015

Article Data

Electronic Ordering

Real Time Request

Dispatch Advice



Version control

Date	Version	Change	Author(s)
2009 - 2012	0.1 - 1.75	Initial Versions	Frank Lemmen
			Henk Beukers
February 2013	2.0	- Updated contents	
		- Simplified, reviewed and rewritten documentation	B.N. Vervoort
		- Now available as a single file	
February 2015	2.1	- updated eOrder specifications => added EnduserRef	B.N. Vervoort
		- purged old Realtime request data => link to new	
		manual	
December 2015	2.2	- New password Extra file FTP location	P. Kense



Terms / abbreviations

Terms/abbreviations	Explanation
EAN	European Article Number
Data feed	Auto generated product information file from seller to buyer
CSV	Comma Separated Value
XML	eXtended Markup Language
MOQ	Minimum Order Quantity
Going prices	Suggested retail price including local tax
Track&Trace	Logistical tracking number to follow shipments with it's transporters



NEDIS GLN Numbers

The Global Location Number (GLN) is part of the GS1 systems of standards. It is a simple tool used to identify a location and can identify locations uniquely where required. The GS1 Identification Key used to identify physical locations or legal entities. The key comprises a GS1 Company Prefix, Location Reference, and Check Digit. For Nedis we have the following GLN numbers, which are primarily used to identify address types in an EDI message.

NOTE: If a subsidiary does not have a physical warehouse the address and GLN numbers from the warehouse are used for the Ship to and Ship from GLN numbers.

NEDIS GLN Number Table

A complete overview can be downloaded from the following location:

http://www.nedis.com/documentation/nedis-gln-overview.pdf



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Introduction

This document describes the field definition and general implementation procedure regarding the NEDIS Connect services that are currently available and divided into 4 main services being;

- 1 Article Data
- 2 Real Time Request
- 3 eOrder
- 4 Dispatch Advice

An electronic version of this document can be downloaded through our corporate website. The location of this document is:

http://www.nedis.com/documentation/nedis-connect-implementation-manual.pdf

Caused by the strong development of the e-Business possibilities and infrastructure at NEDIS, this document will be subject to change. Please check back regularly to see if updates are available.

Regards,

NEDIS E-commerce team ecommerce@NEDIS.com



1.1 How to get access to NEDIS Connect?

The following 6 steps are needed to be taken to get access to the service:

- Contact your local sales representative or account manager at NEDIS and request access to the NEDIS
 Connect Services
- 2. Upon receiving your request we will check if you are eligible for the service
- 3. When accepted, a service agreement will be sent, for you to sign
- 4. This agreement has to be signed and send back to NEDIS in order to proceed
- 5. When everything is in order, services are activated as requested
- 6. You'll receive your personal details regarding service access

1.2 Service Costs

The NEDIS Connect services are currently free of charge. However, NEDIS continuously checks your turnover and order behaviour. If this is below our expectations, which is to be decided by NEDIS, NEDIS can stop offering NEDIS Connect services without any obligation or previous notification.



2 Article Data

Every day we publish product information, price and stock details. This information can be imported into your Web shop, ERP system, POS system etc. for sales and comparison functions.

2.1 Availability

Data feeds are generated daily, during the night. In general, files are generated and ready for import at 06:00 in the morning. During the initial setup of the service agreement you can specify which days of the week you would like to receive the data feed.

2.2 File Types

Article data is available in the following formats:

- CSV
- XML

2.3 File Size

To prevent excessive file size we compress the data feeds. This saves transfer time and bandwidth on both sides. We use the GZIP (.gz) standard to accomplish this. During the initial setup it is possible to (de)activate this option.

2.4 Character Encoding

Both file types, CSV and XML use the UTF-8 Character encoding set. When doing an import make sure to use: 65001 Unicode (UTF-8).

2.5 Download Options

There are 3 options available to obtain the data feed.

- 1 Manual download via the NEDIS website (my account > my downloads > NEDIS connect)
- 2 NEDIS FTP server
- 3 Your own FTP server

The best way to obtain the data feed is by downloading it from our FTP server or have it uploaded to your own FTP server. At the initial setup, we will create a private account on the NEDIS FTP server to post the data feed to and will send you your personal login details for the server. From here, you can download the file in the morning for processing.



2.6 File Naming

The following file format is used:

nedis_catalog_YYYY-MM-DD_II_LL_CCCCCCC_VVVV_VVVV.EEE

CSV Example

nedis_catalog_2013-01-01_en_US_282828_v1-0_csv_full.csv

XML example

nedis_catalog_2011-10-27_en_US_282828_v1-0_xml.xml

2.7 Creation Process

The creation process in short:

- 1 While the file is being generated it will appear on the server as a TMP file
- 2 After a successful transfer we will rename the file to the according format
- 3 The old file will be deleted.
- 4 This means that there is always 1 file available for download.
- 5 We don't store old files on the NEDIS FTP server.

NOTE: When you choose the option to receive the file on your own FTP server, please make sure you have enough disk space available. Also take note that you purge/delete old files after a certain time interval. We do not delete files on external FTP servers.

2.8 Whitelist IP Address

Make sure our server is allowed to connect to your FTP server in case you want to have the files posted on your own server.

IP: 213.207.103.125



2.9 Extra Files / Public FTP Server:

Address: ftp.content4us.com

Login: nlnedisfiles

Password: w5sS3jPYEjGP

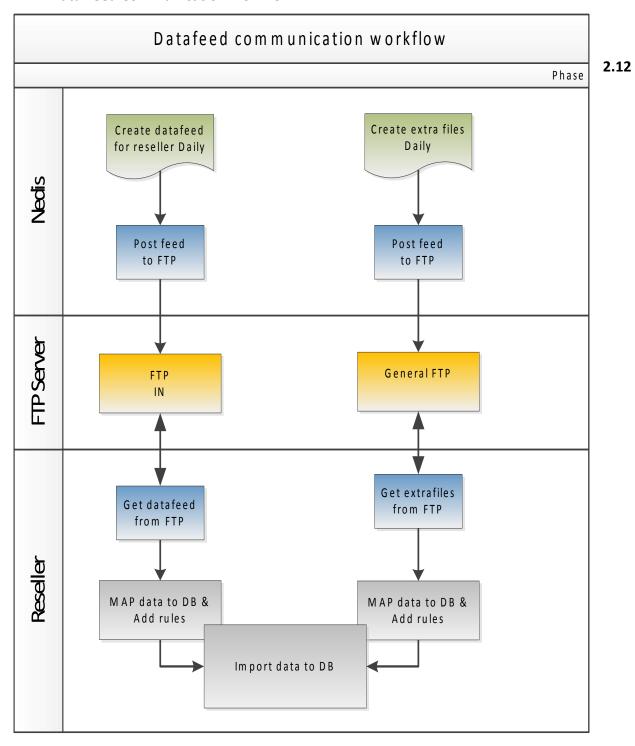
The Extra Files are available from the public FTP server that can be used in combination with your personal data feed. The personal data feed is not posted here but available as described above in the download options.

