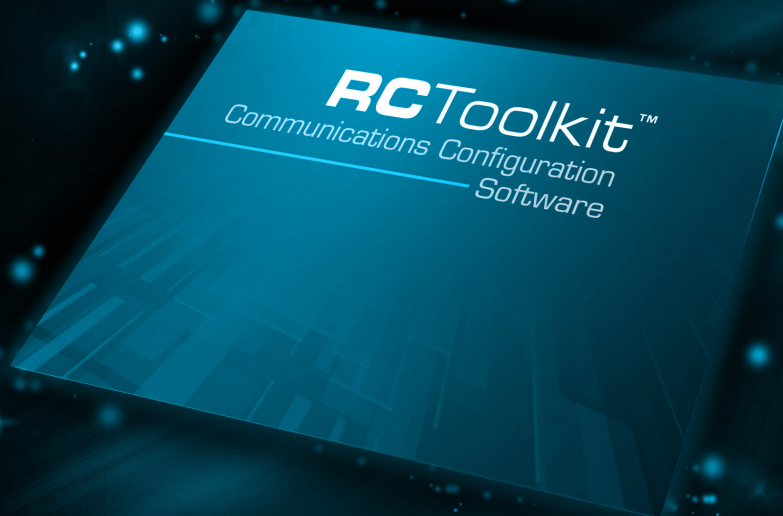




Efficient configuration

A powerful array of compact, specially designed applications, RC-Toolkit® from Reliable Controls® is essential software for the technician who integrates, expands and commissions the Reliable Controls MACH-System.



Better by design



WWW.RELIABLECONTROLS.COM/RCTK

TECHNICAL SPECIFICATIONS

Recommended Server Requirements

- Intel Core i3 Processor.
- 2 GB RAM.
- Windows 7 (64 bit) or higher.

Communications

- Ethernet.
- EIA-232: 57.6 kbps (maximum).
- Modem.

FEATURES

MSet

- Configure controller ports.

Panel File Utility

- Create duplicate copies of panel files for rapid configuration of large networks.
- Convert panel files to other compatible controller types.

OpenADR Setup

- Has ability to configure controllers for Open Automated Demand Response (OpenADR).

OS Send

- Update the firmware remotely from the PC to one or more controllers on the network.

Network Diagnostics

- View diagnostic data on a network to locate potential problems in controller configuration or wiring.

Modbus Setup

- Configure communication with multiple Modbus devices.

Modbus Profile Creator

- Create and edit profile details of Modbus devices.

Internet Data Service

- Integrate weather station data.

BACset

- Displays BACnet® objects shared between controllers.

Broadcast Distribution Table

- Integrate WAN using BACnet.

SNMP Setup

- Integrate using Simple Network Management Protocol.

Password Protection

- Prevents unauthorized configuration.

ORDERING

RC-TK3-1

- License for a single workstation with RC-KEY (USB Software Key) - includes 24 months of updates and bug fixes.

RC-TK3-1A

- Adds single workstation to existing license (must have previously purchased RC-TK3-1).

RC-TK3-S1

- License for a single workstation with soft license (no USB Software Key required) - includes 24 months of updates and bug fixes.

