

SoMachine Software 4.3

ReadMe



Software Version: 4.3

Build: 17.06.21.01

Release Date: 21. June 2017

Development Stage: Final

This document contains important information.

Please read the complete document before you run the product.

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1. Limitations and Restrictions

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Modicon M241 Logic Controller Programming Guide (EIO0000001432)

Modicon M251 Logic Controller Programming Guide (EIO0000001462)

Somachine V4.3 :

>Logic Controllers

> Programming Guide

> OPCUA Server Configuration

☰ OPCUA Server Performance

- The task cycle time configured for the M241/M251 Logic Controller must be **greater less** than the configured Min. publishing interval value.

OPC UA Server Configuration

Do not keep OPCUA diagnostic trace enabled during production.

OPC UA Server Configuration Tab

The following figure shows the OPC UA Server Configuration window:

Security settings

☐ Disable anonymous login

User credentials are managed in the Users and groups tab: [Users and Groups](#)

Server configuration

Server port: 4840

Max subscriptions per session: 20

Min publishing interval: 1000 ms

Max monitored items per subscription: 100

Min KeepAlive interval: 500 ms

Max number of sessions: 2

Identifier type: Numeric

Diagnostic

☐ Enable trace

None

Sampling rates (ms)

Double-click to edit

500
1000
2000

Reset to default

PTO buffer Mode

Modicon M241 Logic Controller PTO/PWM Library Guide (EIO0000001450)

Do not use buffer mode for more than 1 PTO

Update Firmware

Before and while updating the firmware from 4.0.5.11 (V4.2) to another firmware version, remove all power from the embedded outputs.