

Manual Publications COS PIM

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1 Introduction

This manual explains how to use Compano Online Software for setting up different types of *Publication Structures* and how to update/maintain them.

Publication structures form the basis of all data feeds, such as JSON- and XML-feeds which are used to send data from Compano Online Software to third-party software including websites, web shops, ERP-systems and calculation software.

1.1 Concepts

COS Compano Online Software

Entity

An entity is a data-object in COS, such as Product, Item, Relations, Manufacturer, Suppliers, etc.

Product

A product is a manufactured and often branded object which can be described in technical terms

Item

An item is a (collection of) product(s) which are packaged and priced. An item can be described in logistical terms.

Product group

Product groups are used to group a set of products that share the same information, such as a photo, drawing, etc.

Item group

Item groups are used to group a set of items that share the same information, such as assembly manual, energy label, etc.

Recipe

A recipe is a collection of items from either a purchase or sales assortment that belong together. In addition, a recipe can contain costs (labour, travel), discounts and materials.

Recipe group

A recipe group contains multiple recipes. A recipe can belong to several, different recipe groups.

Attachment

An attachment is any file that is coupled with a product, item, product group or item group. Examples of attachments are images, drawings, instruction manuals, instruction videos, or any other document or file.

Publication

A publication presents product and/or item information in a clear and ordered way. Examples of publications are a catalogue, product website or web shop.

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Publication structure

A publication structure arranges product and/or item information (including any attachments) in **'tree structure'.** This structure can be used to generate a JSON-, XML- or other type of feed to share this information to a website, web shop or catalogue.

Compano Online Software allows for the generation and maintenance of several, different publication structures.

Publication node

The basis for a publication is its 'tree structure'. Each 'branch' of this structure represents a *Publication Node*.

Each publication node either branches into further nodes, or – at the lowest level – contains one or more *Publication Links* of the types Product, Item or Recipe.

Publication-link

A *Publication Link* represents either one Product, Item or Recipe. Publication links are at the lowest level of the **publication 'tree'; you can think of them as 'leaves'.**

Data Feed

A data feed (JSON or XML) is based upon a publication structure and contains structured Product, Item or Recipe information. Feeds are used to exchange information from Compano Online Software to third-party systems.

1.2 Publication example

By creating a Publication, data from COS is structured according to, for instance *Item group* or *Brand Series Type* (see the figure below). By setting *Filter* options, *Publication Links* are generated based on data objects such as *Products, Items or Recipes*. The resulting *Publication Structure* can then be used as the basis for a data feed.

Generate publication			×
Generate publication			
Publication code			
Publication description			
Update	○ Yes ● No		
Structuur	Pasia for public	atio	
Publication structure based on	O Manual Dasis for public	alio	"
	Item group		
	○ Product group		
	O Brand Series Type		
	O Product class		
Generate publication nodes	○ Yes No		
Filter	Type of publication	link	~
Items, Products or Recipes	Item OProduct ORecipes Type of publication	IIIIK	<u> </u>
Assortment			
Item group			-
Manufacturer	-		
Product group			¬
Item Publication	IsWebItem InPublication		
	□IsWebShopItem □IsERP Filter op	tion	s 🛛
	UIsNewDataPool UIsEstimate		
	Create Clo	ose	

Compano Online Software

Alternatively, Publication Nodes and Links can be added (or removed) manually.

Basis for Publication Structure

A publication structure can be made manually, or automatically generated based on existing information such as item group, product group, brand-series-type or product class¹.

For instance, if you choose to generate a publication structure based on *Item Group* and set *Create Publication Nodes* to *Yes*, the structure will contain a publication node for each item group.

Type of publication links

Each node in the publication structure will contain publication links. You will have to choose whether these links are of the type Item, Product of Recipe.

For instance, should you choose to generate a publication structure with publication links of the type Product, then each publication link will represent <u>one product</u>.

Filter

Optionally, you can set one or more filters to further fine-tune the generation of publication links.

For instance, should you choose to set a filter for *Items* with the status *IsWebShopItem*, your publication structure will only contain publications links to items with that status. Any items in your assortment that do <u>not</u> have the *IsWebshopItem* status set, will <u>not</u> be included.

¹ For now, only *ETIM* product classes can be used to generate publication structure.

Settings:

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- Publication structure based on: Product Group
- Assortment: Osram LED lamps
- Type of Publication links: *Product*

Osram

- **NODE:** LED Ball- and Candle lamps (product group level 1)
 - **NODE:** Fitting E27 (product group level 2)
 - LINK: Osram Parathom Classic E27 A | Warm White
 - LINK: Osram Parathom Classic E27 A | Cool White
 - LINK: Etc.
 - **NODE:** Fitting E14 (product group level 2)
 - LINK: Osram Parathom Retrofit Classic E14 B 6.5W 827 Filament | Extra Warm White
 - LINK: Osram Parathom Retrofit Classic E14 P 2.8W 827 Matt | Dimable Very Warm White
 - LINK: Etc.
 - NODE: LED Filament lamps (product group level 1)
 - **NODE:** A Filament (product group level 2)
 - LINK: Osram Parathom Retrofit Classic E27 A Filament
 - **NODE:** 827 Filament (product group level 2)
 - LINK: Osram Parathom Retrofit Classic E14 P 4.5W 827 Filament | Dimable Very Warm White
 - LINK: Etc.
- **NODE:** LED Tubes (product group level 1)
 - o LINK: Etc.



2 Creating a publication

Publications are used as a basis for JSON- or XML-feeds. However, when you need to create a data feed, a publication is *not* mandatory:

Publication + data feed	Data feed only
Exact control over structure	Can be based on products, items, product group
	or item group
Option to delete individual products / items/ recipes	No need for manual update
(fine-tuning)	
Potentially needs to be update manually	

2.1 Publication scenarios

There are several possible scenarios for creating a publication. Which scenario to choose depends on the purpose of the publication. A publication can serve as the basis for a:

- Data feed for a (product) website
- Data feed for a web shop
- Data feed for a (digital) catalogue
- Data feed for an ERP-system, CAT-software, or other third-party applications

A data feed can be either an *XML feed* or a *JSON feed*. Which feeds best suits your needs depends, among other things, on what the receiving party (web design bureau, publisher, etc.) can handle or prefers.