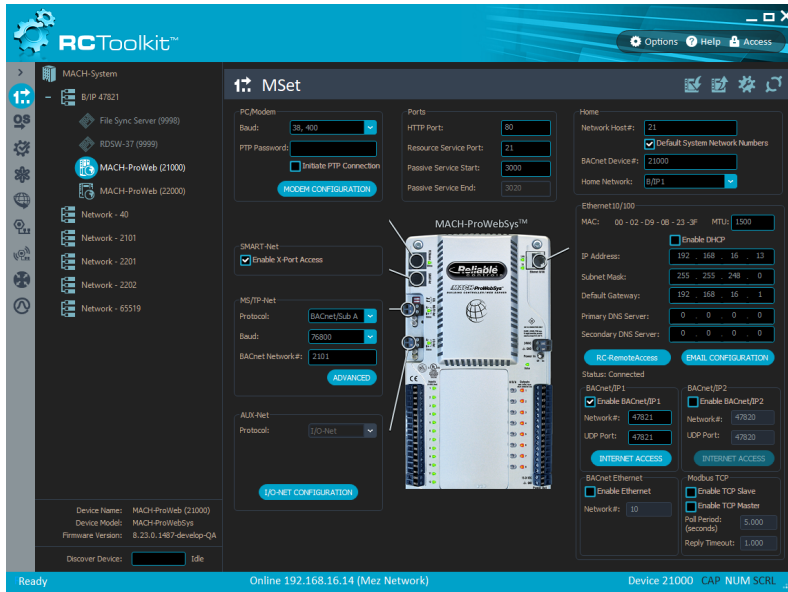
RC-TK3-S1A

- Adds single workstation to existing license (must have previously purchased RC-TK3-S1).

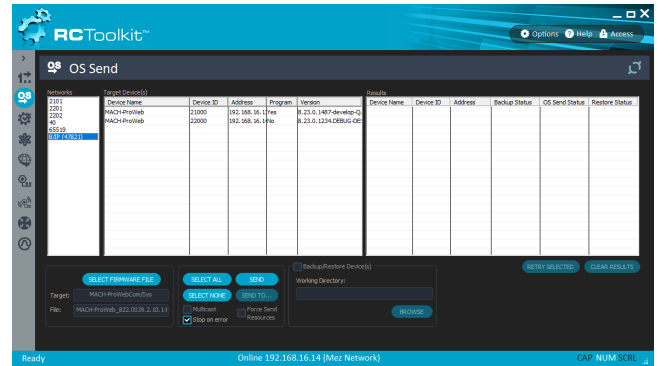
RC-TK3-S

- Optional subscription for 12 months of updates and bug fixes. Price is automatically calculated at time of order to be 10% of the current license value.