2.10 Available Extra files on Public FTP Server:

Name	Description
OOP / Inactive File	List of NedisPartnr that have gone Out of Program or that have set inactive for sales (6 month range)
Alternatives File (CSV+XML)	List of Alternative Products for a NedisPartnr
Accessories File (CSV+XML)	List of accessories for a NedisPartnr
Media File	List of media files attached to NedisPartnr (documents, images, videos)
Tax Additions	List of Tax Additions (governmental fees on batteries, copyrighted media, etc.)
Logistical Data file	List of logistical data for a NedisPartnr
UNSPSC Reference File	Reference Table with category descriptions
FAQ File (XML)	List of available Questions and Answers for a NedisPartnr
Property File (CSV)	List of all available properties for NedisPartnr
Property Translation File (XML)	Necessary file to map properties from the XML datafeed to it's correct language and unit.
Cross Reference File (XML)	List of external make/models mapped to NEDIS products. (Beta)



2.11 Data Feed Communication workflow



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2.12 Available Data by File Type

Below an overview with available data which is included in the main article data files (csv/xml) or availability of the data at another location.

Information field	Field Description	CSV	XML
Supplier	The supplier of the products in the file. Examples are: Nedis_NL or Nedis_BE	Ø	☑
Locale	ISO Country and language settings Examples are: en_US or fr_BE	Ø	\
NedisPartnr	This is the NEDIS sku name for the product used by all subsidiaries this is used for ordering at NEDIS.	Ø	V
Nedis Article ID	This is a unique number applied to the products (can <u>not</u> be used for ordering at NEDIS!)	Ø	V
Vendor Part Number	This is the vendor part number for the product. This can differ from the NedisPartnr tag. It refers to the original part number from the manufacturer. In many cases this is the same as the NedisPartnr since we are the manufacturer. But in other cases (logitech, philips, sony) if available the original part number will be shown here.	Ø	☑
Brand	This is the brand of the product	V	
EAN	EAN13 code of the product	Ø	☑
Intrastat Code	The intrastat code of the product for export and import reporting.	☑	☑
UNSPSC	The UNSPSC code of the product	V	V
Header Text (short)	This field contains the short product description as shown on the NEDIS websites	Ø	V
Internet Text	This field contains the long product description as shown		



(medium)	on the NEDIS websites.		
General Text (long)	This field contains the additional product descriptions as shown on the NEDIS websites.	Ø	☑
Currency	Monetary Currency in which price information is displayed	Ø	☑
Pricing Levels	Price levels based on our tier pricing	Ø	Ø
Special pricing Levels	Price levels based on our special offer tier pricing	×	
MOQ Levels	Minimum Order Quantity related to the tier pricing level	Ø	V
Local stock Information	This is the stock quantity at the moment of file creation.	Ø	☑
Central Stock Information	This is the stock quantity at the moment of file creation		
Next Date for Stock (local)	Date when we expect new stock. Format: YYYY-MM-DD	Ø	☑
Next Date for Stock (Central)	Date when we expect new stock. Format: YYYY-MM-DD	Ø	☑
Advised Retail Price	Estimated retail price (Incl. VAT)	Ø	Ø
Category Levels ID	ID numbers for categorisation tree	Ø	Ø
Category Levels Descriptions	Categorisation levels	Ø	Ø
Product Introduction Date	Date the product had first stock	Ø	Ø



Serial Number Keeping	NEDIS does not yet keep serial numbers for tracking.	☑	☑
Price Date Range	"From – To" - date for a price	V	V
Packaging Types	Type of packaging	Separate CSV File	☑
Packaging Weight	Weight of the SKU + packaging	Separate CSV File	☑
Packaging Quantity	Amount of SKU in a packaging	Separate CSV File	V
Packaging Dimensions (LxWxH)	Dimensions of the packaging of the SKU (length x width x height)	Ø	Separate CSV File
Additional Tax info	Some products contain governmental taxes or environmental / copyright fees (batteries, dvd-r etc.)	Separate CSV File	☑
Accessories	A list of accessories that are suitable with the SKU	Separate CSV File	Separate XML File
Alternatives	A list of alternatives for the SKU	Separate CSV File	Separate XML File
Units of Measurement (Um- file)	Type of packaging and the next available packaging types and quantities + dimension + weight info	Separate CSV File	Separate CSV File
FAQ's	Frequently asked questions available for the SKU	Separate CSV File	Separate CSV File



Image / Photo Type	Type of photo (Application / Packaging, Front etc.)	☑ Separate CSV File	☑
Product Photos (all)	Different type of product photos	☑ Separate CSV File	☑
360 degree photos	Interactive photo that shows the product from all sides	☑ Separate CSV File	V
Product videos	Video about the product	Separate CSV File	V
PDF Documents	Documents available for the product	Separate CSV File	☑

2.13 Additional Information on Data Fields

Going Prices

This is the suggested retail pricing in the local currency (including local tax). The going price is always based on the smallest sales unit. The going price is currently available in the following countries:

- Netherlands
- Germany
- Belgium
- Luxemburg
- Spain
- Sweden



Picture Dimensions

To obtain other formats you can change the directory path (if available) according to the table below:

Dimensions	Link
60px (square)	http:// pictures.content4us.com/60px/
100px (square)	http:// pictures.content4us.com/100px/
140px (square)	http:// pictures.content4us.com/140px/
283px (square)	http:// pictures.content4us.com/283px/
350px (square)	http:// pictures.content4us.com/350px/
High Resolution	http://pictures.content4us.com/products_high_res



2.14 General Implementation Notes

More information on Stock

The stock data communicated in the data feeds is static. This is the closing stock from the day before. Where our warehouses and systems are running 24/7 the stock can change by the minute.

Please use the real time stock check before accepting an order to prevent backorders on products with low availability.

More information on Pricing

All purchase prices are excluding the local tax. The mentioned going prices are including the local tax. At the moment prices communicated are based on the default tier pricing system. In case of specific price agreements with your local NEDIS office this might not be visible in the data feed. Please enquire with your representative for more information.

More information on Minimum Order Quantities

In some cases the mentioned quantity with cables on reel (packaging type 16) is per meter and not per reel. With batteries the quantity can be 4 because they are packed per blister.

We are in an ongoing process to adjust these measurements for all our products to a per 1 packaging quantity. Always use the combination MOQ x Price to obtain the correct price for an article.