Some things to consider are:

XML

- Feed needs to be actualized manually whenever new products, items or recipes are added to COS;
- Automatic refresh can be set in COS;
- Automatic, periodic upload to third parties (FTP) is an option.

JSON

- Can be a live feed;
- Better suited for exchanging large amounts of data:
 - o Records can be retrieved in batches of 100, 200, or any other set size;
 - Data can be retrieved using several, nested feeds, which limits the amount of data per feed.
 - Extensive filtering options for retrieving data, including *Date since* and *New in Feed*

Publications can either be *generated* based upon a set of parameters or created *manually*.

Another option is to first generate the publication and then manually fine-tune it. The following paragraphs will discuss each method of creating a publication.

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2.2 Generating a publication

Generating a publication is by far the easiest method of creating a publication. The basic structure of the publication can be based on:

- Item group
- Product group
- Brand Series Type
- Product class

Which basic structure to use, depends on your situation and is best left to the Compano consultant.

To generate a new publication structure:

1. Navigate to Menu > Publications.

Publications		Menu	View	Edit	t Fur	ctions	Print			
	3	.	[44]]	.	G .	8		?	P
Contacts	Product	s Items	Publicat	ions	ETIM	System	My det	ails	Help	Logout

2. Under *Edit* click on the *Generate publication* button:

Publications	Menu View	Edit	Functions	Print				
	- 9		×			1904 1	?	
	Search	Modify	Delete recor	d (s) Copy		Generate publication	Help	
Navigation	۲	A Co	de	Description	n	4		
Publication n	odes Level 1 (176)				1	/		
Publicatie no	des (176)			1.00			1	
Publication le	vel definitions (1)				1			
Publication li	nks (1673)				-			
Edit	۲		Ge	enerate a	n	ew publication		
Modify						1000		
Delete record	1 (s)				2			
Сору			/	-				
Paste				-				
Generate put	plication				i			

3. Depending on your needs, fill in the parameters on which the publication structure should be based. <u>Note</u>: In this example we will create a structure for web shop items, based on product groups:

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Generate publication						×
Generate publication						
Publication code	PUB_NEW					^
Publication description	New publication	(example)				
Update	🔾 Yes 🔘 No					
Structuur						
Publication structure based on	OManual					
	O Item group					
	Product group	<mark>,</mark>				
	O Brand Series	Туре				
	O Product class					
Generate publication nodes	● Yes ○ No					
Filter						
Items, Products or Recipes	Item		ORecipes			
Assortment					- 💥	
Item group						
Manufacturer					- 💥	
Product group					-	
Item Publication	IsWebItem			ation		
	IsWebShopIter	n				
	□IsNewDataPool		□IsEstim	ate		
						•
				Create	Close	

- a. Publication code: Type a publication code. This code will be used to refer to the publication structure, for instance when calling a data feed. <u>Note</u>: Keep the code simple and use CAPITALS and underscores for easy reference.
- b. Publication description: Type a description for the publication. For instance, to indicate what the structure is used for.
- c. Update: When generating a *new* publication structure, set this option to *No*. For further information on this setting, see chapter <u>6. Publication maintenance</u>
- 4. Next, choose the settings for the *publication structure*:

Generate publication			×
Generate publication			
Publication code	PUB_NEW		-
Publication description	New publication (example)		
Update	○ Yes ● No		
Structuur Publication structure based on	Manual Manual Item group Product group Brand Series Type Product class	ucture	•
Generate publication nodes			
Filter			
Items, Products or Recipes Assortment	● Item		
Item group		-	
Manufacturer	- X		
Product group		*	
Item Publication	□IsWebItem □InPublication IsWebShopItem □IsERP IsNewDataPool IsEstimate		•
	Create	lose	

a. Publication structure based on: Choose on which existing structure the publication will be based:

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- i. Manual: Use this option if you need to set-up the structure by hand. For an explanation of manually creating a publication structure, see the next paragraph: Manually creating a publication
- ii. Item group: Use the structure of the item groups as a basis for this publication.
- iii. Product group: Use the structure of the product groups as a basis for this publication.
- iv. Brand Series Type: Use the structure of Brand, Series and Type as a basis for this publication.
- v. Product class: Use the *ETIM Product Classes* as a basis for this publication.
- b. Create publication nodes: If set to *Yes* this will generate publication links to actual ltems, Products or Recipes; depending on the settings of the Filter. <u>Note</u>: Only set this option to *Yes* when you are creating a publication structure, or if you need to update an existing publication structure, for instance because a new product group has been added. <u>Warning</u>: Never update a manually altered publication, as updating will add (new) nodes and publication links based on the settings in Structure and Filter.
- 5. Next, set the options for the *Filter*, to determine which publication links are coupled to the structure:

Generate publication						\times
Generate publication						
Publication code	PUB_NEW					^
Publication description	New publication (example)				
Update	🔾 Yes 💿 No					
Structuur						
Publication structure based on	O Manual					
	◯ Item group					
	Product group					
	O Brand Series Ty	/pe				
	O Product class					
Generate publication nodes	● Yes ○ No					
Filter			F 3		- the set of the last	
Items, Products or Recipes	Item		O Recipes	ters for the pu	blication link	S
Assortment					- 💥	
Item group						-
Manufacturer	and state				- 🗙	
Product group						7
Item Publication	IsWebItem			ation		
	IsWebShopItem					
	∐IsNewDataPool		□IsEstima	te		
						-
				Create	Close	

- a. Items, products or recipes: Choose the type of publication link that will be generated, either links to individual Items, Products or Recipes.
- b. Assortment: Add only links from this assortment. <u>Note</u>: If you chose to base the structure on *Item Group* then you are *required* to select an *Assortment*.
- c. Item group (optional): Add only links from this specific item group
- d. Manufacturer (optional): Add only links from this specific manufacturer. <u>Note</u>: If you chose to base the structure on *Product Group*, *Brand Series Type* or *Product class* then you are *required* to select a *Manufacturer*.
- e. Product group (optional): Add only links from this specific product group
- f. Item publication (optional): Add only links to items with this status or this set of combined statuses (multiple selection). Note: In this example this option is used to select only items with the *IsWebshopItem* status.