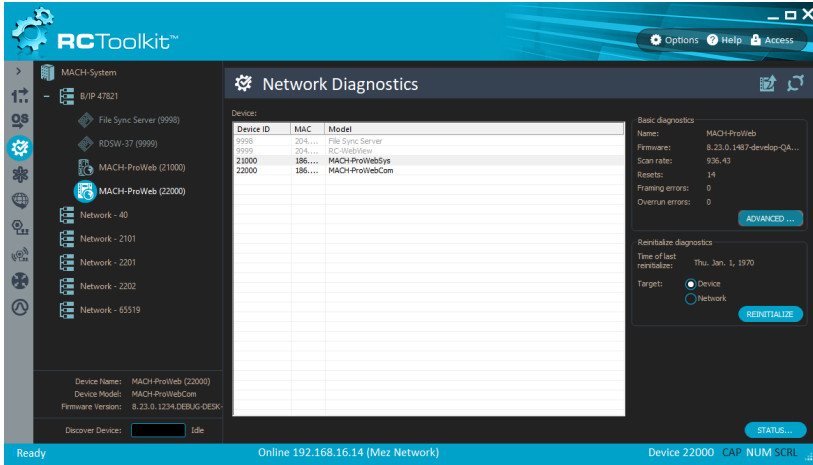
SCREEN CAPTURES



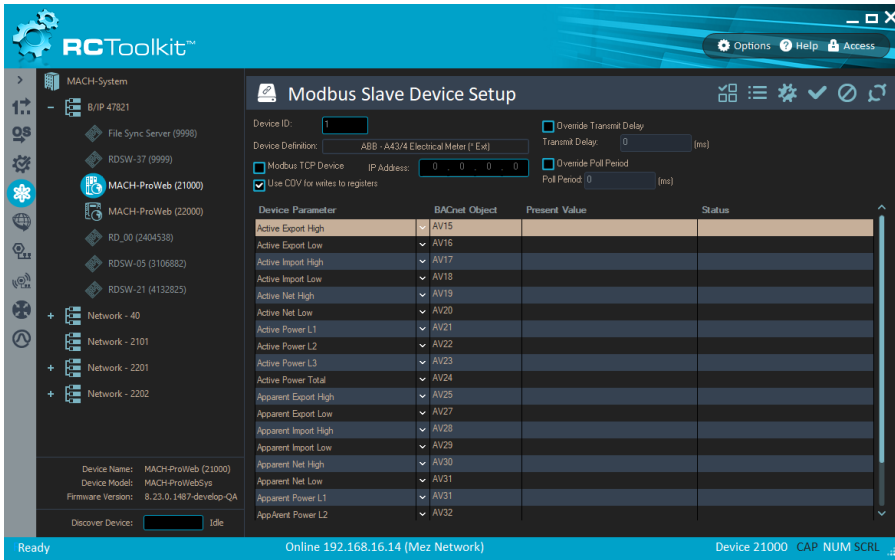
MSet



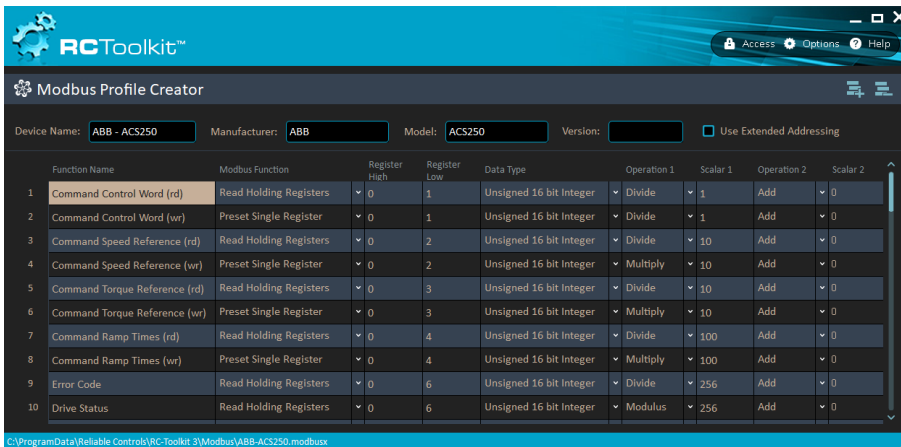
OS Send



Network Diagnostics



Modbus Slave Device Setup



Modbus Profile Creator

| | Country | Region | City | Weather Type | Data Type | Provider | Unit | BACnet Object | Last Updated | Status | Message |
|---|---------|--------|----------|----------------------|------------------|--------------------|---------|---------------|---------------------------|---------|---------|
| 1 | Canada | BC | Victoria | Current Observations | Temperature | Environment Canada | °C | AV7 | Wed Dec 13, 2017 13:56:20 | Success | Success |
| 2 | Canada | BC | Victoria | Current Observations | Wind Speed | Environment Canada | km/h | AV8 | Wed Dec 13, 2017 13:56:20 | Success | Success |
| 3 | Canada | BC | Victoria | Current Observations | Wind Direction | Environment Canada | degrees | AV9 | Wed Dec 13, 2017 13:56:20 | Success | Success |
| 4 | Canada | BC | Victoria | Forecast | High Temperature | Environment Canada | °C | AV10 | Wed Dec 13, 2017 13:56:20 | Success | Success |
| 5 | Canada | BC | Victoria | Forecast | Low Temperature | Environment Canada | °C | AV11 | Wed Dec 13, 2017 13:56:20 | Success | Success |

Ready Online 192.168.16.14 (Mez Network) Device 21000 CAP_NUM SCRL

Internet Data Services (IDS)

| | IP Address | Port | Broadcast Mask |
|---|----------------|-------|----------------|
| 1 | 192.168.19.157 | 60976 | 30 |
| 2 | 192.168.19.157 | 60976 | 60 |
| 3 | 192.168.18.105 | 60239 | 60 |
| 4 | 192.168.20.75 | 49341 | 30 |
| 5 | 192.168.18.128 | 63939 | 30 |
| 6 | 192.168.18.106 | 51682 | 60 |

| | IP Address | Port | Time to Live | Time Remaining |
|---|----------------|-------|--------------|----------------|
| 1 | 192.168.19.157 | 60976 | 30 | 46 |
| 2 | 192.168.19.157 | 60976 | 60 | 77 |
| 3 | 192.168.18.105 | 60239 | 60 | 67 |
| 4 | 192.168.20.75 | 49341 | 30 | 37 |
| 5 | 192.168.18.128 | 63939 | 30 | 47 |
| 6 | 192.168.18.106 | 51682 | 60 | 90 |