General Advice on Implementation

The articles that are available on the day of import, is the assortment that is active for sales at that specific day. If a particular product is not in the feed in the next day, it's not for sale at NEDIS and it's best to deactivate/delete this from your database. When the product is activated again it will also appear in the data feed again. For a list of articles that have gone Out of Program (OOP) or are set to inactive (temporarily) please refer to the OOP/Inactive File.



2.15 Detailed XML Data Feed Information

<?XML version="1.0" encoding="UTF-8" ?>

Standard header for xml messages.

<!- - Legal disclaimer - ->

<nedisCatalogue>

Start of main message.

<headerInfo>

In this tag you can find overall information about this Content-Connect data feed.

<feedVersion>

This is the version number of the file you are receiving. Caused by strong development of the E-business possibilities and infrastructure at NEDIS, this can change.

Important! When we have a new version available, we will notify you and we define a time period in which the "old" version is phased out.

<dateCreated>2013-02-02T15:12:34+01:00</dateCreated>

This is the date/time stamp when the data feed was created. Format is YYYY-MM-DDTHH:MM:SSZZZ:ZZ where the Z represents the time zone.

<supplier>NEDIS_NL</supplier>

This is the identifier from which NEDIS subsidiary the file is originated.

<locale>nl_NL</locale>

This identifier for the language of the data feed. If you requested more languages there will be separate files available for you.

cproductList>

The start of the product listing.

cproduct>

This tag encloses each product in the feed. This is a repeating group



<nedisPartnr>

This is the NEDIS part number for the product used by all subsidiaries, this is the only accepted order code at NEDIS

<nedisArtlid>

This is the NEDIS database number for the product used by all NEDIS subsidiaries

<vendorPartnr>

This is the vendor part number for the product. This can differ from the NEDIS_partnr tag.

It refers to the original part number from the manufacturer. In many cases this is the same as the NedisPartnr since we are the manufacturer. But in other cases (logitech, philips, sony) if available the original part number will be shown here.

brand>

This is the brand name of the product.

Attention. Since this is a !CDATA field it can contain HTML or non-standard characters.

<EAN>

This is the EAN code of the product.

<intrastatCode>

The intrastat code of the product for export and import reporting.

<UNSPSC>

The UNSPSC code of the product. (where available).

<headerText>

This field contains the short product description as shown on the NEDIS websites.

Note. Since this is a !CDATA field it can contain HTML or non-standard characters.

<internetText>

This field contains the long product description as shown on the NEDIS websites.

Note. Since this is a !CDATA field it can contain HTML or non-standard characters.

<generalText>

This field contains the additional product descriptions as shown on the NEDIS websites.



Note. Since this is a !CDATA field it can contain HTML or non-standard characters.

<images>

<image type="XX" order="YY">filename</image>

XX parameters		
2	Product Picture	
3	Packaging Picture	
4	360/3d photograpy (needs flash)	
5	Application Picture	
16	Package Content	

The YY parameter is ascending and shows the order sequence we use to show the picture on our websites. For example a picture with order=1 is our main picture on the NEDIS website.

The pictures are available in different sizes and can be fetched by combining the URL below and the filename which is in the <image> tag,

Dimensions	Link
60px (square)	http:// pictures.content4us.com/60px/
100px (square)	http:// pictures.content4us.com/100px/
140px (square)	http:// pictures.content4us.com/140px/
283px (square)	http://pictures.content4us.com/283px/
	Always available format
350px (square)	http:// pictures.content4us.com/350px/
High Resolution	http://pictures.content4us.com/products_high_res



2.16 Type 4 images (360/3D photography)

With this parameter you can show 360/3D photography on your website.

To do this you need to implement the code snippet below. On the position marked with red the data should be replaced with the parameters which are in the type 4 tag of images.

If we do not have 360/3D content the type 4 tag not mentioned in the image section and the code below is not necessary.

---- start code snippet

<object classid="clsid:D27CDB6E-AE6D-11cf-96B8-444553540000"
codebase=<u>http://download.macromedia.com/pub/shockwave/cabs/flash/swflash.cab#version=6,0,65,0</u>
width="100%" height="100%">

<param name="movie"</pre>

value="http://360.content4us.com/fsi/viewer/fsi.swf?&cfg=viewer3d_presets/3d_spin_and_blur&im ages3durl=Nedis+Images%2f<*PUT TAG INFO HERE>*

&initialaction=NextScene&intro=intro nedis&language=english">

<param name="allowscriptaccess" value="always"> <param</pre>

name="allowfullscreen" value="true"> <param name="quality"

value="high"> <embed

src="http://360.content4us.com/fsi/viewer/fsi.swf?&cfg=viewer3d_presets/3d_spin_and_blur&imag es3durl=Nedis+Images%2f<*PUT TAG INFO HERE>*

&initialaction=NextScene&intro=intro nedis&language=english"

allowscriptaccess="always" allowfullscreen="true" quality="high"

type="application/x-shockwave-flash"

pluginspage="http://www.adobe.com/go/getflashplayer" width="100%"

height="100%"> </object>

---- End code snippet

Note: the 360 viewer will be loaded from our server with the Nedis skin by default. Other skins available can be loaded as & amp; skin=<skin name>

Available skin names are: nedis, plain, silver, black.



<attachments>

If products have commercial attachments like manuals and product sheets you can find them here.

Note. Since this is a !CDATA field it can contain HTML or non-standard characters.

<attachment type="XXX" description="description"><![CDATA[URL]]></attachment>

- Portable Document Format (Acrobat Reader)
- Driver Software
- Movie
- External Link
- Manual
- CF
- Safety datasheet
- Product datasheet

When there is a description available it will be shown. This a more human readable text which can be used for an anchor text in the link.

Driver Software:

<attachment type="Driver Software" description=""><![CDATA[http://attachments.content4us.com/datasheets/DRIVER_WIN7_AT-UC232A.ZIP]]></attachment>

This is a direct link to the driver for this product.

Portable Document Format (Acrobat Reader):

<attachment type="Portable Document Format (Acrobat Reader)"
description=""><![CDATA[http://attachments.content4us.com/datasheets/MANUAL_ATUC232A_ENG.PDF]]></attachment>

This is a direct link to a PDF. This can be a product datasheet or manual.

Manual:

<attachment type="Manual" description="Product

Manual"><![CDATA[http://attachments.content4us.com/datasheets/DATASHEET_AT-VE560.PDF]]></attachment>

This is a direct link to a PDF of the product's Manual.