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6. Once you set all filters correctly, click on the *Create* button. Depending on the number of links that will be created, this might take a while:

	🗐 Generate publication	×	
	You have to wait for the result.		
IJ			l
			l
			l
			l
1			l
			l
1	OK		
			J

After the Publication has been created, you will receive a report detailing the number of publications and links that have been generated, for instance:

Bron								
Gebruiker	All all threads							
Publicatie	DEMOPUB							
Datum	3-3-2017 11:33							
Inleiding								
In dit rappo	ort staat de impact van de hie	rboven genoei	mde actie i	n detail uitgev	verkt. Dit rapport	bestaat uit verschil	ende onder	rdelen:
1. Hierond	er de totalen van de mutaties	per bestand.						
2. Overzich	nt van de 1 nieuwe publicatie	5						
3. Overzich	nt van de 4 nieuwe publicatie	niveau definiti	es					
4. Overzich	nt van de 957 nieuwe publicat	ies						
5. Overzich	nt van de 138937 nieuwe publ	icatie links						
	Totalen							
		Aangeboden	Verwerkt	Toegevoegd	Totaal mutaties			
	Publicaties	1	1	1	1			
Publicatieniveau definities		0	4	4	4			
Publicaties		957	957	957	957			
	Publicatie links	138937	138937	138937	138937			
< > S	amenvatting Nieuwe Publicaties	Nieuwe Publica	itieniveau defin	it Nieuwe Pul	blicatie nodes Nieu	we Publicatie links	(+)	

2.3 Manually creating a publication

To manually create a publication:

1. Go to Menu > Publications.

Publications	View 🔪 Edi	t Fun	ctions	Print			
X 🧊	. &.	į.h.	₿.	G .	٤.	0.	
Contacts Product	ts Items	Publications	ETIM	System	My details	Help	Logout

2. Under *Edit* click on the *Generate publication* button:

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Publications Menu View	Edit Fun	octions Print		
• •				. ⑤
Search	Modify Delet	e record (s) Copy	Generate publication	Help
Navigation 🛞	Code	Description	1	
Publication nodes Level 1 (176)		Generate a 1	new publication	
Modify			A	
Delete record (s)		/		
Сору				
Paste		-		
Generate publication				

3. Structure: Next, in the pop-up window, choose the settings for *Manual*.

Generate publication			×
Generate publication			
Publication code	PUB_001		
Publication description	Manual publication for products		
Update	○ Yes No		
Structuur			
Publication structure based on	Manual		
	O Item group		
	O Product group		
	○ Brand Series Type		
	O Product class		
Create publication nodes			
Filter			
Items, Products or Recipes	O Item Product Recipes		
Assortment	. *		<u>^ </u>
Item group		-	- I
Manufacturer	- X		
Product group			all
			-
	Create Clos	e	

- a. Publication code: Type a publication code. This code will be used to refer to the publication structure, for instance when calling a data feed. <u>Note</u>: Keep the code simple and use CAPITALS and underscores for easy reference.
- b. Publication description: Type a description for the publication. For instance, to indicate what the structure is used for.
- c. Update: When you are creating an *empty* publication structure, set this option to *No*.
- d. Create publication nodes: Set this option to Yes.
- 7. Items, Products or Recipes: Even though you are creating an empty publication, you will need to specify if the eventual (manually added) publications links are of the type Item,

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Product or Recipe. For instance, if your publication is based on Products, you can only add publication links of the Product type.

- 8. The other Filter settings will have no effect as a manually created Publication will always start as an *empty* publication; i.e. levels, nodes and links are added manually.
- 9. Next, click on the *Create* button; this will create the empty Publication:

Publications Menu View	Edit Functions Print
Filter	Search All Details Screen Layout Help
Navigation 🛞	Code Description
Publications (0)	PUB 001 Manual publication for products
Publicatie nodes (0)	Empty publication
Publication level definitions (0)	
Publication links (0)	A ALC MARK TOTAL TOTAL OF MAL
Edit 🔊	And an Infill and an Infil

2.3.1 Publication levels

Once you have created the (empty) Publication, you can start structuring it by adding *levels*, *nodes* and *links*. However, before you can start with adding publication levels, you will need to define the layering of these levels:

To define the following layering:

Main level	
Main level 1	
Sub lev	'el
	Sub level 1
	Sub level 2
Main level 2	
Sub lev	'el
	Sub level 1
	Sub level 2
Etc	

1. Select the manually created Publication and under *Navigation* click on *Publication level definitions*.



2. Under *Edit*, use the *+Add* button to start adding Publication levels:

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3. In the pop-up screen, fill in the required fields:

Add - New publication level definition to publication Test for manually (PUB_manually)				
Publication level definition				
Level	1			
Singular	Main level			
Plural	Main levels			
Selected layout		•		
	Save	Cancel		

- a. Level: The new level is automatically assigned a number; or you can type your own number.
- b. Singular (required): Type a name² for the level, singular
- c. Plural (required): Type a name for the level, plural
- d. Selected layout (optional): Select a print lay-out. <u>Note</u>: This option has not been implemented yet.
- 4. Keep adding as many levels and sub-levels as you will need; the number of levels and their organization will determine how your structure is layered:

-	Level Singular	Plural
	1 Main level	Main levels
	2 Sub level	Sub levels

Example

To give an example from the field, the Publication below contains a main level of several *Solutions* and each Solution will contain one or more *Product groups*.

