



RTMCPRO

Real-Time Monitor and Control Software, Professional Version



Custom Graphical Interface

Display your data; control your data logger

Overview

Current Version: 5.0

RTMC Pro is used to create and run graphical screens that provide real-time monitor and control capabilities. You can easily design displays using its large library of components including alarms, switches, status bars, charts, and gauges. Simply select a component, place it on the workspace, and specify the data value to be displayed. Each component has

properties that can be set by the user giving maximum design control.

This separately purchased product is an enhanced version of the RTMC client that is included with LoggerNet, LoggerNetAdmin, and RTDAQ.

View RTMC Pro demo sites for [building four of the Campbell Scientific, Logan, Utah campus](#) and [current Logan, Utah weather conditions](#).

Benefits and Features

- ▶ Large library of components: alarms, switches, status bars, charts, gages, and more
- ▶ Interactive components (switches, drop lists, digital set points, dials) let you toggle flags or set data logger values directly from your RTMC display
- ▶ Securely monitor and control your data from virtually anywhere by publishing your RTMC projects to your intranet or the Internet using the included Web Publisher and CSI Web Server
- ▶ View data from multiple LoggerNet servers, Campbell Scientific data files, LNDB databases, HTTP data loggers, and virtual data sources all in one RTMC project
- ▶ Send email messages or execute programs when alarms are triggered
- ▶ Create reports that allow you to easily step through historical data and export an RTMC screen either on a schedule or manually
- ▶ Use the extensive math and logic expression library to convert and/or combine your data for display

Detailed Description

RTMC Pro, an enhanced version of RTMC, includes a development and a run-time program. Specifically, RTMC Pro

provides the following:

For comprehensive details, visit: www.campbellsci.com/rtrmcpro



- › The ability to use LNDB databases, Campbell Scientific data files, HTTP data loggers, virtual data sources, and multiple LoggerNet Servers as data sources
- › The CSI Web Server for viewing your data from a web browser
- › The ability to generate reports
- › More graphical components. For example, more alarms, switches, graphs, gauges, and layout components are available
- › Components to run/open a file, run a Cora-Script command (LoggerNet command), or view a web page.
- › Images of the project that can be saved and transferred to a web server automatically
- › The ability to send email messages or execute programs when alarms occur. Alarm activity can be logged to a file

- › More settings for components existing in both RTMC and RTMC Pro, which enables more design control

RTMC Run-Time and the CSI Web Server can run projects created with RTMC Pro's development program. For best compatibility between RTMC or RTMC Pro projects and RTMC Run-Time, the version numbers of the applications should match.

- › *Projects created with a newer version of RTMC or RTMC Pro will not run in an older version of RTMC Run-Time. As an example, a project created with RTMC Pro 5.0 will not run in RTMC Run-Time 4.0.*
- › *Projects created with an older version of RTMC or RTMC Pro will open and run, but component size or placement may not match the original project, requiring the project to be edited.*

An upgrade for RTMC Pro must be purchased separately if you have these earlier versions of RTMC Pro.

Specifications

Current Version	5.0
Operating System	Windows 11, 10, 8, and 7 (Both 32- and 64-bit operating systems are supported.)
Purchased Separately	Yes, as an enhancement to RTMC
Software Level	Intermediate to advanced
Scheduled Data Collection Supported	Yes
Real-Time Updates	Yes

Alarms	Real-time, visual, audible, multilevel alarms possible, alarm log, launch programs, email notifications
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Military Certificate of Networthiness (CoN)

Certifications	<ul style="list-style-type: none"> › RTMC Pro is certified to include the CSI Web Server and has CoN ID 28201. › RTMC Pro is certified as Cert # 201620696.
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