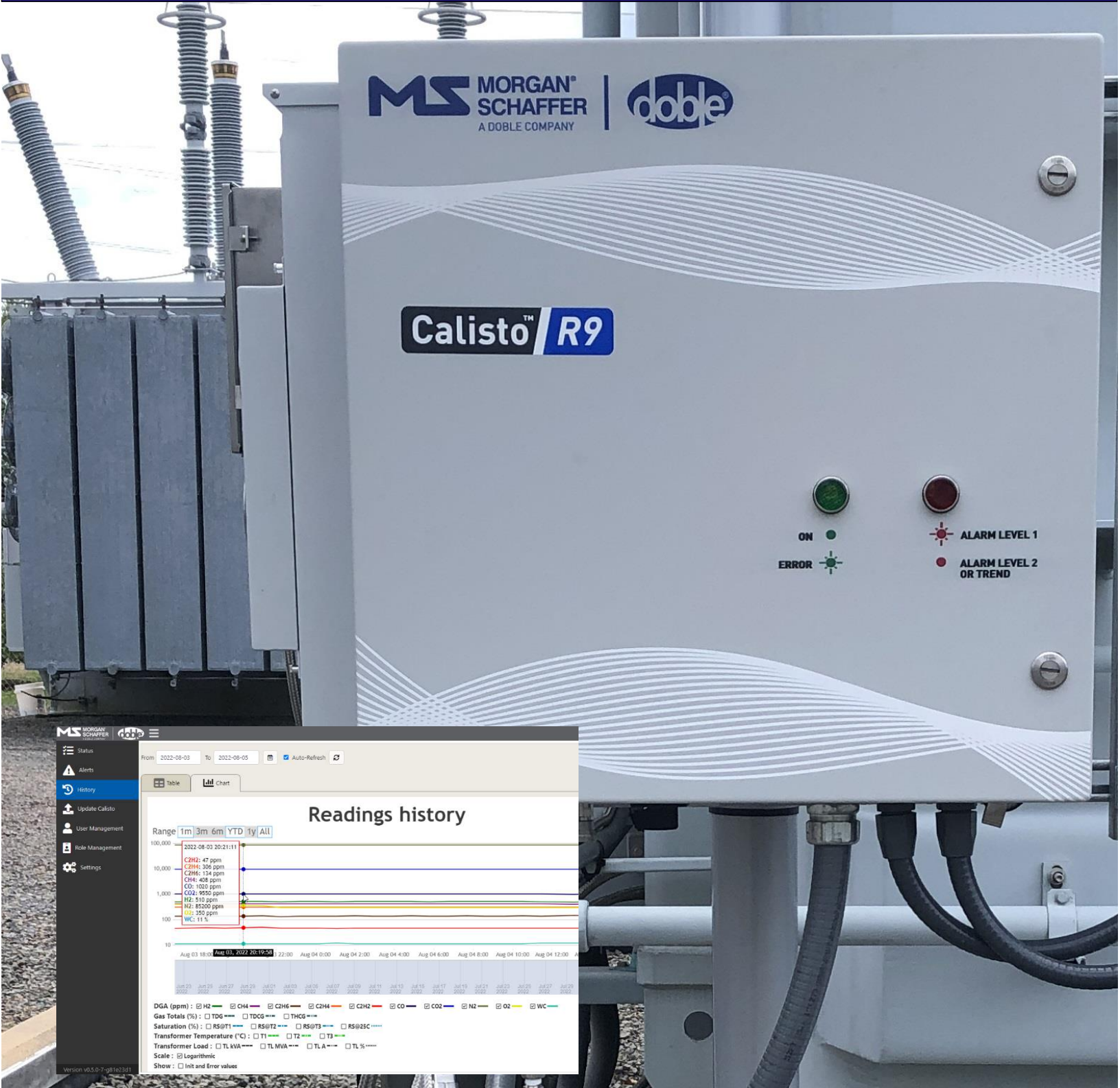


Calisto R9 End-user Release Notes

Version 2.0.2



Release date: July 22, 2024

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 Morgan Schaffer products:

Product name	Models
Calisto	R9

The following software is now available:

Software name	Versions
Calisto R9	2.0.2

They 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"> • A bug causing missing cycle measurement every 4 hours was fixed. • Output relays are now supported. • Intelligent bubble trap system is now available. • Touch screen display option is now supported. • Optional IEC 61850 communication now supported.. • Added support for Modbus.

Technical support

If you have any questions regarding this release, please contact your Morgan Schaffer Authorized Representative or Morgan Schaffer 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 Hardware User Guide	041-MSDOC	Rev-05	Yes
Calisto R9 Software User Guide	042-MSDOC	Rev-05	Yes
Calisto R9 DNP3 Device Profile	062-MSDOC	Rev-04	Yes
Calisto R9 Modbus Device Profile	061-MSDOC	Rev-03	Yes
Calisto R9 IEC 61850 Device Profile	063-MSDOC	Rev-01	Yes
Calisto R9 IEC 61850 ICD File	--	Rev-01	Yes

Changes

Calisto R9 software			Version: 2.0.2
Type	Models	Introduced version	Description
New feature	R9	N/A	Added support for Modbus: <ul style="list-style-type: none">• TCP/IP• RS-485 (RTU & ASCII)• Status/Statistic info
Critical	R9	1.0.0	Missing cycle measurements every 4 hours. This problem caused a record to be missing every 4 hours. This bug is now corrected. There is currently no workaround.
New feature	R9	N/A	Output relays are now supported: <ul style="list-style-type: none">• 2 standard relay outputs.• 8 optional relay outputs.

New feature	R9	N/A	Intelligent bubble trap system is now available. The intelligent bubble trap system is used to prevent risk associated with gas bubbles entering the transformer tank during installation and normal use.
New feature	R9	N/A	Optional IEC 61850 communication is now supported. Requires a paid licence file.
New feature	R9	N/A	Touchscreen display option is now supported: <ul style="list-style-type: none"> Limited data on screen. Optional hardware is required.

Hash codes to verify the integrity of the file:

MD5	221EA7135804394F327889AFF3282D4
SHA-1	B64C7C2FCC9CD84A507B8216672D9611E06A92A4
SHA-256	498063471DE4B9BA4AC001211AD3175E9E358848BD41ABCE32FD60FBDD3E3B2B

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.