-	Level Singular	Plural
	1 Solution	Solutions
	2 Productgroup	Productgroups

² Note: the names (singular and plural) that you type will be used in the navigation box in the left side panel of the Compano software for easy navigation.

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At the main level *Solutions* there is a total of 2 Solutions:

Publications Menu View	Edit Functions Print
▶ .	• 🔍 🔲 🕕 👖 🕇 🕜 🗸
Filter	Search All Details Help
Navigation 🛞 🖆	Code Description
	BLAR, AL WINPOW Address from
Fir	st, main level: Solutions
Publicatie nodes (373)	Reading the set of the
Publication level definitions	BR000 Enter of tables at Filmlan
(4)	Read () Road for balance publication (mps)
Publication links (1767)	Refer. J Rose of Salaria publication
	Read of the second seco

At the second level, the solution *Energy/District Heating* contains 20 *Product groups*.

🔦 Publication 🛛 Menu	View	Ec	lit Functions Print	: Tmport /	Export > Publication:
		≁	2 🗙		. ? .
	Search	Add	Modify Delete record (s)	Line edit on	Copy Help
Navigation	\otimes	-	Sequence CPK	Code	Description
			1	BI	Building Installations
Productgroups (20)			2	<u>EDH</u>	Energy/District Heating
Publication field (0)					

These are:

 Sequence 	СРК	Code	Description
> 100	EDH	4121	Steel ball valves - DN10-50 - Full bore, PN25
101	EDH	4122	Steel ball valves - DN10-50 - Full bore, PN25
102	EDH	4123	Steel ball valves - DN10-50 - Full bore, PN25
103	EDH	4124	Steel ball valves - DN10-50 - Full bore, PN25
104	EDH	4125	Steel ball valves - DN10-50 - Full bore, PN25
110	EDH	EDH.FBV	Floating ball valves
120	EDH	EDH.TMV	Trunnion mounted valves
130	EDH	EDH.FMSV	Flexible main stop valve
140	EDH	EDH.SV	Steam valve
145	EDH	EDH.HTV	Hot tap valves
150	EDH	EDH.BV	Branching Valves
155	EDH	EDH.SBV	Steel ball valves
160	EDH	EDH.PIFBB	Pre-insulated floating ball valves
170	EDH	EDH.ACC	Accesoires
175	EDH	524	- Accessories - BROEN Gear - DN200-700RB
180	EDH	526	- Accessories - Planetary Gear
185	EDH	<u>626</u>	- Accessories - Planetary gear
190	EDH	15 2 6	- Accessories - Planetary Gear - DN150-500
200	EDH	<u>13 3 6</u>	- Accessories - Mobile Gear
205	EDH	<u>13 3 8</u>	Pre-insulated Ball valves - Accessories - Gear - DN100-400

2.3.2 Adding publication nodes

Once you have created the publication levels, you can then add publication nodes to each level:

- 1. Select the Publication.
- 2. Under *Navigation*, navigate to publication level to which you want to add Publication nodes, in this example *Main levels:*

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3. Under *Edit*, click on *+Add*.

📄 Add - New publica	Add - New publicatie node to publication Test for manually (PUB_manually)				
Publicatie node Style Image Full Description Translations					
Sequence	1				
Code	MAIN_1				
Description	Main leve	rel 1			
Report layout					
Selected layout				۲	
			Save	Cancel	

- a. Sequence: The sequence number is automatically increased
- b. Code: Type a code for the publication node. This code can be used to refer to the publication node, for instance when calling or filtering a data feed. <u>Note</u>: Keep the code simple and use CAPITALS and underscores for easy reference.
- c. Description: Type a description for the publication node. This can be used to indicate what the node is used for.
- 4. Next, click on *Save*, then keep adding as many nodes to this level as you need.

<u>Important</u>: Publication nodes can be added to *any* level of the Publication. For instance, to add nodes to *Sub levels*, simply navigate to Sub levels and follow the same procedure as above:

🔦 Publication 💧	Menu View	Edit	Functions Prin	nt 🔨 Import / E	xport » Publication:Tes
	• Q	+	2 🗙		- 0 -
	Search	Add M	odify Delete record (s	s) Line edition C	ору Неір
Navigation	\otimes	<u> </u>	Sequence CPK	Code	Description
Sub levels (0)			1	MAIN 1	Main level 1
			2	MAIN 2	Main level 2
Publication field	(0)		Navigate to s	ub levels to	add more nodes

<u>Note</u>: The tree structure of your publication is visible in the right side-panel of the Compano application, under *Quick Navigation*. Please ignore the *Underlying publication node* entry as this is not part the of publication structure you created:

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<u>Note</u>: Apart from the basic information needed to create publication levels and nodes, you can also add extra information on the tabs Style, Image, Full description and Translations. For a detailed explanation, see chapter <u>Fout! Verwijzingsbron niet gevonden.</u> <u>Additional options</u> in this manual.

2.3.3 Removing publication nodes

Individual publication nodes can also be removed manually:

1. Through the Menu go to Publications:



- 2. Navigate to the level which contains the node(s) you need to remove.
- 3. Select to the node to be removed and under *Edit* click on *Delete record(s)*. <u>Note</u>: you have the option to select multiple nodes and remove them at the same time.
- 4. In the pop-up window, confirm that you want to delete the publication node(s):



2.3.4 Editing publication nodes

Using the *Modify* function you can change the Sequence, Code or Description of publication levels and nodes:

1. Through the Menu go to Publications:

🔦 Publicatie nodes		des	Menu Vie	ew Edi	t Fund	ctions Pri	nt	Imp	ort / Export
	3.	æ.	14	₿.	G .	ತ್ರ .	0		P
Contacts	Products	Items	Publications	ETIM	System	My details	Help		Logout

- 2. Navigate to the level which contains the node(s) you need to edit.
- 3. Select to the nod and under *Edit* click on *Modify*.

