

Building performance, stability and usability

Constantly improving on performance, stability and usability

Magnolia 6.3 includes a revamped user experience, new integrations and a wealth of new features and improvements to cater for large-scale enterprise digital experience projects. With these capabilities, Magnolia continues to build on its vision as the most flexible, easy-to-use and cost-effective DXP for the enterprise.

Updating to the latest Magnolia version is smooth and easy, with no disruption to the business.

This paper walks you through the benefits of our most recent release, and indicates the path for an easy, smooth upgrade.



Better usability

A revamped search experience, with a more intuitive user interface, empowers editors to find relevant content quickly and consistently across Pages and Assets apps. The rich text editor also gets a revamp with the upgrade to CKEditor 5.

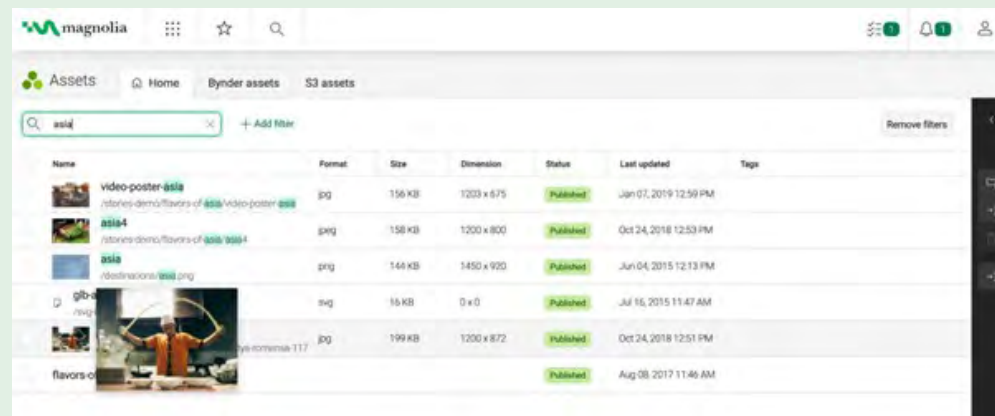
These - together with a series of small, yet significant UX improvements - enhance usability and streamline the editorial workflow, making it even faster, easier and more pleasant for editors to manage content in Magnolia.

Revamped search experience

Magnolia 6.3 improves the search experience by refining search usability, and building a more efficient workflow for editors to find and manage relevant content seamlessly:

- In-app search and UI improvements for Pages and Assets apps;
- Improved visual contrast and information hierarchy;
- Consistent search experience across all features;
- More relevant and more intuitive sorting and filtering;
- Easier, clearer and more predictable navigation;
- Improved search results usability:
 - Clear identification of different file types (e.g. assets),
 - Visibility of folder structure path close to the result item,
 - An enlarged preview of your assets, upon mouse-over, in the grid.

See how the overall new search experience looks like in this [video walkthrough](#).



Better usability

CONT'D

Better WYSIWYG with CKEditor 5

Magnolia 6.3 also brings a more powerful and intuitive visual editor. With upgrading from CKEditor 4 to CKEditor 5 (i.e. the framework we use to power Magnolia's visual editor), we're improving both editor and developer experience.

Authors get a more intuitive and modern visual editor, which also makes it easier to work with content from other sources. Developers can customize the editor more easily using standard frontend technologies like React, Angular or Vue.

Upgrade path for CKEditor 5:

If you added customization to version 4 of the [CKEditor](#), upgrading to Magnolia 6.3 will require a rewrite of this customization to use CKEditor version 5. For a smooth and easy upgrade, see [our guidelines](#).

Better multi-language with IETF Language Tags

Finally, Magnolia 6.3 brings authoring improvements for multi-language projects. By supporting IETF Language Tags, used in most web standards, Magnolia 6.3 allows for a more flexible and semantically accurate representation of language variations and local specificities.

