



Manual

**Digital Asset Management in Approval (Excerpt from the
Approval Manual)**

Release 26.05, Version 01

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Introduction

Approval is a web-based application where retailers can review, search, and subscribe to item data delivered to them via any GDSN certified data pool. The application can also act as a data recipient for retailers. For data to be visible in the catalog at least one subscription must be set up for the retailer. As a rule, this is not done by 1WorldSync but must be initiated by the retailer.

Approval is not a graphic interface attached to a specific data pool. Data published to the 1WorldSync data pool is not automatically displayed in Approval, it must be published to a defined publication target (e.g., the catalog GLN, retailer GLN, target market) to be visible in the application.

The application consists of a web catalog and a subscription list. The application can be adapted to reflect customer requirements, which can result in the appearance of the UI in your application slightly differing from the screenshots in this document.

This document is an excerpt from the Approval Manual and describes the Digital Assets service in Approval.

Online Help Menu

The online help can be accessed by clicking on the question mark icon on the right-hand side of the menu bar:

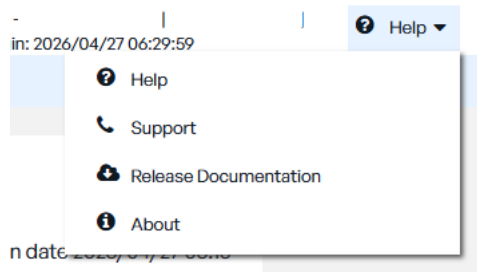


Figure 1: Approval Online Help Button

The Help menu contains documentation describing the structure and function of the application.

In addition, you can access useful “Release Documentation”, such as code lists, etc., in the Help menu.

System Requirements

Operating System	No restriction
Broadband internet connection	At least 1 MBit DSL
Browser (recommended)	Microsoft Edge Google Chrome
Browser (supported)	Microsoft Edge Mozilla Firefox IE11 (supported until August 2021)
JavaScript enabled	Required
Accept cookies	Required
Accept CSS	Required
Accept pop ups	Required
Allow images	Required
Screen resolution	Recommendation: 1280*1024

Logging In and Out

You access Approval via your Web browser. When you start the application, a login window appears with the following fields:

Login

- Username: Enter your username into this field.
- GLN: Enter your Global Location Number (GLN) here.
- Password: Enter the password here.

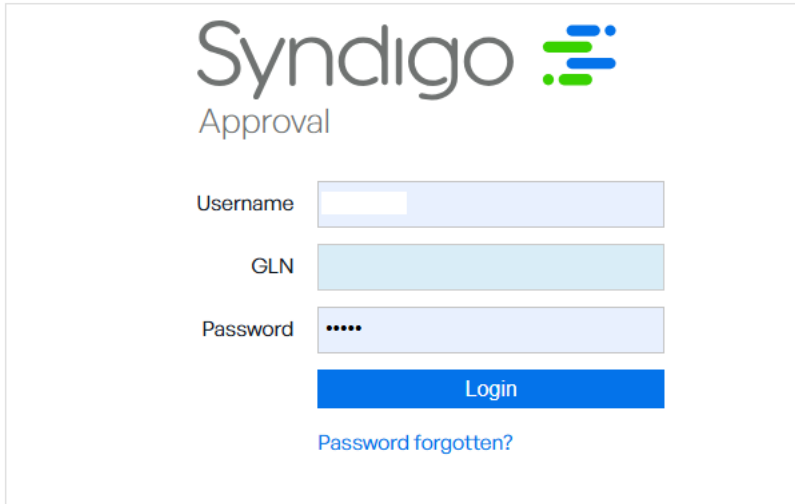


Figure 2: Approval Login Window

Click on *Login* to start the login process. Once you have been successfully logged in, the Approval Welcome Page opens.

Logout

Click on *Logout* in the menu bar to log out of Approval and quit the system.



Figure 3: Quit the system

Reset password

If you cannot remember your login data, the password can be reset. Click the link *Password forgotten?* in the login screen. You will then be taken to a new screen where you can enter your Email address, username and GLN.



Figure 4: Function Reset Password

Fill in the details and click *Reset password*. The new password will be sent to the Email address entered.
Please note that the password must be changed when logging in for the first time.

Basic Handling User Interface

In this chapter, basic functions that are valid across all modules are explained.

Dashboard

After successful login, the public catalog will open with a module area. The module area is the background and the point of entry to the system (Start-Tab). It is visible from any point of the system.

