

# LAGO5

NEW FEATURES  
EXPLAINED



**COMOSOF**  
MULTICHANNEL SOLUTIONS

# LAYOUT: NEW FEATURES

Click here to learn more: [Comosoft.com/New-Layout](https://Comosoft.com/New-Layout)

## Redesigned LAGO Plugin for InDesign

Our plug-in has been re-named **LAGO LAYOUT** and has been completely redesigned. From the splash screen to the icons and palettes, we've updated our look to a more modern standard, also supporting "Dark Mode".



## LAGO-Specific Shortcut Keys

Commonly used **LAGO Layout** functions or palettes can now be mapped to shortcuts for quick access via the keyboard.



## Update Annotations

This function highlights items which have changed or moved in the document since it was last saved. Component creation and changes, asset updates or expiry, as well as placeholder values, are all highlighted on screen through use of this palette.



## Simplified Asset Import

The asset import functionality that is built into LAGO Layout has been simplified, reducing the number of clicks it takes to import an image into the LAGO database.



## Asset Properties on the Asset Light Table

The Asset Light Table is now able to display **Asset Properties** directly below the thumbnails.



## Advance Document Status in All Variants

A checkbox has been added to the **Advance Document Status** dialog to enable users to advance the status of all other variants of the document.



## Alpha Channels Support on Placement

Clipping path options, including Alpha Channel options are displayed directly after placing an image from the Light Table. This feature can be toggled in Configuration.



## Adobe CC2020 & OS X 10.15 Supported

LAGO 5 currently supports the latest versions of Adobe InDesign and Photoshop, as well as version 10.15 of Mac OS X.



## Clone Element Layout Category Settings

Category-level Element Layout settings can now be cloned from one Element Layout to another. Users can select one or more settings categories to transfer.



## Element Layout Image Alignment Options

Assets used in an Element Layout can now be aligned to one of the four corners of the asset frame and with the option to either be scaled at 100% or to be scaled to fit within the frame.



## Subcategories for Placement Rules

Subcategories ensure that manual changes are retained even if placement rules cause the component template to be swapped.



## Rule-Based Element Layout Selection

Placement Rules can now be attached to Element Layouts within Page Layout options. This functionality works similar to Placement rules attached to Component Templates in Element Layouts.



## PROOF: NEW FEATURES

Click here to learn more: [Comosoft.com/New-Proof](https://Comosoft.com/New-Proof)

### Job Search Folders.

User can select built-in or user-defined searches to retrieve jobs in LAGO Proof



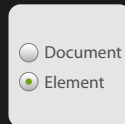
### New Correction Tools

LAGO Proof now includes the following new markup tools: **Pencil** which enables users to draw a freehand correction mark, **Strikethrough** which superimposes a horizontal line over selected text, and **Highlight** which creates a pastel colored overlay for selected text.



### Correction Mark Element Linking

LAGO Proof now offers the option to link correction marks to an Element as opposed to the document itself. If an Element is re-assigned to a different page, Corrections remain linked.



### Comparison slider in LAGO Proof

A new button in LAGO Proof enables a users to compare two proofs or certified documents using a slider to show the two documents overlaid on one another.



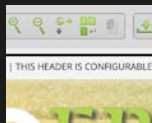
### PDF Format for Correction Document

The correction documents stored in LAGO are now PDFs versus JPG, enabling the selection of text when using our new text highlight and strikeout correction marks.



### Configurable Header for Proofs

LAGO now offers the ability to configure the document headers for all documents in the Proof module. The header can contain a combination of plain text and LAGO tokens.



## GENERAL ENHANCEMENTS

Click here to learn more: [Comosoft.com/Enhancements](https://Comosoft.com/Enhancements)

### LAGO Modules | Now HTML5

Almost all of the LAGO 5 modules have been completely re-written in HTML 5 to align with the sunseting of Adobe Flash. The remaining modules will be completed before Flash's end of life in December 2020.



### WHITEBOARD | Pickup View

The Whiteboard now offers a **Pickup View** with the ability to visually copy and paste Elements and Page Layouts from one document to another through an easy to use drag-and-drop interface.



### WHITEBOARD | Replace Image Content

A new Whiteboard button enables users to update placed asset components with an alternate asset from the asset assignment bridge.



### WHITEBOARD | Element Creation

Elements can now be created directly in the Whiteboard without the need to leave the module.



