



End-User Release Notes

Calisto R9 4.0.1

Targeted release date: January 30, 2026

The following end-user release notes are intended to help you manage your software upgrade within your organization.

Summary


The end-user release notes apply the following Doble products:

Product name	Model
Calisto	R9

The following software is now available:

Software name	Version
Calisto R9	4.0.1

The software can be downloaded from our website at <https://www.doble.com>.

	Highlights of this release
✓	<p>Calisto R9:</p> <ul style="list-style-type: none">• Automatic switching to 1h readings if a gas alarm is detected, when enabled in software.• Automatic selection of IR source, when enabled in software.• Automatic selection of burners, when enabled in software.• Add support for Precision Time Protocol (PTP) synchronization.• Corrected gas-related measurement anomalies sporadically detected by the unit.

Technical support

If you have any questions regarding this release, please contact your Doble Authorized Representative or Doble technical support:

Web: <https://www.doble.com>

E-mail: techsupport@doble.com

Telephone: +1.514.739.1967

Toll-Free (USA and Canada): +1.855.861.1967

Software compatibility

The following browsers are supported by Calisto R9:

- Latest version of Edge®
- Latest version of Chrome®
- Latest version of Firefox®

Instructions

Software upgrade

Recommendations:

1. Before upgrading the Calisto R9 software, review all changes in these notes to ensure compatibility with your needs.
2. It is recommended to upgrade all Calisto R9 units in your organization with the latest software. This is accomplished by connecting to each one via the web interface and following the upgrade instructions.

Warning: Software upgrade is irreversible.

To upgrade the Calisto R9 software:

- Log into the Calisto R9 via the web interface as a user with update permissions.
- Select the Update Calisto page found on the left panel.
- Select the package on the computer by clicking the "Select package to Update" button.
- Start the upgrade by pressing the "Update" button.
- Wait for the upgrade to complete.
- Once the file upload and the system upgrade completed, a window will be displayed to the user telling him that the system will reboot.
- Once the system is rebooted, the user will be redirected to the login page. The software version will be different from the previous one.

Related documents

Calisto R9	Doc #	Revision	Updated?
Calisto R9 User Guide	041-MSDOC	7	No
Calisto R9 Software User Guide	042-MSDOC	7	Yes
Calisto R9 DNP3 Device Profile	062-MSDOC	8	Yes
Calisto R9 Modbus Device Profile	061-MSDOC	5	Yes
Calisto R9 IEC 61850 Device Profile	063-MSDOC	2.1	Yes
Calisto R9 IEC 61850 ICD File	--	2	No

Changes

Calisto R9 software			Version: 4.0.1
Type	Models	Introduced version	Description
New feature	R9	N/A	Automatic switching to 1h readings if a gas alarm is detected, when enabled in software.
New feature	R9	N/A	Added support for Precision Time Protocol (PTP) synchronization.
New feature	R9	N/A	Automatic selection of IR source, when enabled in software.
New feature	R9	N/A	Automatic selection of burners, when enabled in software.
New feature	R9	N/A	The IEC 61850 CID and ICD files are now available for download from the Calisto R9 web interface
Critical	R9	1.0.0	Corrected gas-related measurement anomalies sporadically detected by the unit.
Critical	R9	2.0.2	Improved interoperability with IEC 61850 clients not complying with edition 2.1.
Critical	R9	3.0.1	Corrected random communication failures on DNP3 communication.
Change	R9	1.0.0	Rebranding of the web interface.
Change	R9	1.0.0	Numerous adjustments to the web interfaces.
Security	R9	3.5.1	Fix critical and high vulnerabilities with web server.
Security	R9	3.5.1	Fix critical and high vulnerabilities with web client.

Hash codes to verify the integrity of the file:

MD5	A5AEF375F8CD6587B511417E106D84F0
SHA-1	BE5710DAB02E0F9C702BA168B9EE707E7EEE8AFE
SHA-256	523DBC4B539A8BC832355BC18134E28DE8F7A5B9E225C3F9F590C89919FD6AE0

Types of changes

Type	Description
Critical	Change that fixes a problem that affects a basic functionality and does not have a workaround. It requires an upgrade.
Major	Change that fixes a problem that affects a basic functionality and has a workaround. It requires an upgrade if the workaround is not applicable.
Minor	Change that fixes a problem that affects a non-basic functionality and may have a workaround. It does not necessarily require an upgrade.
Enhancement	Change that improves an existing feature that brings new value.
Change	Change that does not fix any problem or bring any new value.
New feature	Change that adds new capabilities.
Security	Change that fixes a problem related to security. It usually does not have an impact on normal operation. The customer must decide if it requires an upgrade.