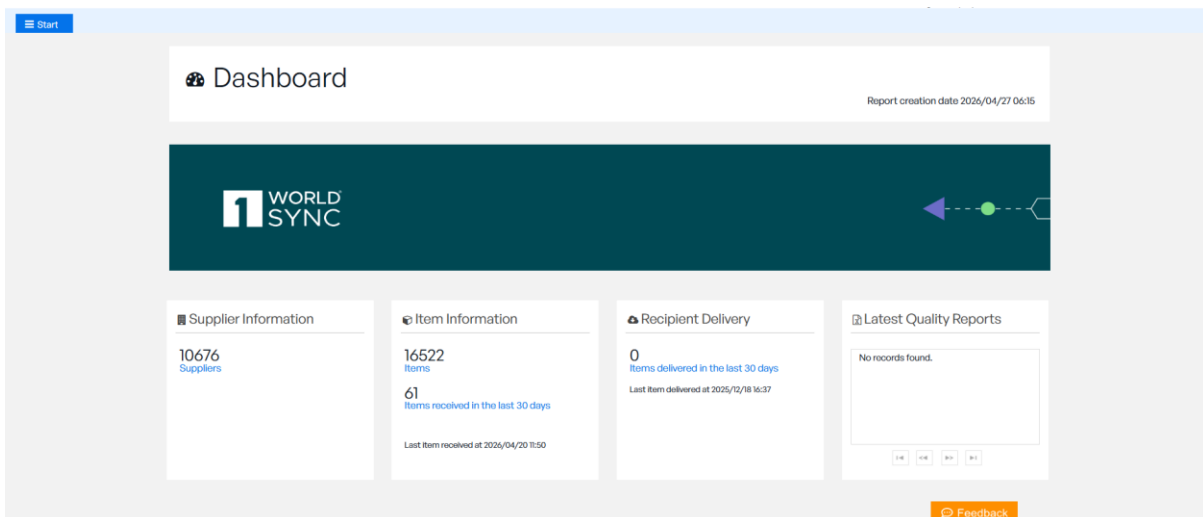


Figure 5: Start-Tab with Dashboard summary

Digital Assets in Approval

Digital assets from the CIN are displayed (via DAM publishing & GDSN). Once a digital asset is created, approved, and assigned to an item, it is delivered to the recipient as part of a CIN.

The digital asset is stored in the Digital Asset Cloud and only the reference is sent to the recipient within the CIN message. The digital asset is stored in an external media object cloud. The reference is sent to the recipient as part of the CIN message. Images are displayed regardless of whether they are stored internally or the URL references supplier image databases.

On the item detail page, the URL is displayed directly below the preview image and the name of the digital asset. By displaying the clickable URL, both the tracking of the digital asset and the further processing are simplified.

Display of Digital Assets in Approval

Digital assets from the CIN are displayed in Approval. Digital assets can be displayed in Approval via the Search function Item has assets = True. The display of digital assets is also available in catalogs. This means that GLNs that are included in Approval as a catalog also have this feature.

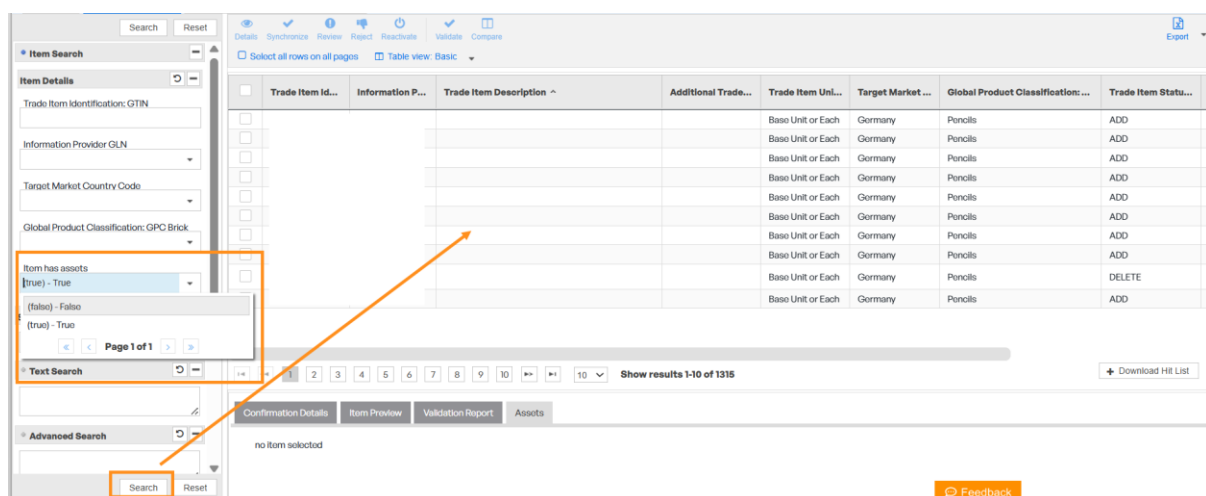


Figure 6: example (external) Item List

In the External Item List editor, the attached images are displayed on the Detail View on the information panel on the right side of the screen.

