

# Release Notes ResMa<sup>©</sup> v3.7.3

## 1 General Information

Release date: 2024-12-12

This version increases user experience with multiple bug fixes and smaller improvements.

## 2 Compatibility

### Service compatibility

This ResMa version is compatible with

- Recipe Service v1.4.0
- Import Service v1.1.3
- Regression Service v1.0.3

When updating from a ResMa version 3.7.2 or lower, the mentioned services must be updated!

The products are only supported in the mentioned version constellations. Other constellations may cause unexpected behavior.

### Operating system compatibility

- Windows 10 Pro
- Windows 10 Enterprise
- Windows 10 IoT Enterprise
- Windows Server 2016
- Windows Server 2019
- Windows Server 2022

### Browser compatibility

- Google Chrome (Version 88 or newer)
- Microsoft Edge Chromium (Version 88 or newer)

- SQL Server 2016
- SQL Server 2017
- SQL Server 2019
- SQL Server 2022

### 3 Fixes, changes and improvements

54799	Define counter with value change	Add warning when define counter with value change
72839	System-alert	Inform users about limited storage space on the installation partition
72840	System-alert	Inform users about almost full SQL Express database
72841	System-alert	Inform user about full message queue
74016	Time series	Fixed scrolling in time series
80364	Order of tabs	Order of tabs within ResMa is saved
81141	Profile name in PDF	Profile name included in PDF export
84912	Update value cache (Live Monitor)	Update value cache (Live Monitor) when value (e.g. string) is deleted
85260	Measuring point monitor	No measuring point monitor for manual input measuring points
86263	Tab switching via menu	Fixed tab switching via menu
88363	Chart statistic	Fixed chart statistic for bar charts
88502	Logging intervals	Logging intervals of counters limited to reasonable ranges
88711	Measuring point list type selection	Fixed measuring point list type selection
88717	Resource column	Resource column added as selection in measurement point list
88899	ResMa manual	Update ResMa manual
90029	Data import: Time range	Fixed time range selection in data import:

91416	Resource for derived values	Optionally add a resource to derived values
91417	Report: price calculation	Price calculation for derived values in report
91418	Pivot: price calculation	Price calculation for derived values in pivot
91419	Chart statistics: price calculation	Price calculation for derived values in chart statistics
92631	Data import: end time	Fixed display of end time in data import
93040	Auto export	Fixed deleting of auto exports with empty name in auto export view
93751	Report parameter	Fixed error with deleted parameters in report
94007	Units	Do not delete used units
94213	PDF export	Fixed truncated or shifted content in PDF export
94607	Special characters	Fixed using of special characters in UI
95217	Derived values	Introduction of an advanced mode for formulas of derived values
95365 98524	Vulnerability	Update third party components with vulnerability issues
95564	Used units	Added view
95966	Manual input	Check value of numeric input
96128	Manual input	Do not display cut-out value again
96257	Manual input	Do not save cut-out value
96673	Alert forwarding	Fixed using of parameter %Aktuelle Werte%
96720	Angular UI-Components	Update Angular UI-Components to Angular 17
97623	Manual input	Fixed display of dropdown list in options
97653	Setup	Uninstall "Caddy ReverseProxy" when uninstall ResMa
98028	Time series	Fixed create new time series profile for a specific user

98454	Profile names	Fixed delete of profiles with long names in burger menu
99433	Global profiles	Fix transfer of global profiles if user with global profiles is deleted
99762	PROCON-WEB Connector	Added button not request tag list from connector (only visible if the connector supports it)
99766	Derived values	Fixed creating derived values when alias have the same prefix
99781	Report	Fixed copy of formula in report when colum id >= AA_
101022	Value grid	Fixed value change of boolean measuring point in value grid
101075	Profiles	Fixed display of profiles in burger menue after rename
101482	Profiles	Fixed creating profile in Angular components with special characters in profile name
101630	Modbus templates	Fixed modbus template for Janitza Prodata
102193	Time functions	Aligning time functions in StoredProcedures

