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| CMDBUILD · RELEASE NOTES

CMDBuild 4.3

New ways to explore, configure and
access information

New capabilities for relationship analysis, home page configuration,
Artificial Intelligence integration and activity tracking.

DEPENDENCY TREE · AI · HOME PAGE · ACTIVITY TRACKING

CONTENTS

CMDBuild 4.3

New CMDBuild 4.3 release will be available starting October 14th.

CMDBuild 4.3 marks the next step in the platform's evolution: stronger security, more intelligent integrations and a more intuitive interface, all designed to make data and process management more efficient for organizations.

Please contact the relevant project manager to check and schedule the update*.

*with version 4.0 or later, included in the annual subscription.

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OVERVIEW

CMDBuild 4.3 expands the platform with new ways to explore, configure and access information

CMDBuild 4.3 introduces a set of improvements designed to make the platform more flexible, easier to configure and more effective in managing and accessing information.

The new release evolves the way users interact with CMDBuild, from the analysis of relationships between managed elements to the configuration of personalised home pages and the tracking of activities carried out on the platform.

At the same time, CMDBuild 4.3 introduces a new architecture for **Artificial Intelligence integration**, allowing users to query data and documents stored in CMDBuild through AI tools and providing an extensible framework for integrating different AI engines.

6

Major features introduced

9

New plugins released

1

New AI integration architecture

How to read the document

Tag

Meaning

CORE

Features included in the release

NO CORE

Extensions that can be added with plugins

01 · HOME PAGE

Customizable role-based Home Page

CMDBuild 4.3 introduces a new way of configuring the home page, designed to give users immediate access to the information and tools most relevant to their work.

1.1

Role-based experience

CORE

Administrators can now define a **fully customizable home page**, tailored to the role of the user accessing the application. This makes it possible to offer each profile a targeted initial view, with content and information consistent with their responsibilities and areas of activity.

1.2

Build your Home Page

CORE

The home page **can be configured using a set of informational components**, including summary indicators, data lists, charts, calendars and text content, making it possible to build operational and management dashboards without the need for custom development.

1.3

Search across the data model

CORE

Among the most significant new features, the home page integrates cross-model search functionality across the entire data model, using both CMDBuild's standard search engine and search engines based on Artificial Intelligence technologies. This allows users to quickly locate information and objects of interest directly from the home page, improving the user experience and operational efficiency.

1.4

Consistency

CORE

The home page configuration approach is based on the same principles already adopted for dashboards, ensuring ease of use and consistency in the platform's administration experience.

02 · DASHBOARDS

Completely Renewed Dashboards

With the introduction of the new Home Page, we have rethought and enhanced the CMDBuild Dashboard experience, **making it even more flexible, intuitive and informative.**

In addition to a major visual overhaul that improves readability and usability, **new components** are now available for building custom dashboards and monitoring the most relevant information in real time.

The new Dashboards allow each user to access a personalized view of the most important information, **improving process control and the ability to monitor day-to-day activities.**

2.1

Tiles

CORE

Highlight the most important KPIs, metrics and business indicators at a glance. Tiles provide an immediate snapshot of performance and operational status, helping users quickly identify critical situations, emerging trends and key information that requires attention.

2.2

Lists

CORE

Display records, tasks and operational information in a dynamic and always up-to-date format. Fully configurable lists make it easier to monitor ongoing activities, prioritize work and access the most relevant data directly from the dashboard.

2.3

Calendar

CORE

Visualize activities, appointments, deadlines and scheduled events in a single interactive view. The Calendar component simplifies work planning, improves coordination across teams and helps ensure that important commitments are never missed.

2.4

Pareto Chart

CORE

Leverage the Pareto principle to identify the factors that have the greatest impact on a specific outcome. By highlighting the most significant causes, the Pareto Chart helps users focus their attention on priority issues and make more informed, data-driven decisions.

03 · DEPENDENCY TREE

A clearer way to explore dependencies

CORE

CMDBuild 4.3 introduces the new **Dependency Tree**, a feature designed to make the analysis of relationships between CMDB elements simpler, more intuitive and more effective.

PREVIOUS APPROACH

Three dimensional free-graph visualization

In previous versions, relationship exploration was based on a three-dimensional free-graph visualization. While useful for navigating connections between objects, this approach could be difficult to interpret in scenarios with a large number of relationships, and did not always make it easy to immediately read dependencies and potential impacts.



NEW APPROACH

Dependency tree Hierarchical representation

The new Dependency Tree offers a **hierarchical, structured representation of relationships**, designed to more effectively support the analysis, troubleshooting and impact assessment activities typical of a CMDB.

The visualization guides the user through the exploration of connections between assets, applications, services and infrastructure components, **improving understanding of context and interdependencies**.

04 · AI INTEGRATION

Access information with AI

Thanks to this feature, it will be possible to query data and documents stored in CMDBuild using AI tools, making it easier to search for information, analyze content and generate contextualized answers based on the company's knowledge base.

CMDBuild 4.3 introduces a **new integration architecture** with Artificial Intelligence systems, designed to make the most of the information assets held within the application.

4.1

Integrate AI engines

CORE

The platform provides an extensible framework based on plugins, which makes it possible to integrate different Artificial Intelligence engines according to the organizational and technological needs of the customer.