Notice: Due to different color spaces for a digital asset, the thumbnail in the application appears in black and white. The extraction of the metadata is not affected.

An item can have multiple digital assets attached.

After the editing process is completed, the item is released. In case the content of the item has been published to at least one recipient or is part of a published hierarchy, the data of the item is also sent to the data pool and synchronized with the retailers who have subscribed to the item.

Common photo formats and PDFs are then displayed directly. The metadata and URL of the released digital asset revision are included in the submitted CIN. Common photo formats and PDFs can be displayed directly. Other formats can be downloaded.

When editing the CIN, a thumbnail is generated, usually the asset that has been defined as “primary”.

If a new asset is defined as “primary” after a change, the thumbnail is updated. When transmitting external images, the first image is always generated as the thumbnail. The thumbnail is only updated when an upload is made.

There are exceptions for images with a file effective end date in the past and also the first asset of the data delivery: the thumbnail is not updated.

If a data supplier wishes to have a specific asset displayed as a thumbnail in Approval, he must ensure that this asset is sent as the “primary” or first image when the data is delivered.

Filter by Digital Assets

You have the option to filter by all media asset attributes for items.

For example, this filter option allows you to determine which items need more quickly to be updated in relation to the new image obligation. It filters by the media asset attribute: "Referenced file type code" = Empty.

Then all items without an associated Media Asset are listed.

Extended Filter Criteria

To better filter Digital Asset Information, the following filter criteria can be applied. For example, this becomes necessary when searching for a list of assets created after a specific date:

Intended Country	Publication	The Country/countries in which the asset is designed to be used.
File Effective Time	Start Date	The date on which the target of this external link begins to be effective for use.
File Effective Time	End Date	The Date and time upon which the target of this external link ceases to be effective for use.
Created at		Date on which the Digital Asset was created.
Changed at		Date on which the Digital Asset was changed.

Validation of Digital Assets

Not only the product information itself, but also additional item information such as product images are validated.

The main objective is to improve the quality of product images in the target markets (initially target markets AT and DE). This feature allows retailers and member organizations to provide feedback to suppliers about the quality (based on the quality guidelines in the community) of the images provided, thereby improving the quality of the product data step by step.

Validation is performed for all digital assets that have been uploaded using the Digital Asset Management solution and have the referenced file type code PRODUCT_IMAGE.

Filter items with assets or with incorrect assets using the search function in the search panel on the left side of the screen.

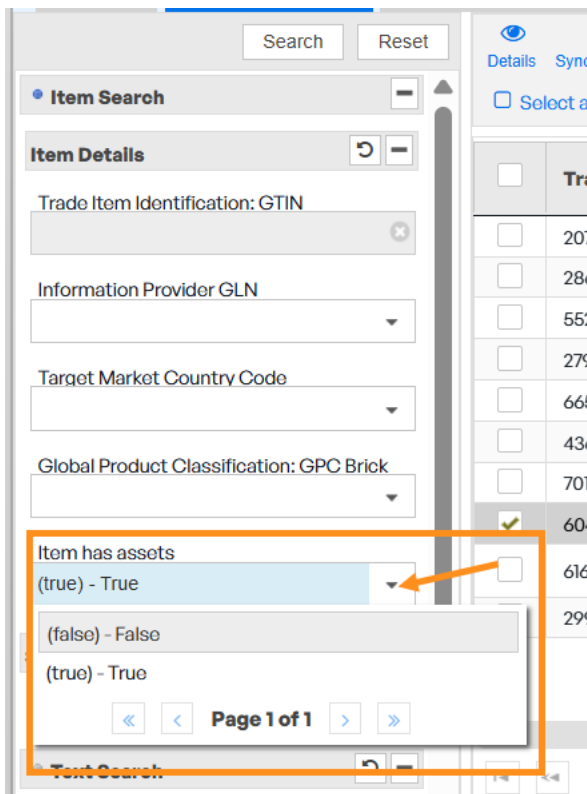


Figure 7: Search items with Digital Attachment

Mark the item in the item list and click the function  Validate.