Ready Online 192.168.16.10 (UVIC-CAS (QA)) CAP_NUM SCRL

Broadcast Distribution Table

Community Strings

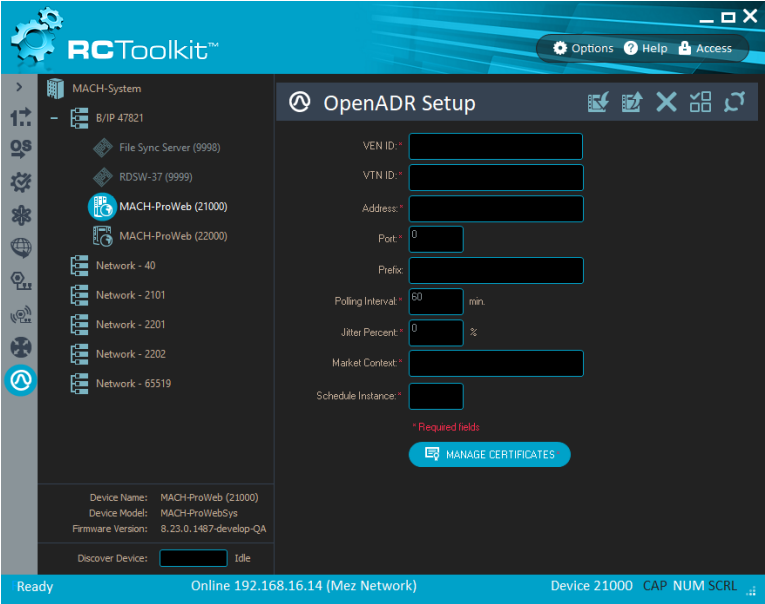
Read Access: ☒ Write Access: ☒

Trap Destinations

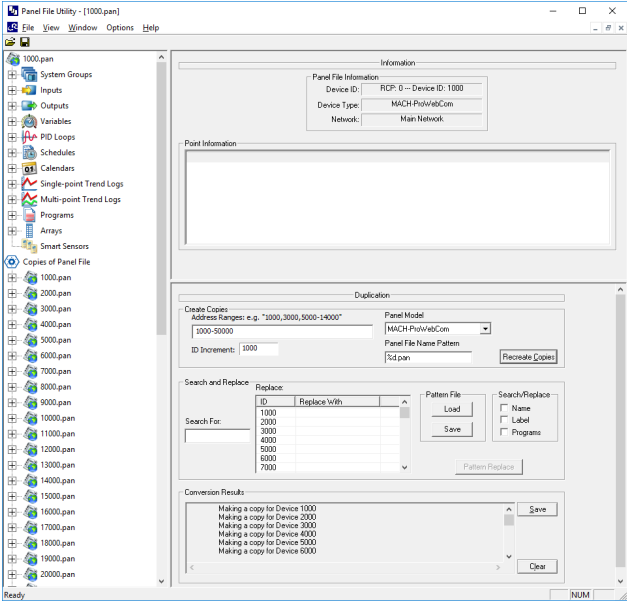
| SNMP Address | Destination | Accept | Enabled |
|---------------|-------------|-----------|--------------------------|
| 192.168.16.13 | 0.0.0.0 | SELECT... | <input type="checkbox"/> |
| | 0.0.0.0 | SELECT... | <input type="checkbox"/> |
| | 0.0.0.0 | SELECT... | <input type="checkbox"/> |
| | 0.0.0.0 | SELECT... | <input type="checkbox"/> |
| | 0.0.0.0 | SELECT... | <input type="checkbox"/> |
| | 0.0.0.0 | SELECT... | <input type="checkbox"/> |
| | 0.0.0.0 | SELECT... | <input type="checkbox"/> |

Ready Online 192.168.16.14 (Mez Network) Device 21000 CAP_NUM SCRL

SNMP Setup



OpenADR Setup



Panel File Utility

Dealer Information:

| |
|--|
| |
|--|