### Asset Type Permissions via Workgroups

**Workgroups** can now be assigned to **Asset Types** in LAGO Admin to control read and write access. Additionally, these access restrictions also affect search results in LAGO DAM.



### WORKFLOW | Job Expiration

LAGO Workflow Jobs can now be configured to "expire"—if a Job enters overdue status, it will be automatically marked as Done.



## SCRIPTING ENHANCEMENTS

### **New Functions and Tokens Available**

LAGO Scripting now supports the functions “min()” and “max()” for article properties, as well as the tokens “\$(KATVALIDFROM)” and “\$(KATVALIDTO)” in LAGO Layout.

### **New Function for Placement Rule Scripting**

LAGO Placement Rules can now use a new function called “isEqualVariants” which can be used to evaluate if a field contains the same value in all variants of a project.

### **Reference a Scripted Field in a Scripted Field**

Scripted fields and properties can now be referenced in another scripted field or property. Results can be displayed in LAGO Explorer and exported in the XML export.

### **Use Element Fields in Scripted Article or Price Fields**

LAGO scripting has been enhanced to allow the use of Element-level fields within scripts created at the Article or Price-level (with some restrictions).

### **Calculator Scripts & Element Properties**

The Java-based “Calculator” scripting in LAGO has been extended to support the use of element properties. This can apply to Detail Raster View in the Whiteboard and LAGO Calculators.

## SECURITY ENHANCEMENTS

LAGO 5 offers a variety of security improvements including support for, SSL 1.3. New options are also available to enforce password policies for: minimum characters, minimum numbers, minimum # of special characters, and minimum # of uppercase characters. Only hashes generated with bcrypt/ Blowfish are used to store login data.

## USABILITY & UI ENHANCEMENTS

### **Enhanced Element & Article Sync**

LAGO Explorer now offers a button to synchronize Elements and Articles within a selected project. By choosing a source and executing this function, Element data, components and Article Assignments are updated according to a pre-defined criteria.

### **Enhanced Document Compression**

It's now possible to set a flag in the type editor to trigger **Head Variants** if value differences are detected for a corresponding field.

### **Enhanced Support for Multiple AUTOMAT instances**

The LAGO AUTOMAT has improved support for multi-instance implementations when processing jobs which combine PDFs.

### **LAGO DAM Workspace Configuration**

LAGO DAM and its user interface can now be customized via Workspace configuration in Admin Extend.

### **Automated Element to Shop Assignment**

Shop assignment rules can now be managed via a new LAGO MessageBus plugin. This plugin automatically applies the rules for all shops in currently open projects.

### **Element Layout Asset Selection**

Asset Categories in Element Layouts can now be configured to use only assets assigned at the Element level when Element Layouts are applied.

## IMPORT/EXPORT ENHANCEMENTS

### **Automatic Asset Assignment via Article Properties**

LAGO can dynamically assign and un-assign Assets at the Article-level based on matching the asset name to data in the specified field.

### **Export Search Folder Results**

Using the LAGO Transfer server, it is now possible to export Articles or Elements that are the result of a previously created Search Folder, while respecting the defined folder hierarchy.

### **Import of Native Excel (XLS) Files**

Excel XLS files that are exported from LAGO Explorer contain special headers that enable them to be imported back into LAGO without having to convert them into plain text files.

### **Asset XML Import Failure Notification**

If a failure occurs while importing Assets via XML Import, LAGO will send an email notification to defined users.

### **Extended import configuration**

For LAGO users who transfer data bi-directionally between LAGO and external systems, LAGO now offers the ability to use the LAGO Element key value within the import configuration when performing updates.

### **Suppressing Non-Editable Article Property Update**

With a new configurable option now available in the standard import configuration, non-editable properties can be suppressed from updating via import.

### **Suppress Automatic Creation of Article Property Types**

Prevent erroneous Article Properties from being created by disabling this option in the import configuration. The import can also be configured to enter a warning in the log file.

### **Extended PDF Export**

LAGO PDF export is now capable of duplicating PDFs from head or content variants into the folders for the equivalent variants, ensuring that each variant specific folder contains a PDF file for every document.

## LAGO API SUPPORT

The LAGO API enables many new integration possibilities are now possible with the has been enhanced with many new functions. A CRUD API is now available for Assets, Projects, Elements, Articles, and Prices enabling the ability to create, change, retrieve, and delete the most important LAGO objects.



UPGRADE TO  
**LAGO** 5  
**NOW!**

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