More composability

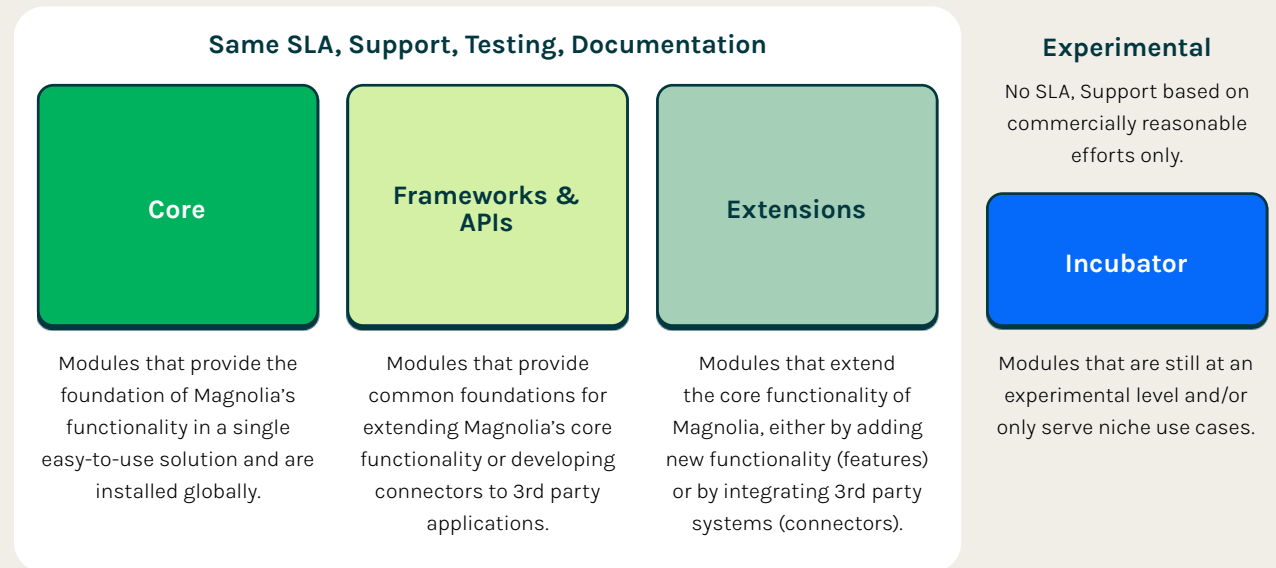
With its low-code integration frameworks, ready-made connectors, and integrated user experience (IUX) across connected systems, Magnolia has long been a pioneer in true composability.

Magnolia 6.3 brings a repackaging of the product to make it easier to build custom connectors and extensions using ready-made frameworks available from Magnolia. If you're using Incubator modules in your custom Magnolia solution - we're also enhancing stability with extending SLA coverage, testing and support across many of such modules.

New frameworks, connectors and extensions

With Magnolia 6.3 we deliver a revamped bundling of the product functionality. With this new packaging, many formerly Incubator modules transition into fully supported Extensions. This means that they come with the same level of quality, testing and support as DX Core.

See our [documentation](#) for a complete list of the Magnolia modules and their classification.



More composability

CONT'D

Magnolia 6.3 brings an update to the formerly known Connector Packs, splitting them into:

Point Connectors to 3rd party systems

(i.e. Salesforce Commerce Cloud connector). We continue to guarantee compatibility with any new Magnolia and 3rd party system release, and we certify them with the 3rd party solution vendor.

Universal Integration Frameworks

(i.e. Commerce integration framework), which can be used to develop any custom integrations not covered by already existing connectors. We guarantee the stability of the APIs on the Magnolia side.

This makes it easier to build connectors with a faster time to value using the frameworks Magnolia offers for Commerce, DAM, Marketing Automation, Analytics - and, just in with 6.3 - Translation and CDP.