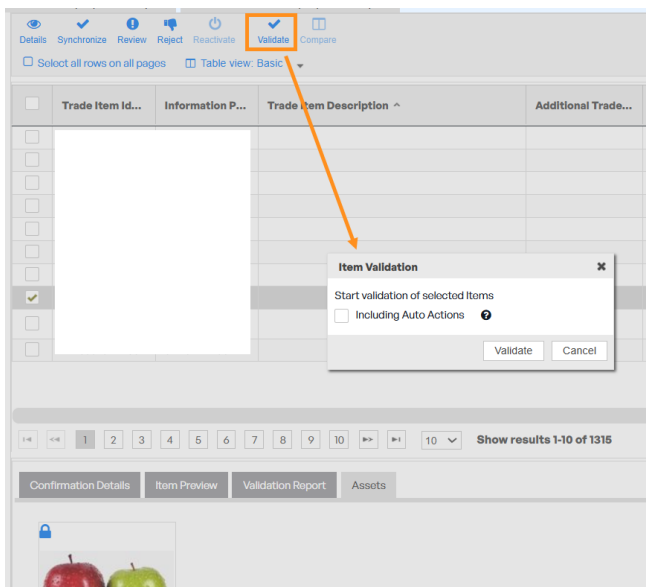


Figure 8: Item List, trigger the Validate-function

Confirm the item validation:

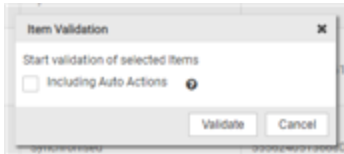


Figure 9: Item List, Confirm the Validate-function

Validation results are generated when items are imported into Approval - the validation results are cached for each image.

The validation results are shown in the UI as follows:

- Blue check: asset is valid according to community rules (no warnings)
- Orange exclamation mark: asset is invalid according to community rules (warnings) or cannot be validated (e.g., because of timeout)
- Grey mark at the asset: asset was not validated because it is out of scope (e.g. no PRODUCT_IMAGE)
- Mouse Over Shows Results

If the images do not meet the quality criteria, "warnings" are immediately sent via CIC.

Downloading Items

From the item list, you can export the item data to an Excel file or a PDF file.

Appendix

GDSN Messages

Below is an overview of the most relevant ¹ types of messages within the triangle:

Type of message	Purpose	Sent by	Sent to
RCI, Registry Catalog Item	Registration of item data	Source Data Pool	Global Registry
CIP, Catalog Item Publication	Publication of items to target market or retailer(s)	Source Data Pool	Source Data Pool
CIS, Catalog Item Subscription	Subscription of item data	Recipient Data Pool	Global Registry
CIN, Catalog Item Notification	Notification of item modification or new items	Source Data Pool	Recipient Data Pool
CIC, Catalog Item Confirmation	Confirmation of items received	Recipient Data Pool	Source Data Pool
PSC, Price Synchronization Confirmation	Retailer confirmation in response to a price synchronization document (PSD).	Recipient Data Pool	Source Data Pool
PSD, Price Synchronization Document	Request for a Retailer Confirmation	Source Data Pool	Recipient Data Pool
RFCIN, Request for Catalog Item Notification	Request for data after synchronization has taken place	Recipient Data Pool	Source Data Pool
GS1 Response	are sent out as an acknowledgement	Recipient Data Pool	Source Data Pool

¹ For a complete list please refer to the GDSN documentation that can be found at www.gs1.org/gdsn.
http://www.gs1.org/docs/gdsn/3.1/BMS_GDSN_Catalogue_Item_Sync_r3p1p0_i1_p0_p6_25Aug2015.pdf

	<p>ent of receipt for transactions that have been performed successfully. Contains both positive and negative message. Replaces the EANUCCResponse and the GDSN Exception</p>		
Catalogue Item Hierarchy Withdrawal (CIHW)	<p>Describes the requirements for efficiently withdrawing an item within the GDSN by reducing the data required in a trade item for processing a withdrawal</p>	Source Data Pool	Recipient Data Pool

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02.02.2026	Compare Item Revisions, p. Fehler! Textmarke nicht definiert.	Compare revisions within the same GTIN
02.02.2026	Compare GTINs, p. Fehler! Textmarke nicht definiert.	On demand: Compare GTIN function; after selecting two GTINs via the checkbox on the hit list, they are compared in a new tab.
Document Version 26.05-01 valid from 22.04.2026		
20.04.2026	Compare GTINs-Function, p. Fehler! Textmarke nicht definiert.	Functionality Expansion: Clicking on the attribute takes the user to the corresponding location within the element.