🔦 Publication 🛛 Me	nu View	Edit Fund	ctions Print	Import / Expo	ort » Publicatio
⋟	•		()	. 🕐 .	
Filter		Search All	Details Aalberts	Help	
Navigation	*	 Sequen 	ce CPK	Code	Description
			1 <u>MAIN 1</u>	<u>SUB 1 1</u>	Sub level 1.1
Edit	(1)		2 <u>MAIN 1</u>	<u>SUB 1 2</u>	Sub level 1.2
Add					
Modify	1				
Delete record (s)					

4. In the pop-up window, edit the fields that you need to change, for instance the *Sequence* number:

Edit - Sub level 1.2 (SUB_1_2)			
Publicatie node Style Image Full	Description Translations		
Sequence	2		
Code	SUB_1_2		
Description	Sub level 1.2		
Report layout			
Selected layout			✓
		Save	Cancel

2.3.5 Copying publication nodes

Publication nodes can be copied using the standard copy and paste shortcuts CTRL-C and CTRL-V. You are allowed to copy and paste from one node to another, even if these nodes are on different levels.

<u>Note</u>: Should you have added any attachments to a node (see chapter <u>5 Attachments</u>) then you will need to copy these attachments to the copied node separately (!).

2.4 Fine-tuning a publication

A common practice is to first generate a publication based upon a certain set of parameters as mentioned in paragraph <u>2.2 Generating a publication</u> and then *fine-tune* the resulting publication as needed. This is a time-saving procedure when only a part (or parts) of the publication needs to be altered.

All methods mentioned in paragraph <u>2.3 Manually creating a publication</u> can be used for this finetuning process: adding, removing, editing or copying levels and/or nodes.

3 Adding links to publication nodes

Links to products, items or recipes can be added to a publication node. This can be done either:

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- 1. Manually
- 2. Generated based on group code

3.1 Adding individual items, products or recipes links

Adding individual publication links for items, products or recipes can be used for populating a manually created publication, or for fine-tuning a generated publication. <u>Note</u>: You can only add publication links of the type that was specified at the moment of creation of the publication structure. See chapter <u>2 Creating a publication</u>.

Example

The explanation below will be based on the example of *adding individual publication links to two items*. However, the same method can be applied to adding a links to products or recipes.

To add a publication link:

1. Navigate to the level of the publication where you want to add the publication link. <u>Note</u>: to navigate you can either use the Quick Navigation the in the right side-panel, or the Navigation menu in the left side-panel:





<u>Note</u>: You will find *two* entries to publication links under Navigation. The first, *Publication link*, contains the publication links at the level of the selected node, the second, *Publication links* (plural!) contains an overview of *all* publication links of *all* underlying publication nodes.

2. Once at the correct level, under Edit, click on +[link type]. In this example: +Add item:

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3. The next screen will present you with an overview of available Items:

† 11	em selectio	n View							
Filter	Be aware, active!	there is a filte	Er Search All	Details	Select Item D	eselect Clear	Transfer Stop	🕜 🗸	
A	Supplier	Item no.	GTIN	GTIN Fabrikan	nt #CB	SCode Item	description	Group Code Item group	Image
	-	<u>6350938</u>	05414764126435	0541476412643	35 8203	34000 Wheel 63mm	cutter 14mm to		
		<u>6350949</u>	05414764126329	0541476412632	29 7320	09090 Kalisp K and	eed,metal,for KS- electric drills Ø32	2	Non B
		<u>6350951</u>	05414764126336	05414764)2633	36 7320	09090 Kalisp Kand	eed,metal,for KS- electric drills Ø40		Stand B
	0.010	<u>6350971</u>	05414764126343	0541476412634	43 7320	09090 Kalisp electri	eed for KS-K and c drills Ø50		-
4									
	Number of S	Supplier	C Condition	Item no. Abl	breviation	Item descrip	tion Pu	urchase / CU	Total
	1.00		-	<u>6350949</u> pce		Kalispeed,met K and electric	al,for KS- drills Ø32 • S	hopping Baske	t'
	1.00		-	<u>6350938</u> pce		Wheel cutter 1 63mm	4mm to		-

- a. Use the Filter and Search options to find the Items you want to add.
- b. Select one or more items (1) and use the +Select Item button to add them to the 'shopping basket' at the bottom of the screen.
- c. Click the Transfer button to add the items in your shopping basket as publication links to your node:

🔦 Publication link 🗌 Menu	Vie	ew Edit Print	Import / Export	» Publication: T	est for manually (P»	Publicatie node:Main level	1 (MA	
⋟.	•	۹ 🗐 🚺	. ?	-				
Filter	5	Search All Details	Help					
Navigation 🛞	4	Source	Publication	СРК	Publication	Sequence Product	Product	Item
Publicatie node:Main		Manual	PUB manually		MAIN 1	1 <u>KS32M</u>	Kalispeed, metal, for KS- K and electric drills Ø32	<u>6350949</u>
E Publication Test for manually		Manual	PUB manually		MAIN 1	2 <u>RS63</u>	Wheel cutter 14mm to 63mm	6350938
(PUB_manually)								

4. Repeat this procedure for any other nodes to which you want to add items (or products, or recipes).

Adding a group of products or items links 3.2

Example

The explanation below will be based on the example of adding a group of items. However, the same method can be applied to adding a group of products.