Upgrade path for Extensions:

- If you are using any of the formerly known **Connector Packs**, you don't need to do anything. No licensing changes are applied.
- If you are using any of the formerly **Incubator modules** that have been promoted to a fully supported Extension, you will need a license key. Check the [list of new Extensions](#) with 6.3 and contact your Customer Success Manager at Magnolia.

SSO (single sign-on)

SSO is a critical part of our enterprise offering and our continuous commitment to flexibility and security for enterprise deployments.

With Magnolia 6.3 we are extending the SSO module, providing the ability to connect to multiple login providers. This allows us to support use cases for businesses with regional variations in SSO providers, or those with multiple providers after an acquisition. This also decreases the risk of customers losing access to their instance with the SSO module installed. Read more about it in the release [documentation](#).

Improved performance at scale

Magnolia 6.3 brings more performance at scale to support enterprises on their digital transformation. These performance tunings go across publishing, concurrent editing, flat content structures, search and high-volume asset management.

Swift Publication

Swift Publication is our newest feature to make it faster and easier for editors to publish large volumes of content. Using an external storage solution (Amazon S3 to begin with, with Microsoft Azure and other solutions to be added soon) for publishing and versioning of content, Swift Publication increases speed, resiliency and scalability of publishing.

Swift Publication is currently in developer preview program. Take a look at the [documentation](#) and if you're interested in using the feature, we'd love to onboard you and take you through a guided process. Get in touch with your partner or account manager at Magnolia.

Large-scale content guide and metrics

We've not only improved performance under the hood, but also improved the way Magnolia customers with large-scale content requirements can design their custom solution with guidance from Magnolia.

A dedicated guide on performance for customers with larger installations collates all relevant information in a single location. To collect information that helps us understand and fine tune how Magnolia performs in large-scale content projects, we are also adding metrics to the product that both we at Magnolia and you as a customer or partner can tap into.

See the [large-scale content guide here](#).

Technical upgrades

Magnolia 6.3 will be on a Java 17 baseline and also runs on Java 21 (latest long-term supported release).

Magnolia 6.3 provides MicroProfile Health endpoints, facilitating deployment with liveness, readiness and startup probes in Kubernetes environments.

It also embraces MicroProfile Config, adding state-of-the-art flexibility for external instance configuration. This is applied first to publishing receivers config (moving out of JCR), and will require project update.

Upgrade path for MicroProfile:

[See our documentation](#) for guidelines on how to update your Magnolia project to the new MicroProfile Config.

Get peace of mind with a long-term supported (LTS) release

Magnolia 6.3 is an LTS release, which guarantees API stability and backwards compatibility.

We support LTS releases for at least two years from their availability date, and we guarantee a smooth upgrade. We'll also support Magnolia 6.2 until mid 2026.

The path to Magnolia 6.3

With the wealth of benefits it brings, we encourage customers and partners to try Magnolia 6.3 as soon as it's available.

We expect that the upgrade to Magnolia 6.3 will be smooth and easy. There may be some areas with minor impact (i.e. CKEditor, Extensions, MicroProfile) for which we provide dedicated [documentation on how to upgrade](#).

For any questions regarding Magnolia 6.3, feel free to reach out to your Partner or Customer Success Manager at Magnolia - we'd love to hear from you.

Get started with Magnolia

Navigating the wide range of digital experience technologies available today can be difficult. Even after exploring different solution types, deployment options, editorial experiences, development approaches, and delivery methods, you need to carefully weigh the benefits and drawbacks of each choice for your marketing and technology teams.

Magnolia helps you capitalize on the best technologies for your business while overcoming key limitations. You gain a truly composable, modular platform with essential building blocks for creating a robust DXP plus the flexibility for change. Magnolia also fosters real collaboration, enabling multiple teams to work together using a single, unified interface.

Importantly, Magnolia is committed to your success. Instead of remaining invisible to a large DXP vendor or attempting to build a DXP all on your own, you can work closely with our digital experience architects to help you realize your ideal business outcomes.



Laura Delnevo,
Product Manager DX Core

Ready to learn more?

[Book a demo with our services team](#)