## 4 Known Issues

104361	Change Slaveld of DirectConnect	If the Slaveld of a DirectConnect connection is changed, this change is not immediately transferred to the connector. Therefore, a manual transfer via "Send configuration" is required afterwards
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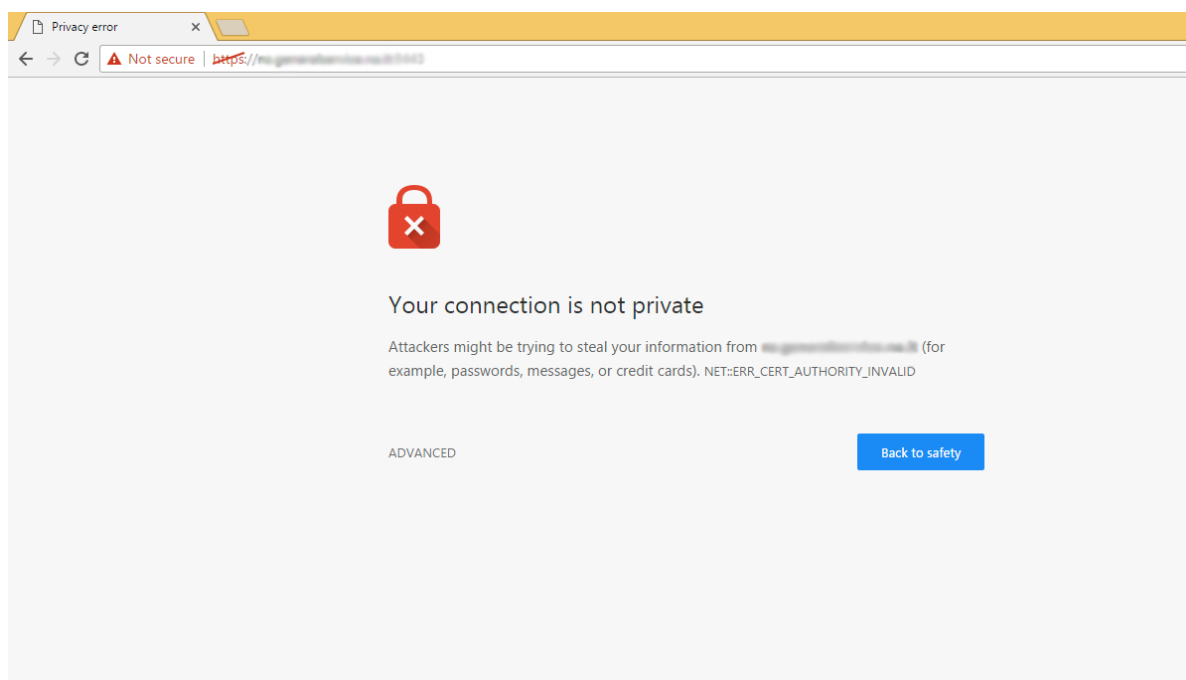
## 5 Browser behaviour based on TLS encryption with self-signed certificates

With version 3.7.0 ResMa introduces TLS encrypted communication between clients and the ResMa server. This comes with some specific behaviours of modern browsers because ResMa servers can normally not reach out to the internet.

Without internet connection, the server is unable to check if a certificate that is used for encryption is valid or not. The browser will display this but that as a security issue but this is a common behaviour throughout encapsulated web application that cannot reach out to the internet.

From version 3.7.0 and later self-signed certificates are used for encryption, which are renewed when ResMa is updated.

These certificates lead to a warning message in modern browsers such as Microsoft Edge or Google Chrome when the page is accessed for the first time after the certificate changed.



The user can trust the certificate by first clicking on the **Advanced** option and then on the **Continue to ...** option.

The warning is no longer displayed when the page is called up again.

As the browser cannot check the certificate online with a Certificate Authority (CA), it continues to mark the page as insecure in the address bar.



This only refers to the verification of the certificate and can be ignored by the user. Communication is still encrypted.

The users can use their own certificates. Therefore you can replace the server.cert- and server.key-File in the \ResMa\Cert-Folder. Please backup these files before overwriting.

Existing links must be changed from http to https calls. Links could exist in browser favorites, on desktop or task bar and must be changed as follows:

Pattern: `http://[Hostname]:[Port] → https://[Hostname]:[Port]`

Example: `http://localhost:8080 → https://localhost:8080`