3.2.1 Manually adding links to a group

To manually add publication links to a group of items:

1. Navigate to the level of the publication where you want to add the items of the item group. Note: to navigate you can either use the Quick Navigation the in the right side-panel, or the Navigation menu in the left side-panel:



- 2. Next, under Navigation, click on Publication link.
- 3. On the next screen, click on +Add Item

🔷 Publication link 🛛 Menu	View	Edit	Print	Import / E	xport	» Publicat
▶.	- Q		(2	•
Filter	Sear	rch All	Details		Help	
Navigation 🛞	- S	ource		Publica	ntion	СРК
Publicatie node:Sub I						
Publicatie node:Main level 1						
Publication:Test for manually (PUB_manually)						
Edit 🛞						
Add item						
Add Recipe						
Modify						

4. You will be presented with an overview of all available items. Use the Search and Filter options to select and add the items from the item group. For instance, to add all items from the item group with code 10 1 2 use these Filter settings:

»				-	6						
Filter	Search All	Details	Select Item		t Clear Transfe	er Stop	Help				
Supplier	ст/	A Item no.	Image Item description	1	Is web item	Webs	hop Item				
	-	<u>0400224</u>									
	u	<u>0400334</u>									
	e	<u>0400554</u>	Filter								
100 C	e	<u>0400664</u>				A distant a	and A three define	Ide Translations			
and the second sec	•	<u>0400774</u>	Item Product Clas	ssificatio	n Prices	Additio	onal User der fie	ids Iransiations			
and the second sec	e	0400884	Supplier	1	equal	•				•	
Martine State	u	0400994	Item Number	1	start	•					
	-	0400323	Short description		start	•					
	u	0400532	Item description		start	•					
	u	0400653	Commercial description	0	containo						
	-	<u>0400752</u>			contains						
100 B	u	<u>0400763</u>	lechnical description		contains	<u> </u>					
	-	<u>0400873</u>	Description 1		start	~					
and the second second	u	<u>0400983</u>	Description 2		start	~					
And and a second second	-	0401324	GTIN	i	start	•]			
	-	0401533	Own item number	i	start	•					
	-	0401654	Division								
	.	0401764	Assortment	i	equal	~				•	
	.	0401874	Condition group code	-	start	-					
	W	0401984	Group Code	•	otart		0 1 2				
and the second s	W	0402204	Crown (creater data)		Start						
and the second s	<u> </u>	<u>0402215</u>	Group (masterdata)		equal	_				·	
and the second s	u	0402303	LIKO code		start	~]			
	u	0402325	Purchase								-
Number of Supplier	C Condition	Item no.					Apply	Clear	Empty and close	Save as	

5. Once you have found the correct items, select them using the *All*-button (1), then add **them to the 'shopping basket' using the +***Select item* button and then *Transfer* them (3) to create the publication links:

Item selection View Be aware, there is a filt active!	er Search All	Details TEMP check	iswebiter	m Select Item Dese	lect Clear Tra	3 Insfer Stop Help
Supplier	СТА	Item no.	Image	Item description	Is web item	Webshop Item
Broen A/S (Danmark)	-	<u>68602020 000</u>		BROEN Ballomax Hot tap valve - DN20-40, PN25		
Broen A/S (Danmark)	-	<u>68602025 000</u>		BROEN Ballomax Hot tap valve - DN20-40, PN25		
Broen A/S (Danmark)	-	<u>68602032 000</u>		BROEN Ballomax Hot tap valve - DN20-40, PN25		
Broen A/S (Danmark)	-	<u>68602040 000</u>		BROEN Ballomax Hot tap valve - DN20-40, PN25		
Number of Sunnlier	C Coudition	Ttem no. Ab	breviatio	nn Item descrintic	n Pu	rchase / Cli Total
1.00 BROEN DK	-	<u>68602020 000</u> pc	2	BROEN Ballomax tap valve - DN20 PN25	Hot -40,	
1.00 BROEN DK	• •	<u>68602025.000</u> pc	3	BROEN Ballomax tap valve - DN20 PN25	Hot -40, 'Sh	opping basket'
1.00 BROEN DK	-	<u>68602032.000</u> pc		BROEN Ballomax tap valve - DN20 PN25	Hot -40,	
1.00 BROEN DK	-	68602040 000 pc		BROEN Ballomax tap valve - DN20	Hot -40,	

6. The result will look something like this:

🔦 Publication link 🛛 Menu	View	Edit Prin	t VImport / Export	» Publicat	ion:Test for manually (P.	» Publicatie node: Main level	1 (MA » Publicatie nod	le:Sub level 1.2	(S
Filter	→ ○ Sea	rch All Deta	ails aalberts	-					
Navigation 🛞	^ 5	ource	Publication	СРК	Publication	Sequence Product	Product	Item	Item
Publicatie node:Sub I	Þ	tanual	PUB manually	<u>MAIN 1</u>	<u>SUB 1 2</u>	1 68602020 000	BROEN Ballomax® Hot tap valve - DN20, PN25	<u>68602020 000</u>	BROEN Ballomax Hot tap valve - DN20-40, PN25
Publicatie node:Main level 1 (MAIN_1)	P	tanual	PUB manually	<u>MAIN 1</u>	<u>SUB 1 2</u>	2 68602025 000	BROEN Ballomax® Hot tap valve - DN25, PN25	<u>68602025 000</u>	BROEN Ballomax Hot tap valve - DN20-40, PN25
Publication:Test for manually (PUB_manually)	P	tanual	PUB manually	<u>MAIN 1</u>	<u>SUB 1 2</u>	3 <u>68602032 000</u>	BROEN Ballomax® Hot tap valve - DN32, PN25	<u>68602032 000</u>	BROEN Ballomax Hot tap valve - DN20-40, PN25
Edit 🛞	P	tanual	PUB manually	<u>MAIN 1</u>	<u>SUB 1 2</u>	4 68602040 000	BROEN Ballomax® Hot tap valve - DN40, PN25	<u>68602040 000</u>	BROEN Ballomax Hot tap valve - DN20-40, PN25
Add item									

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4 Additional options for publication nodes

Any publication level or node can contain additional information, such as HTML-styles or attached images. This information can be maintained on additional tabs in the Edit window of a level or node:

Edit - Sub level 1.2 (SUB_1_2)		
Publicatie node Style Image F	Il Description Translations	
Sequence Code	2 Tabs for additional information	
Description	Sub level 1.2	
Report layout		
Selected layout		~
	Save	Cancel