Movie:

attachment type="Movie" description="Product Presentation"> <![CDATA[http://www.youtube.com/watch?v=j9CFt_09j6E]]></attachment>

This is a direct link to the product videos on Youtube.com

CE:

<attachment type="CE" description="CE

Declaration"><![CDATA[http://attachments.content4us.com/datasheets/CE_DOC_AVSPLIT24.PDF]]></attachment>

This is a direct link to product's CE file

Safety Datasheet:

<attachment type="Safety datasheet" description="Product Safety

Document"><![CDATA[http://attachments.content4us.com/datasheets/HAV-IR23_TESTRESULT.PDF]]></attachment>

This is a direct link to the product's safety warnings.

Product Datasheet:

<attachment type="Product datasheet" description=""><![CDATA[http://attachments.content4us.com/manuals/NLNED/PRODUCT_DATASHEET_HAV-KCD11.PDF]]></attachment>

This is a direct link to the product's datasheet.

```
<categories>
  <tree name="XXXXXXXX">
```

This will tell you which tree NEDIS is using for the categorization of the product on the NEDIS sites. Attention: a product can be assigned to multiple trees, it is the choice of the users to adopt this or choose one of the trees.

```
<entry depth="0001" id="506">Text representation of the category
```

The entry depth will tell you on which level it is in the tree, the higher the number the deeper the tree level entry is. The id represents a numerical representation of the text which will follow in this tag.

Note: the following id's are used to identify retail support and POS materials. These can be filtered out if required.

ID:1002154 (catalogues)
ID:1002153 (blister support)
ID: 1002156 (poly bags)



cproperties>

These values represent the different properties a product may have. For example: length, connector types, diameter, watt, voltage, usage, color. This is a repeating element and can differ per product.

To use this you also need the use the additional file called "nedis_property_translations_2013-02-02.xml" which can be fetched from our general FTP (login details provided above). This file contains the text values of the ID's in all languages we support.

In the next section the property translation file will be described in detail.

<Status>

<code status="XX">

An article can have status NORMAL or GOTO

Normal: article is active for sales at NEDIS

GOTO: Article is not active for sales anymore and there is an alternative/replacement in place

IMPORTANT: When there is a code "GOTO" the following field is the NEDIS_artlid and NOT the standard NEDIS partnumber. This number can be found in the tag <nedisArtlid> of the feed.

<packaging quantity="Y" Weight="ZZZ">XX</packaging>

This tag contains the packaging information. The packaging element can be repeated while there are more packaging types available

ID	Explanation
0	Unknown
1	Backcard
2	Bag
3	Blister
4	Bottle
5	Giftbox
6	Giftbox with eurolock
7	Header
8	Inlay
9	Label
10	Label + backcard
11	Sticker



12	Wrap
13	Вох
14	Label with eurolock
15	Unpacked
16	Reel / Rol

The packaging quantity (Y value) is the amount in this packaging. For example batteries: the packaging is one blister and the quantity is 4.

Note that in some cases the packing quantity (Y value) can have an empty value.

Apart from that, the packing quantity (Y value) is never a value to fall back on when in doubt of MOQ's (Minimum Order Quantity). More on MOQ's below.

Please use the value as a multiplier. If the Y value is 4 then 2 packages will contain 8 items.

The weight is always in metric grams and decimal separator (point)

<introductionDate>

This date refers to the date the product was first on stock in the warehouse.

Identify New Articles:

<introductionDate> makes it easy to identify new products and mark them as such.

For example: if the product is in stock and the introductionDate falls within range of today's date minus 14 days you can show newest products from the last 2 weeks.

Identify Expected Products:

<introductionDate> will show 0000-00-00 as date and the product already contains a

<NextExpectedStockDateCentral> that lies in the future.

<serialnumber_keeping>

Future use, currently we do not store serial numbers



<priceLevels>

This field contains the pricing levels. Each level has its own MOQ (Minimum Order Quantity) and pricing in the currency which we provide. The point (.) is the decimal separator.

For most B2C webshops the MOQ will be 1. However some of our products currently have deviant MOQ levels so when used in combination with dropshipping always check if an item is available for dropshipping per 1 item.

Note on specialOfferPricing

When a special offer is active the feed will contain both sets of pricing. You can choose which set to use and this is especially important if the price will be calculated back to single item prices like in a webshop. When there is no special price active the fields will be left empty.

In case you wish to make use of the "best pricing mechanism" it's advised to do so based on your own set of business rules.

```
<goingPriceInclVAT currency="XXX" quantity="y" >AMOUNT</<goingPriceInclVAT>
```

The last tag in the field is the advised sales price including the country specific tax. The point(.) is the decimal separator.

<tax>

```
<tax_addition moq="XX" code="YY" text="ZZZZ" currency="EUR" PricePerPiece=1234 >14.88
```

This field contains the possible additional taxes which are mandatory on certain products. This can differ per country. The amount is in the local currency.

The MOQ indicates the minimal order quantity of the products, please use this field a multipliable value. If the MOQ is 4 please do not order 6 or 10 but 4, 8 or 12.

IMPORTANT NOTE: It's important that additional taxes on certain products are shown correctly to the user as we have to invoice them and pay them to the local tax offices.



Example:

<tax>
<tax_addition moq="5" code="3" text="Buma/stemra-heffing" currency="EUR"
PricePerPiece="0.35">1.75</tax_addition>

These taxes can change per country. Every country has its own regulations. Please consult your local NEDIS office for details which taxes could be applied.

<stock>

</tax>

<inStockLocal>

This is the quantity which was available on stock on the moment the catalogue file was created. **Important: This is a dynamic number which fluctuates during the day.**

<inStockCentral>

This is the quantity NEDIS has in stock at her central warehouse in the Netherlands. This tag does not apply for the countries The Netherlands, Belgium, Germany or Luxemburg. These countries are serviced by the central warehouse directly so their local stock is the same as the central stock.

Important: This is a dynamic number which fluctuates during the hour. For a real time value please use the Real Time Request before accepting or posting the order.

<ATP>

<nextExpectedStockDateLocal>

This is the date when we expect new free for sales stock. Format YYYY-MMM-DD Important: This is an indicative date. This date can change without notice. It is not confirmed!

<nextExpectedStockDateCentral>

This is the quantity of free stock which we expect to receive on the date in the field above.

Important: This is an indicative date. This date can change without notice. It is not confirmed!



2.17 Implementation of Product Properties (XML)

To successfully implement the product properties you need to use the additional file called "nedis_property_translations_YY-MM-DD.xml" which can be fetched from our general FTP (login details provided earlier). This file contains the text values of the ID's in all languages that are supported.

With this file you can translate the various id mentioned in the data XML file to values an text.

Version

We have 2 versions available for download. One is compressed with gzip and the other one is uncompressed. There is a date stamp in the filename.