4.2

PowerFinder

NO CORE

For its customers, PAT provides integration with PowerFinder, offering immediate access to advanced AI-powered search and knowledge-enhancement capabilities.

With this evolution, CMDBuild becomes not just an information management system, but also **a tool capable of turning data and documents into knowledge that is easily accessible and usable by users.**

05 · NIS2 COMPLIANCE

Enhancements for NIS2 Compliance

With version 4.3, CMDBuild introduces new features dedicated to tracking user activity, in line with the growing security, control and accountability requirements demanded by organizations and by leading regulatory frameworks, including the NIS2 directive.

5.1

Structured tracking of system activities

CORE

The platform now provides a structured overview of the main interactions carried out on the system, including logins, record access and other relevant operations on managed objects.

5.2

A clearer view of platform usage

CORE

Activities are recorded in a detailed history, making it easier to monitor and analyse how the platform is used.

5.3

Stronger audit and control processes

CORE

The new tracking features support audit and verification activities, increasing visibility over access to sensitive information and strengthening security management.

5.4

Greater visibility when it matters

CORE

The collected information helps organizations respond more effectively to anomalies, audits and incidents.

06 · NON-OPEN FUNCTIONALITY

New data integration connectors

NO CORE

CMDBuild further extends the application's integration capabilities with external systems and platforms, thanks to the introduction of new connectors dedicated to the **automatic acquisition and synchronization of data**.

The goal is to simplify the maintenance of information, reduce manual work and ensure greater consistency between CMDBuild and the company's technology ecosystems.

Tag	Meaning
FREE	Available for free download
SUBSCRIPTION	Included at no additional cost with an active maintenance subscription
PREMIUM	Available for purchase

DISCOVERY & INVENTORY

NEW	PREMIUM	GLPI	Synchronization of data and assets managed through the open-source ITSM and Asset Management platform.
NEW	PREMIUM	NinjaOne	Acquisition of information about devices and systems managed through the endpoint management platform.
SUBSCRIPTION		OCS	Inventory Discovery and synchronization of hardware and software inventory data collected through the open-source IT asset inventory platform.

SECURITY

NEW	PREMIUM	Claroty	Integration with the Cyber-Physical Systems Protection platform for acquiring detected assets.
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NETWORK & OBSERVABILITY

NEW	PREMIUM	Dynatrace	Collection and update of information from application observability and monitoring tools.
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06 · NON-OPEN FUNCTIONALITY

New data integration connectors

CLOUD & VIRTUALIZATION			
NEW	PREMIUM	Microsoft Azure Entra ID	Synchronization of users, groups and digital identity information.
NEW	PREMIUM	Microsoft Azure Resource Manager	Import and update of resources present in Azure cloud environments.
NEW	PREMIUM	Google Cloud Manager	Integration with Google cloud environments for resource inventory and management.
SUBSCRIPTION		AWS	Acquisition and synchronization of cloud resources, services and infrastructure information managed within Amazon Web Services environments.
SUBSCRIPTION		vCenter	Discovery and synchronization of virtual infrastructure assets managed through the VMware vCenter platform.
DATA & APPLICATIONS			
NEW	PREMIUM	PowerFinder	Access to advanced AI-powered search capabilities to improve information discovery and knowledge accessibility.
NEW	PREMIUM	Catasto Italiano - Anticipay	Access to property cadastral information directly from the application.
PREMIUM		Mobile Offline	Enable offline access to CMDBuild data from mobile devices, with configurable data models and automatic data reconciliation.
SUBSCRIPTION		Data Model Synchronization	Simplified synchronization of CMDBuild data models across multiple environments through an intuitive graphical interface.
FREE		CMIS	Seamless integration with CMIS-compliant Document Management Systems for centralized document and attachment management.
IDENTITY			
SUBSCRIPTION		LDAP	Synchronization of users, groups and organizational information from LDAP-compatible directory services.

07 · PLATFORM IMPROVEMENTS

Platform Enhancements

Version 4.3 introduces numerous cross-cutting improvements that make CMDBuild even more **flexible, modern and easy to use** in the day-to-day management of information and processes.

The following points illustrate the main new features.

7.1

Menu icon customization

CORE

To adapt the interface to the organization's needs and visual identity.

7.2

User interface improvements

CORE

Greater visual consistency across different areas of the application, for a more intuitive and consistent user experience.

7.3

Optimization of permissions management

CORE

With refactoring work that improves the system's maintainability and reliability.

7.4

Updates to the software libraries

CORE

With benefits in terms of security, stability and technological compatibility.

7.5

Enhanced data import and export functionality

CORE

To facilitate integration and information exchange with external systems.

7.6

Additional optimizations and improvements

CORE

Aimed at making the user experience even smoother and more effective.

Updated documentation, ready to explore

The Manuals area has been updated to provide access to the **latest guides and resources for CMDBuild 4.3**. The new release features are now fully covered in the documentation, with a dedicated section also available for plugins.

What's new in Manuals:

01 CMDBuild 4.3 features

The new features introduced in version 4.3 are now covered in the documentation.

02 Plugin documentation

The Manuals now include a dedicated section on plugins.

Discover the documentation covering the new features introduced with CMDBuild 4.3 at this link:

[**Explore the Manuals**](#)



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