4.1 Style

On the *Style tab* a limited number of HTML styling tags can be added to the publication level or node:

Edit - Sub level 1.2	(SUB_1_2)		
Publicatie node	Style	Image Full Description Translations	
Table Width		100.00	
Header Line Height		12.00	
Header Tekst Color			
Header Background C	olor		
Rows Line Height		10.00	
Rows Text Color			
Rows Background Cold	or		
		Save	ancel

These tags, including their settings/values, will be exported when using the *Export Guideline* ³option under Functions:

Publications Menu View	Edit Functions Print
pub 🗸	◎ 123 2
Search	Export publication Export Guideline Renumber Help
Navigation 😣	▲ Code
The Main Javala (2)	PUB manually Test for manually
Main levels (2)	PUB 001 Manual publication for products
Publicatie nodes (7)	A CONTRACTOR OF A CONTRACTOR O
Publication level definitions (3)	AND THE REAL PROPERTY AND AND A
	Research the first shares and the
Publication links (6)	second to shall be a second se

³ <u>Guideline</u> is a database publisher based in Belgium.

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In future these styling tags may be exported in any data feed based upon the publication and can thus be used by a web designer or catalogue publisher to format content.

4.2 Images

On the *Image tab* an Image and optional Image caption can be added to the publication level or node:



To add an image to a level or node, simply upload and select an image from your PC or enter an external link, such as: <u>https://mycompano.com/products/324987234.jpg</u>.

<u>Note</u>: Any image(s) only shows at that specific node; i.e. underlying nodes do *not* inherent any images.

4.3 Full description

Should you need to add any additional text to the publication node, for instance a general description of the product group, you can do so on the *Full Description* tab:

Edit - Sub level 1.2 (SUB_1_2)								
Publicatie node Style Image Full Description Translations								
🔁 🐡 Ω - 🐰 🗈 😩 🤊 - 🤄 🧠 🖏 🖏 🚳								
B I 및 abe 書 書 〓 ■ ■ x* × /= 外 泳 律 詳 田 田 🔯 😣 😣								
"Open Sans", • 14px • A • 🖏 • Apply CSS Cl •	Formatting options							
📓 🛫 📓 🖉 💿 💽 Insert field 📲 🗊 • 🏥 🗰 🐄 🔠 💷 👔 💷 💷 🔛 👔 📰 🖉								
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ac varius dui. Etiam vestibulum consequat mi, id placerat ipsum portitor in. Aliquam interdum purus eu dolor ullamcorper, et cursus augue ullamcorper. Sed molestie ligula et nunc rutrum interdum. Pellentesque nunc lectus, placerat nec risus quis, tincidunt venenatis nibh. Duis scelerisque ex lorem, non viverra risus blandit maximus. Etiam vitae consectetur augue. Sed a ex id purus ultrices placerat. Suspendisse dignissim diam vel fringilla tempor. Suspendisse luctus, ipsum eget semper malesuada, ipsum tortor mattis eros, non volutpat erat orci eu eros.								
Save	Cancel							

<u>Note</u>: The text can be formatted using the buttons in the editor bar. This will insert simple HTML tags that will be exported in the data feed and can thus be used by a web designer or catalogue publisher to format content.



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4.4 Translations

On the *Translations* tab, translations of the Publication level or node (short) *Description* and *Full Description* can be added. To change a *Description*, first remove the checkmark at *Automatic*⁴:

Edit - Main level 1 (MAIN_1)						
Publicatie node Style Image Ful	I Description Translations					
Translations English (United Kingdom) (Standard)						
Description	Main level 1					
Information	The quick brown fox jumps over the lazy dog.					
Translations Czech (Czech Republic)						
Description	Hlavní úroveň 1	🗌 Automatic				
Information	Rychlá hnědá liška skočí přes líného psa.					
	Automatic					
Translations Danish (Denmark)						
Description	Main level 1	🗹 Automatic				
Information	The quick brown fox jumps over the lazy dog.					
	✓ Automatic		11			
	Automatic					
Translations German (Germany)	Main Javel 1	Z Automatia				
Description		Mutomatic	-			
		Save	Cancel			

- a. Description: Translation of the field *Description* (Publication node tab)
- b. Information: Translation of the field *Full Description* (Full Description tab). <u>Note</u>: Formatting can be added by using (simple) HTML-tags, such as , , etc.

5 Attachments

Attachments can (and will) be added to publication nodes. How attachments are added, depends on the type of publication: generated or manually created.

More information on adding attachments, defining attachment types and inheritance of attachments can be found in the *COS PIM Manual Adding Attachments*.

5.1 Generated publications and attachments

When generating a publication based on either product group or item group, any attachments that have been added to these groups will be 'copied' to the corresponding publication node. Thus, there is no need add any attachments to the node manually.

⁴ When the *Automatic* check box is checked, the translation will automatically fall back to the Standard (default) language of the application. In the example above, this is the English (UK) language.

5.2 Manually created publication and attachments

Manually created publications differ in that they usually contain *manually* created 'group' nodes. Attachments to these 'group' level nodes need to be added manually:

1. Through the Menu go to Publications:



- 2. Navigate to the level which contains the node where you want to add the attachment.
- 3. Select the level or node in the list and under Navigation click on Attachment:



- 4. On the next screen, under *Edit* click on *+Add*. <u>Note</u>: do NOT use *+Attachments*
- 5. A popup window will open where you can add the attachment:

🔦 Attachment Menu View Edit Import / Export > Publication: Test for manually (P > Publicatie node: Main level 1 (MA > Publicatie node: Sub level 1.2 (S							
Filter	Search All Details Aalberts Help						
Navigation 🛞	Description File	Source	Туре	Extensie	Sequence no Language	Description	Title
Publicatie node:Sub I	Add - New attachment to publicatie nod	ie Sub I	evel 1.2 (SUB_1	2)			
Publicatie node:Main level 1	Attachment						
Publication: Test for manually	Sequence no		1				
(PUB_manualiy)	Description						
Edit 🛞	File		X				
Add	Special						
Attachments -	Title						
Modify	Language					- Ж	
-	Version						
Delete record (s)	Attachment Type		LNK	Deeplink			•
Сору	Source		LOG	Logo			
Paste	Confidential	i	MAN	Instructions			
			MTE	Installation- & mainten	ance document		
		_	OTA	Other Attachments			-
			OTD	Other document			

- a. Sequence: Type the sequence number here. This sequence number can be used on, for instance, a web shop to determine the order in which the attachments are displayed.
- b. Description: Type a short description indicating what the attachment represents.
- c. File: Either upload and select a file from your PC or enter an external link to the attachment, such as: <u>https://mycompano.com/products/324987234.pdf</u>
- d. Title (optional): Type a title for the attachment. This title could be used can be used on, for instance, a product website as a caption for an image.

- e. Language (optional): Select a language if relevant, otherwise leave blank when the attachment is multilingual. For example, an energy label could be language-specific; you would then add separate attachments for each language.
- f. Version (optional): Enter a version number if need to keep track of different versions of the same attachment.
- g. Attachment Type: Choose the right attachment type from the drop-down list. <u>Note:</u> you are allowed to add your own attachment types to this list.

6 Publication maintenance

In certain scenarios publications need to be maintained, especially if new products, items or recipes have been added, or if new levels or nodes have been added (manually).

6.1 Updating publication links⁵

In your Publication the publication links can have been generated according to one of these two scenarios:

- Based on (manual) publication structure: With *Create publication nodes* set to *Yes* (see paragraph <u>2.2 Generating a publication</u>), publication links for all products, items or recipes are added to the publication structure. This means that, whenever new products, items or recipes are added to the application, the publication needs to be updated, so as to generate links for this additions.
- 2. Based on Product or Item Group: If the Publication structure is based on either Product or Item group and *Create publication nodes* was set to *No*, then new products or items which have been added to the application will be automatically retrieved by any data feed based upon the publication.

6.2 Updating publication structure

Whenever the basis for your publication structure changes, for instance new product groups are added, or you introduce a new series or type, the publication structure needs to be updated:

1. Through the Menu go to Publications:



- 2. Select the publication that you need to update and under *Edit* click on *Generate publication*.
- 3. In the pop-up window:

⁵ Whether your publication needs to be updated also depend on how publications and data feeds based upon them have been set up. Your Compano consultant can inform you about the best update practice for your set up.

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Filter	Search All	Details Help					
Navigation 😵	▲ Code	Description		Level Source			St
Edit 🔗	a second	E Generate publication					te
Madify		Generate publication					te
- Houliy	BR000	Publication code	BR000			^	
Delete record (s)	BR000_1	Publication description	Website publication				
Сору	BR000 2	Publication	Website publication (BR000)		٣		
n Deste	BR000 3	Update	● Yes ○ No				Tre
Paste	BR000_4	Publication structure based on	Manual				m
Generate publication	BR000 5		Item group				re
nctions 🔗	a interest		Product group				re
	10.00		Brand Series Type				re
Export publication	- 14		Product class				re
Export Guideline		Filter	Ves O No				re
23 Renumber		Items, Products or Recipes	Item Product Recipes				re
	_	Assortment		- 26			te
rint 🛞		Item group			*		in the
#PublicationLevel2		Manufacturer	All all a design of the second		-		re l
		Product group			٣		
Printing options				Create Clos		_	ce

- a. Update: Set this option to Yes
- 4. Create publication nodes: set this option to *Yes* to update the information of existing nodes AND add any new nodes for, for instance, new product groups. <u>Warning</u>: Leave this option set to *No* when updating manually fine-tuned publication structures. Otherwise, any nodes that you had removed manually will again be added (!)
- 5. Click on *Create* to update the publication. <u>Note</u>: even though the button is labeled 'Create', you will be *updating* the Publication.

7 Export publication

Publication are mostly used as a basis for data feeds, however they can also be manually exported as a XML-file. For detailed option and instruction, please contact Compano Support or your Compano consultant.

7.1 Export Guideline

<u>Guideline</u> is a database publisher based in Belgium. Using the Export Guideline function, an XML export including special formatting tags can be exported. For an explanation of the formatting tags, also see paragraph <u>4.1 Style</u>

To export a publication:

- 1. Through the Menu go to *Publications* and select the publication you need to export.
- 2. Next, go to the *Functions* tab and click on *Export Guideline*.

Publications	Menu	View	Edit	Function	s	Print			
	•	Q		3		0	123	?	
		Search	Export p	ublication	Expo	rt Guideline	Renumber	Help	

3. In the pop-up window:

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Export Guideline			
Export Guideline			
Email address	my-email@address.com		
Language	en-GB English (United Kingdom)		- 🗙
add images + attachments	🔾 Yes 🖲 No		
1			
		Create	Close

- a. Email address: Type the email address to which the link for download of the publication will be sent.
- b. Language: Select in which language the data will be exported.
- c. Add images + attachments: Yes/No. When set to Yes, images and attachments will be exported as a compressed file (ZIP) and stored at the Compano application server. Contact Compano Support for instruction on how to download this file.

8 Renumber publication

When manually creating or editing a publication the sequence numbering of publication links can easily become corrupted, for instance when removing publication links. If a correct sequence of links is important, the publication can be renumbered:

- 1. Through the Menu go to *Publications* and select the publication you need to renumber.
- 2. Next, go to the *Functions* tab and click on *Renumber*.

Publications	Menu View	Edit Function	s Print			
pub	- 0		0	123	?	•
	Search	Export publication	Export Guideline	Renumber	Help	_

3. The publication links will now be renumbered:

📄 Renu	mber	×	
	Publication links have been renumbered		
	OK		