Filename:

nedis property translations 2010-06-14.xml.gz OR nedis property translations 2010-06-14.xml

Format

The format described in this document is XML with UTF-8 as codebase. All values are written as !CDATA.

```
<?xml version="1.0" encoding="UTF-8"?>
```

Standard XML header

<nedisCatalogue>

Start tag of the feed

<headerInfo>

Start of header information

<translations>

Start of the translations

cproperties>

```
property id="XXXX">
```

This property id matches the ID in the xml product feed. In the local tag you can find the value.

```
locale name="yy_YY>![CDATA[ZZZZZ]]
```

In the locale name you can find the country code and the value contains the value of this locale

<multipliers>

With multipliers you can convert data e.g. from m to mm or kg to gr.



<multiplier id="X"><![CDATA[ZZZZZ]]></multiplier>

The id refers to the ID in the xml product data feed and the value is the multiplier.

```
</multipliers>
```

<units>

The Units are the values

```
<unit id="XXXX" >
```

This unit id matches the ID in the xml product feed. In the local tag you can find the value

```
locale name="yy_YY"><![CDATA[ZZZZZ]]></locale>
```

In the locale name you can find the country code and the value contains the value of this locale

</unit>

</units>

Example

Below a snippet from the XML datafeed.

The product is a an in-ear headphone with our product numer HPPRO-240

<nedisPartnr>HPPRO-240</nedisPartnr>

<nedisArtlid>1115853</nedisArtlid>

•••••



```
Let's examine the properties and try to match this in the us US language
In the translation file we find
cproperty id="88" >
<locale name="cz_CZ"><![CDATA[]]></locale>
<locale name="da DK"><![CDATA[Vægt]]></locale>
<locale name="nl_NL"><![CDATA[Gewicht]]></locale>
<locale name="nl_BE"><![CDATA[Gewicht]]></locale>
<locale name="en GB"><![CDATA[Weight]]></locale>
<locale name="us_US"><![CDATA[Weight]]></locale>
Here we find extra the value "weight"
For the multiplier id we find a 5 in the multiplier data we find no data so we can skip this.
<multipliers>
       <multiplier id="5"><![CDATA[(none)]]></multiplier>
       <multiplier id="9"><![CDATA[Pico]]></multiplier>
       <multiplier id="8"><![CDATA[Nano]]></multiplier>
       <multiplier id="6"><![CDATA[Micro]]></multiplier>
        <multiplier id="7"><![CDATA[Milli]]></multiplier>
       <multiplier id="10"><![CDATA[Centi]]></multiplier>
       <multiplier id="11"><![CDATA[Deci]]></multiplier>
        <multiplier id="12"><![CDATA[Hecto]]></multiplier>
       <multiplier id="1"><![CDATA[Kilo]]></multiplier>
       <multiplier id="2"><![CDATA[Mega]]></multiplier>
        <multiplier id="3"><![CDATA[Giga]]></multiplier>
        <multiplier id="4"><![CDATA[Tera]]></multiplier>
</multipliers>
For the unit ID we find 1266 and the translation file we find the value gr (is gram)
        <unit id="11" >
        <locale name="cz CZ"><![CDATA[]]></locale>
        <locale name="da DK"><![CDATA[gr.]]></locale>
        <locale name="nl_NL"><![CDATA[gr]]></locale>
        <locale name="nl BE"><![CDATA[gr]]></locale>
        <locale name="en_GB"><![CDATA[]]></locale>
        <locale name="en_US"><![CDATA[gr]]></locale>
```

Here we see that there is no value.



For the value ID we find 70 and the translation file we find: 13.

```
<value id="1266" >
<locale name="cz_CZ"><![CDATA[13.]]></locale>
<locale name="da_DK"><![CDATA[13.]]></locale>
<locale name="nl_NL"><![CDATA[13.]]></locale>
<locale name="nl_BE"><![CDATA[13.]]></locale>
<locale name="en_GB"><![CDATA[13.]]></locale>
<locale name="en_US"><![CDATA[13.]]></locale>
```

Conclusion this headsets weight is 13. gram.

Via this method you can find all properties attached to the products.

2.18 Property files in CSV format

Part of the Extra Files which can be found on the public FTP server is the Property File in CSV format. With this file you can import all the properties of the articles active for sale on the day of import.

This is equal to the assortment in the article datafeed. Because this can differ per county the files are country specific.

Filename:

nedis_properties_xx_XX_YYYY-MM-DD.csv

Where xx_XX stands for the country codes and YYYY-MM-DD for the create date.

Example 1:

The German File is named: nedis_properties_de_DE_2013-01-09.csv For country with more than one official language, there are separate versions available.

Example 2:

Belgium:

Dutch Belgium version: nedis_ properties _nl_BE_2013-01-09.csv French Belgium version:nedis_ properties _fr_BE_2013-01-09.csv

Frequency:

These files are updated on a daily basis.



2.19 OOP / Inactive Files

These files contains the products which have gone Out Of Program (OOP) in the last 6 months.

These products are not contained in the feed anymore and are no longer available for sale.

Note: This feed can also contain products that have gone temporary blocked for sales. When they are active again they will be distributed through the regular data feed process again.

Because this can differ per county the files are country specific.

Filename

Nedis ooplist xx XX YYYY-MM-30.csv

Where xx XX stands for the country codes and YYYY-MM-DD for the create date

Example 1 (German):

The German File is named: nedis_ooplist_de_DE_2010-07-30.csv

For country with more than one official language, there are separate versions available.

Example 2 (Belgium):

Belgium:

Dutch Belgium version: nedis_ooplist_nl_BE_2010-07-30.csv French Belgium version:nedis_ooplist_fr_BE_2010-07-30.csv

File format

The file is in CSV format, comma separated and fields are delimited with double quotes.

The first line contains the field definition names.

The first column is named NedisPartnr and contains the Nedis partnumber code of the OOP

product.

The second column is named EAN and countains the EAN code of the OOP product.

The third and last column is name DateChanged and shows the date the product got deactivated.

Example

"NedisPartnr", "EAN", "DateChanged"

"12041500","5412810118557","2010-07-30"

"21982500","5412810118786","2010-07-30"

"ANT 113-KN","5412810120406","2010-06-14"

Frequency

These files are updated on a daily basis.



2.20 Accessories Files

This file provides accessories we advice for certain products in our range and can be used to automate the cross-sell process.

XML Format

The format described in this document is XML with UTF-8 as codebase.

Filename

nedis_acclist_YYYY-MM-DD.xml

Example

<?xml version="1.0" encoding="UTF-8"?>

Standard XML header

<nedisCatalogue>

Start tag of the feed

<headerInfo>

Start of header information

<feedVersion>1.0</feedVersion>

information about the version

<dateCreated>2010-03-22T01:50:03+0100</dateCreated>

The date the feed was created

<supplier>Nedis</supplier>

Supplier

<headerInfo>

End of the header information

cproductlist>

Repeating tag per product

cproduct>

Repeating tag per product

<nedis_artID>13007</nedis_artID>

The NEDIS artID. This is the unique number for the product

<nedis_artCode>SBC5221</nedis_artCode>

The Nedis part number as used on the NEDIS websites.

