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CUMULOCITY

PRODUCT RELEASE

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PRODUCT LAUNCH
APRIL 2025 ●●●●●●●●●●●●●●●●●●●●

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As part of Cumulocity's April 2025 product launch, we're introducing a range of powerful new features designed to empower equipment makers to create and deliver customized digital solutions, driving competitive differentiation and expanding their digital services.

Take a look at some of the features below to find out more.

●●|| Usage Statistics Application **New Update**

We're introducing a new feature in the Usage Statistics App that supports multi-tenant aggregation and provides a month-to-date summary of billing statistics. This is powered by a deployable microservice, offering customers clearer visibility into their usage data.

Why this new feature is important:

Previously, customers could only view data for individual tenants and had to wait until month-end for billing insights. The new aggregated view and month-to-date summary offer greater transparency, helping customers monitor usage trends, prevent overages, and manage their contracts more effectively.

●●|| Enhanced Data Point Explorer View **Preview**

We're introducing the Enhanced Data Point Explorer View, an upgraded data visualization and analysis tool built on Angular for improved performance and a modern user interface. It offers expanded data visualization options, customizable configurations, and enhanced collaboration through shareable workspaces.

Why this new feature is important:

With this update, users benefit from a faster, more intuitive experience. Enhanced customization, improved collaboration, and seamless data export make it easier to analyze IoT data, troubleshoot issues, and optimize device performance.

●●|| Enhanced Data Point Graph Widget **Preview**

We're introducing the Enhanced Data Point Graph Widget, a modernized data visualization tool designed for dynamic time-series analysis. With improved performance, synchronized visualizations, and simplified controls, it offers a more intuitive and efficient user experience for analyzing IoT data.

Why this new feature is important:

The new widget enables synchronized time-series analysis, faster performance, and flexible graph configuration. These enhancements provide clearer insights, streamline anomaly detection, and make operational monitoring more effective.

●●|| Software Type Support for Device Profiles

We're enhancing device profiles to support software types, making it easier to manage and deploy different types of software across devices. This update streamlines software management and ensures better control over device configurations.

Why this new feature is important:

Previously, device profiles couldn't differentiate between software types, complicating deployment and management. With this enhancement, users can categorize and manage software more efficiently, reducing errors and improving operational oversight.

●●II Controlling Software Service Remotely

Cumulocity's latest update introduces start, stop, and restart actions directly from the service overview, with Thin-edge support for container management. A new command tab will also allow users to send commands to individual services, providing enhanced control over device workloads.

Why this new feature is important:

Managing complex device workloads has been challenging with limited remote actions. The new capabilities give users real-time control to troubleshoot, optimize, and manage services efficiently. This reduces downtime, enhances operational flexibility, and streamlines software management.

●●II Improved Device Map

The map component has been enhanced to remove the 100-device display limit, introduce device clustering for dense areas, enable infinite horizontal scrolling, and improve automatic zoom and centering based on device positions for better visibility.

Why this new feature is important:

With these enhancements, users gain clearer insights, easier navigation, and more accurate visual representation of their device networks.

●●II Flexible Payload Decoding

The LwM2M Agent now supports sending data to the MQTT service in a simple JSON format. This allows users to apply custom decoders, offering greater flexibility for processing and interpreting complex payloads.

Why this new feature is important:

Previously, users could only map individual resources to the Cumulocity data model, limiting the ability to handle complex data. With JSON-based payloads and custom decoders, users can aggregate values and extract richer insights from their data.

●●II Cloud Remote Access Improvements

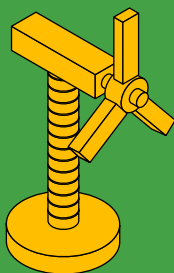
Devices can now report supported protocols through SmartREST template 150, ensuring users can select only compatible options. Additionally, passthrough functionality is now available to all Cloud Remote Access subscribers, with full Thin-edge.io support and integration into the Cumulocity CLI for easier TCP port, Unix socket, and stdio listening.

Why this new feature is important:

Previously, users risked selecting unsupported protocols when setting up remote endpoints. Now, the protocol selection is more accurate, and passthrough functionality is more accessible, enabling secure and flexible remote access to a wider range of services.

We'd be happy to discuss how these features can support you in creating and delivering customized digital solutions.

For more information on any of the features mentioned, feel free to reach out to a member of the Cumulocity team today.



Contact our IoT experts



We're an independent device and application management IoT platform. Cumulocity connects and manages your devices and assets efficiently and can control them remotely.