<accessoiries>

Start of the accessories for this product.

<accessory id="28465">CAMC.CHARGER</accessory>

Per alternative you will find the ID (=Nedis_artID) and the nedis_artCode

</accessoiries>

</product>

</productlist>

</nedis_catalogue>



CSV Format

The file is comma separated and fields are delimited with double quotes. The first line contains the field definition names. We communicate a one on one relation between 2 products, the match can be made based on NedisPartnr or on NedisArtlld.

Filename

nedis_acclist_YYYY-MM-DD.csv

Frequency

These files are updated on a daily basis.

Example

"Nedis Art IId", "Nedis Partnr", "Accessory Art IId", "Accessory Nedis Partnr"

"99396","273513","35979","W1-04197"

"297362","361127","35979","W1-04197"

"56021209","9001666404","56021213","9001666578"

"56021209","9001666404","56021215","9001666586"



2.21 Alternative Files

In these files we communicate alternative products related to the products communicated in the Article Data Feed. This file can be used for up-selling purposes (based on price of the alternative) or showing related products.

XML Format

The format described in this document is XML with UTF-8 as codebase.

Filename

nedis altlist YYYY-MM-DD.xml

Example

<?xml version="1.0" encoding="UTF-8"?>

Standard XML header

<nedisCatalogue>

Start tag of the feed

<headerInfo>

Start of header information

<feedVersion>1.0</feedVersion>

I information about the version

<dateCreated>2010-03-22T01:50:03+0100</dateCreated>

The date the feed was created

<supplier>Nedis</supplier>

Supplier

</headerInfo>

End of the header information

cproductList>

Start of the product listing

cproduct>

Repeating tag per product

<nedis_artID>10764</nedis_artID>

The NEDIS artID. This is the unique number for the product.

<nedis_artCode>130.41275</nedis_artCode>

The Nedis part number as used on the NEDIS websites.

<alternatives>

Start of the alternatives for this product.

<alternative id="153">BY228-PHI</alternative>

Per alternative you wil find the ID (=Nedis_artID) and the nedis_artCode

</alternatives>

</product>

</productList>

</nediscatalogue>



CSV format

The file is comma separated and fields are delimited with double quotes. The first line contains the field definition names. We communicate a one on one relation between 2 products, the match can be made based on NedisPartnr or on NedisArtlld.

Filename

nedis_altlist_YYYY-MM-DD.csv

Example

"NedisArtlId", "NedisPartnr", "AlternativeArtlId", "AlternativeNedisPartnr" "10402", "052.10399", "76714", "NFR25 39R" "20411", "115710-GVT", "1022170", "AH-972/60" "659423", "1182.0887", "14886", "HR6488" "659423", "1182.0887", "91339", "KN-3019000"

Frequency



2.22 Media File

This file contains all attached media to a product. The NedisPartnrs in this file are corresponding to the part numbers in the article data feed.

Filename:

nedis_mediafiles_xx_XX_YYYY-MM-DD.csv

Where xx_XX stands for the country codes and YYYY-MM-DD for the create date.

File format

The file is in CSV format, comma separated and fields are delimited with double quotes.

The first line contains the field definition names. The first column is named NedisPartnr and contains the Nedis partnumber code of the OOP product. The second column is named EAN and countains the EAN code of the OOP product. The third and last column is name DateChanged and shows the date the product got deactivated.

Example:

"Supplier","Locale","NedisPartNr","File type","Description","Order sequence","Identifier","Url"

"Nedis_XPNED","en_US","KN-LED60","Packaging Picture","","1","KN-LED60_MR.JPG","http://pictures.content4us.com/283px/KN-LED60_MR.JPG"

Frequency:



2.23 Tax Additions

This file contains all additional taxes or fees that can be applicable to a product in certain countries. Most of the time this concerns governmental taxes and fees on Batteries, Digital Media and energy related products.

Filename

nedis_taxadditions_NEDCODE_YYYY-MM-DD.csv

Where NEDCODE stands for the supplier code (see chapter 2.13) country codes and YYYY-MM-DD for the create date.

File format

The file is in CSV format, comma separated and fields are delimited with double quotes.

The first line contains the field definition names. The first column is named NedisPartnr and contains the Nedis partnumber code of the product containing an additional charge. The second column is named TaxDescription and contains a short description about the fee. The third and last column is Price and shows the monetary value of the particular tax or fee.

Example

"nedisPartNr","TaxDescription","Price"
"HQ-NIMH-AA-04","Cat I AA/(L) R06","0.0800"
"HQ-NIMH-AAA-01","Cat I AAA/(L) R03","0.0800"

Here, a 0.08 cent tax is active on the product. It concerns a tax on batteries (NL).

Frequency



2.24 FAQ File (Frequently Asked Questions)

This file contains a collection of frequently asked questions and answer for certain products (where available).

XML Format

The format described in this document is XML with UTF-8 as codebase. All values are written as !cdata because they can contain non-html codes.

Filename

nedis_faqlist_YYYY-MM-DD.xml

Example

nedisArtlid the article id of the product where this FAQ applies to.

Sequence; to determine sort order when multiple questions&answers apply.

Langid: the language id

locale: the country / language code

Question: The question about this product **Answer:** The answer to the question

Since these can contain certain non-HTML characters it is placed with the !CDATA tag.



CSV format

The file is comma separated and fields are delimited with double quotes. The first line contains the field definition names. Since the quote sign ("") can be included in questions-answers we add slashes to the character, this results in /" Make sure to use a StripSlashes function. Note that the questions and answers can also contain HTML breaks in the text < br/>br/>. The column Locale is to determine the country and language the FAQ is active in.

Filename

nedis_faqlist_YYYY-MM-DD.csv

Example

"NedisArtIId", "Sequence", "Locale", "Question", "Answer"

"28503","10","en_US","Where can I download the latest driver?","You can download the latest driver on the following link: CMP-BLUEKEY24.ZIP"/>CMP-BLUEKEY24.ZIP."

"28503","10","de_DE","Wo kann ich den aktuellen Treiber downloaden?

'","Unter dem folgendem Link:CMP-BLUEKEY24.ZIP.

/>"

"28503","10","hu_HU","Hol tudom letölteni a legfrissebb drivert?","A legfrissebb drivert az alábbi link segítségével töltheti le: CMP-BLUEKEY24.ZIP."

Frequency



2.25 UNSPSC Reference Table

In the Article Datafeeds, where available, we communicate the UNSPSC categories (level 4 only). Using the reference table corresponding descriptions and upper category levels can be retrieved.

Filename

nedis_UNSPSClist.csv

More information on UNSPSC can be found at:

http://www.unspsc.org





2.26 Logistical Data

Both XML and CSV Article Data files already contain most of the logistical information necessary. To provide a complete overview of this dataset this file can be used.

Filename

logistical_data_YYYY-MM-DD.csv

File format

The file consists out of a collection of NedisPartnrs, this can be repeated over multiple lines as there might be more information available for a specific product followed by the NedisArtlid (databaseID), the UmId (unique id for the packaging), the Um (shortname for the packaging), the factor (amount of pieces in this unit) and the Dimensions of the particular packaging unit (LxWxH) followed by the weight.

Example

```
"NedisPartnr","NedisArtlid","UmId","Um","Factor","Length","Width","Height","Weight"
"HQSS5555-1.5","1098722","146896975","BLI","1","280","190","70","160"
"HQSS5555-1.5","1098722","146896971","BO2","10","397","310","220","2060"
"HQSS5555-1.5","1098722","146896967","BOX","20","460","420","340","5240"
"HQSS5555-2.5","1098723","146896987","BLI","1","280","190","70","200"
"HQSS5555-2.5","1098723","146896983","BO2","10","400","220","310","2500"
"HQSS5555-2.5","1098723","146896979","BOX","20","460","410","330","6020"
```

Frequency

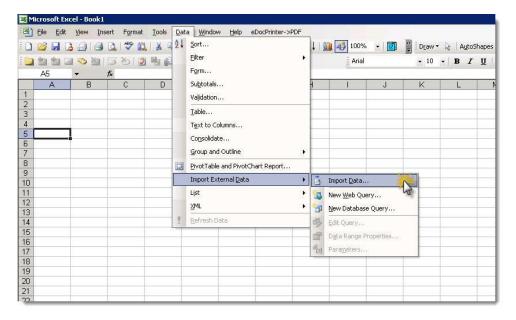
This file is updated on a daily basis.



2.27 CSV Import in Excel

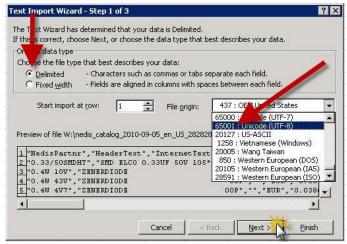
Due to the fact that we use UTF-8 encoding the standard import in Microsoft excel will show "strange" characters. To import correctly, please follow the following steps (based on Microsoft excel 2003)

- 1. Download the CSV file.
- 2. Start Excel
- 3. Create an empty worksheet
- 4. Click on the menu Data->Import External Data->import data (screenshot below)





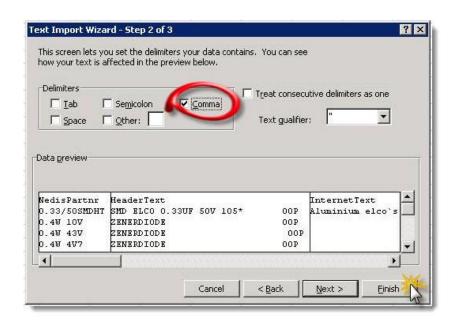
A wizard will show and (screenshot below) and please select the datatype Delimited and choose the 65001: Unicode(UTF-8) option as the file Origin.



Click on the "Next" button

On the following screen choose the Comma as delimiter and click on finish.

After this the list will be correctly imported.



Please check the NedisPartnr and the EAN code colum for the right format (number/text). Do not use "general" for those fields



3 Real-Time Request (P&A Check)

An electronic service that allows for requesting Price and Availability (stock) of an article at NEDIS.

The real time stock check is very useful before accepting an order from your client. Why? Because it allows you to see if there is stock available at the NEDIS warehouses hence preventing backorders and allowing to maintain customer satisfaction.

A separate manual is available for P&A check at:

http://www.nedis.com/upload/image/nedis-connect-price-availability-check.pdf



4 Electronic Order (eOrder)

Using this system you can automate orders towards NEDIS, without using our website for order entry. The basic procedure is that you send a special e-mail with the orderliness to NEDIS, the email is verified and authenticated to be processed in the ERP.

4.1 Using the system

To use this ordering method you'll need:

- This documentation
- ELORD password
- · correct email recipient for your NEDIS sales office

IMPORTANT: this is a different password than the one being used for Website and Real-time Request. You can obtain this password via the sales department of your local NEDIS office. It will be provided after you send in a correct example of the format together with the final email order email address.

4.2 Format

The subject line of the email has no effect so it may be empty.

Below you will find an example of the body text for the email ordering. The line numbers should NOT be used in the live version. They used here to explain the used commands.

Line	labels	
1	Start-Nedis-E-Mail-Orde	r
2	Start-Actions	
3	Action	:ORDER
4	End-Actions	
5	CustomerCode	:037110
6	Start-DropShip-Address	
7	Name1	:Demo client
8	Name2	:Att. Jan Janssen
9	Address1	:Street 123
10	Address2	:Builing X, Floor 1, Room A
11	City	:Amsterdam
12	PostalCode	:1234XX
13	Country	:The Netherlands
14	EndUserRef	:End user reference
15	End-Dropship-Address	
16	Date	:2011-06-01
17	OrderNo	:123456789
18	Password ELORD	:123456780
19	******	******
20	0021 000003 HQSS1003/2.	5 9.1230 Myremark
21	******	*******
22	Start-References	
23	**Not in use**	



24	End-References
25	End-E-Mail-Order

4.3 Detailed explanation of the labels

Line 1 until 4 (mandatory)

These are mandatory labels, each order <u>must</u> start with these exact lines.

Start-Nedis-E-Mail-Order

Start-Actions

Position 1-16	Position 17-21
Action :	ORDER

End-Actions

Line 5 (customer information)

The customer code that is supplied by NEDIS to identify you.

Position 1-16	Position 17-22
CustomerCode :	123456

Line 7-14 Dropship address information

Here you can set the delivery address in case you want to use drop shipment. This functionality is currently only available in the following country's:

- Netherlands
- Belgium
- Luxembourg
- Spain
- Germany

Start-DropShip-Address

Position 1-16		Position 17-56
Name1	:	High Voltage Electronics

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Name2	:	Att. Mary Jensen (can be used as reference)
Address1	:	Street 123
Address2	:	Builing X, Floor 1, Room A (can be used as reference)

Position 1-16		Position 17-32
City	:	Amsterdam

Position 1-16	Position 17-56
PostalCode :	1234XX
Country :	The Netherlands
EndUserRef	Consumer Reference (Delivery address) Only available in case of a dropshipment is Visible on the packing slip

End-Dropship-Address

If no dropshipment is used please leave the contents empty and your default delivery address will be used.

Line 15 date

This is the order date, format is YYYY-MM-DD

Position 1-16	Position 17-26
Date :	2010-12-30

Line 16 Order reference

Your Order reference (the buyer) e.g. the purchase order number.

It will be printed on the invoice. Please note this is not the end user reference.

End user reference can be added to the field "My remark" in line 19.

Position 1-16	Position 17-31
OrderNo :	123456789

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Line 17 Password

The password that is supplied by NEDIS for validation.

Please note a ELORD password is always 10 digits.

Position 1-16	Position 17-31
Password ELORD :	0003456780

Line 18 divider and start of the order detail section

This line consists of asterisk

Position 1-39

Line 19 (max 999 Lines)

These are the actual order lines.

Pos 1-4 Line number (make a line unique and in the correct sequence)

Pos 6-11 Order quantity

Pos 13-26 The NedisPartnr of the product (order number)

Pos 1-4	Pos 6-11	Pos 13-26
0021	000003	HQSS1003/2.5

Line 20 divider and end of the order detail section

This line consists of asterisk

Position 1-39



Line 21 start of comment section

Postion 1-16

Start-References

Here you can enter new lines of remarks towards the NEDIS sales team. This can hold up to 1000 lines of 80 characters. Your order will be on hold at the sales department where it has to be released manually. Please use this as an exception only.

Line 23 end of comment section

Postion 1-16

End-References

IMPORTANT NOTE.

Use plain text to send the email towards us. Type fronts, HTML, UTF-8 and base64 coding are not allowed and will result in errors.

4.4 Order Posting

Your order will be processed when it is received in the NEDIS mailbox of your local NEDIS office. Please contact you local sales for the correct mail address.

IMPORTANT NOTE.

Please run a final check on price and availability before posting the order using the Real-time Request module. See the previous chapter for more information.

4.5 Order Responses

All responses will be send out the usual way via Plain text or HTML email (like it was a webshop order) this is not subject to change using this order type.

If you want to have structured responses you need to go to the NEDIS XML ordering module. This is expected for delivery Q2/Q3 2013. Please contact our e-commerce team to retrieve more information about this module.



5 Dispatch Advice

5.1 File Location

The Dispatch Advice CSV file is generated on a daily basis and placed at the same location (FTP Server) where the CSV or XML datafeed is posted.

5.2 File Name

The filename is: TrackingNumberList.csv

This file will be overwritten every night with new data.

5.3 File Setup

The Despatch Advice file describes the summary of shipped products. Every line in the file describes a new product, the amount delivered and a code to track the parcel with the transporter.

The file is comma separated and consists of the following information:

Header	Description		
NedisOrderNumber	The order number at NEDIS		
CustomerOrderNumber	Customer Order reference as supplied with creation of the order		
NedisPartnr	NEDIS Product Code		
Quantity	The quantity of delivered items in this parcel		
TrackingNumber	The Tracking number of the parcel		
Date	Shipping Date		

5.4 Example of Contents

"NedisOrderNumber","CustomerOrderNumber","NedisPartnr","Quantity","TrackingNumber","Date"

How to interpret this information:

The first line describes NEDIS order: 4182421 / customer order ref: 2200000311; Shipped in this parcel is 1x HQ-INV600W/12 and the Parcel's tracking number is: 3SNEDS070507565

Lines 3-4-5 are all regarding NEDIS order: 4182335 / customer order ref: 900007351. Shipped in this parcel are 1x CMP-RCT1, 1x CMP-UTP6R100S and 2x CMP-RJ45PL-C6. This parcel can be tracked with the transporter under Track&Trace number: 3SNEDS070018825.

[&]quot;4182421","2200000311","HQ-INV600W/12","1","3SNEDS070507565","2012-05-01"

[&]quot;4182335","900007351","CMP-RCT1","1","3SNEDS070018825","2012-05-01"

[&]quot;4182335","900007351","CMP-UTP6R100S","1","3SNEDS070018825","2012-05-01"

[&]quot;4182335","900007351","CMP-RJ45PL-C6","2","3SNEDS070018825","2012-05-01"

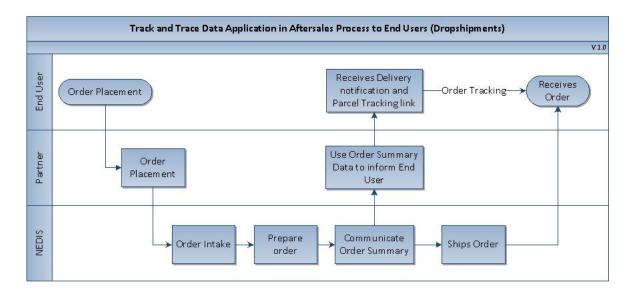


5.5 Data Application in the After Sales Process

The logistical process from shipping an order to receiving the order by our partners or their clients (end users) via drop shipment can be made far more transparent by supplying relevant information in each part of the process. When a purchase order is placed at NEDIS and this is order is processed and ready for shipment we communicate the exact details of the shipment. The contents in each parcel and the option to track the parcel over time through the transporter's distribution centre and along the way to its final destination.

Below:

Schematic overview of the process where Track and Trace data fits in the after sales process.





5.6 Linking to Transport Companies

The Track&Trace codes used in the order summary file can be used to track location and status of parcels via the transporter's website.

5.7 Overview of Track & Trace Applications at Transporter's Websites

Below an overview of links to use per country with optional variables in red.

Country	Link	Transporter	Variables
The Netherlands	https://secure.postplaza.nl/TPGApps/tracktrace/findBy BarcodeServlet?BARCODE= TrackingNumber&ZIPCODE=Postal Code	PostNL	TrackingNumber = Tracking code communicated in CSV Postal Code: postal code of the recipient (known by you)
Belgium	http://www.bpost.be/etr/base/searchdetails.do?method=getDetailsSearchResults⟨=nl&barcode=TrackingNumber	Bpost	TrackingNumber = Tracking code communicated in CSV Lang codes: nl / fr / en / de
Germany	http://nolp.dhl.de/nextt-online- public/set_identcodes.do?lang=de&zip= Postal Code &idc= TrackingNumber	DHL	TrackingNumber = Tracking code communicated in CSV Lang codes: de / en / fr
Spain	http://webtracker.tnt.com/webtracker/tracking.do?re questType=GEN&searchType=CON&respLang=es&resp Country=ES&sourceID=1&sourceCountry=ES&cons= TrackingNumber	TNT	TrackingNumber = Tracking code communicated in CSV

5.8 Example of detailed shipping information from the transporter's website:





6 Questions

In case of questions or issues regarding the NEDIS Connect services please contact:

ecommerce@NEDIS.com



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