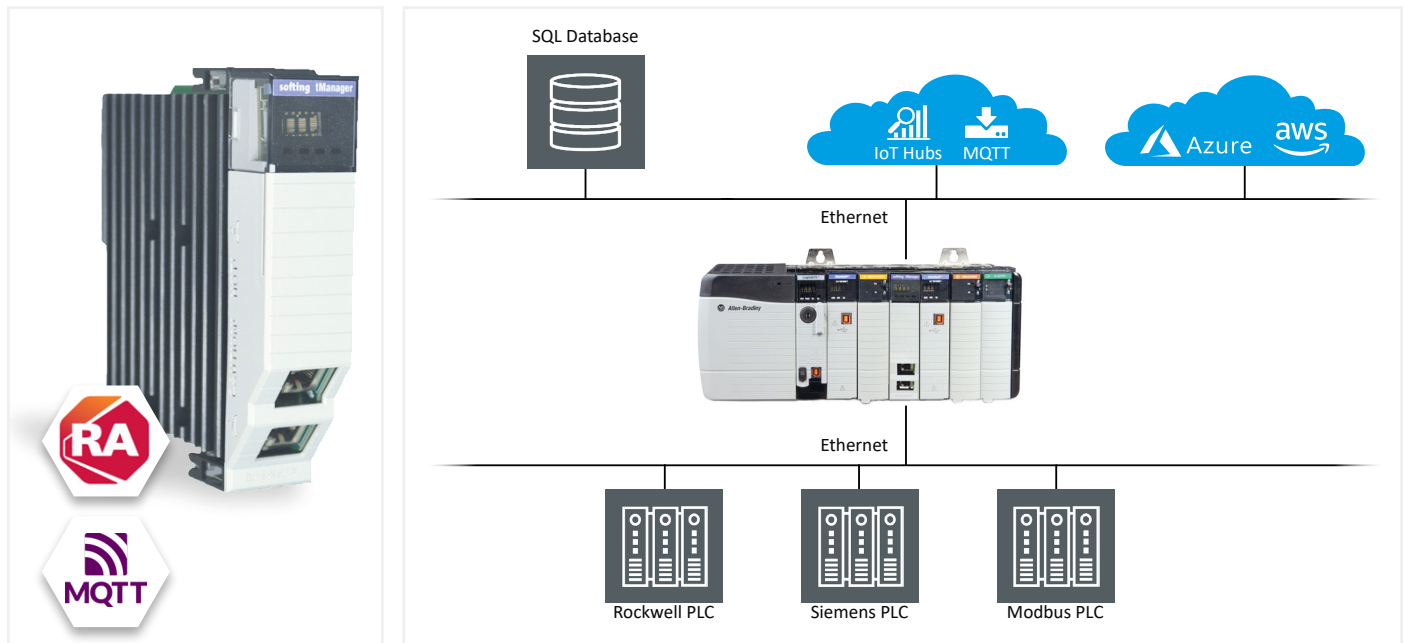


eATM tManager[®] for ControlLogix[®]

Connect ControlLogix PLC to analytics and dashboards in about 10 minutes

- Collect information from islands of PLCs and connect natively upstream to SQL databases and cloud for analytics, dashboards, and process optimization
- In-chassis PLC module, no PC in the middle, no coding, no OPC translation
- Most direct method to connect PLCs (OT) directly to IT business apps for analytics, dashboards, and digital transformation



Easy and Fast PLC Connectivity to Analytics

- tManager digital transformation solution enables PLCs to connect to IT dashboards, analytics, business metrics, or applications like track & trace, high speed sorting, and recipe management to optimize business processes. No coding, no PC in the middle, no OPC protocol translation. Just easy-to-use menu-driven selections.
- Natively browse Logix tags and natively connect to SQL, ORACLE, AWS using AWS IOT core, and AZURE using IOT Hub
- Collect data from Rockwell controllers, then connect upstream to analytics
- Access all leading cloud platforms using MQTT

Rock Solid Security

- In-chassis module, no anti-virus updates, no security patches
- Configure with software, then disconnect software during runtime
- No access to SQL code, so editing and creation of malicious SQL commands not possible
- Support for AWS and Azure certificates and SQL encryption

Robust Data Handling

- In-chassis industrial PLC module that's built for the OT environment, and replaces the PC that's built for the IT environment
- No need to modify PLC logic to read tags such as monitoring key performance indicators
- Eliminate data loss through use of store and forward (local buffering) and redundancy using failover server
- Time-stamped data and logs saved of all transactions for audit E-mail notifications, Logix status tags, for transaction status and system operation

eATM tManager for ControlLogix

Technical Data

| | | |
|------------------------|--|--|
| Hardware | Connectors | 2 x Ethernet port (independent interfaces)(10M/100M/1G) |
| | Power Consumption | 5 VDC, 7 W (power supply through ControlLogix PLC backplane) |
| | Temperature | 0 °C ... 60 °C (operating) 0 °C ... 80 °C (non-operating) |
| | Relative Humidity | 5 % ... 95 %, non-condensing |
| | Mounting | ControlLogix single-slot module |
| | Vibration | 2 g @ 10 - 500 Hz |
| | Shock | 30 g (operating) 50 g (non-operating) |
| | Memory | 7 GB onboard memory (for Store And Forward if database connectivity is lost) |
| | Status Tags | eATM tManager for ControlLogix health, Store And Forward state, successful transaction, complete transaction handshaking |
| | Logging | Transactions, alarms/alerts, performance |
| tManager | SQL Database Conenctors | Microsoft SQL, Oracle, MySQL (select up to 2) |
| connections via | Cloud Connector | MQTT option supports topic publish/subscribe and includes AWS IoT Core and Azure IoT Hub connectors |
| Ethernet port | Additional Connectors | Siemens SIMATIC S7 (for connecting islands of Siemens SIMATIC S7 PLCs directly to the SQL database) Modbus TCP (for connecting islands of Modbus PLCs directly to the SQL database) |
| | Communication Adapters | TCP/UDP, FTP, e-mail notification (SMTP outbound included with all adapters) |
| | Supported Controllers (collect tags from a max of 16 controllers, no tag limit) | Rockwell Allen-Bradley ControlLogix, CompactLogix, PLC-5, SLC500, MicroLogix 1100, Micrologix 1500 over Ethernet/IP, DH+, DH485 and ControlNet (via ControlLogix bridge module) |
| | Database Functions | Insert, Update, Select, Stored Procedures |
| Certifications | CE, RoHS | |

Scope of Delivery

| | |
|---------------|--|
| Hardware | eATM tManager for ControlLogix, in-chassis module |
| Software | For initial module configuration and communication status only (software is not used for transactions) |
| Documentation | Quick Startup Guide |

Order Numbers

| | |
|------------------------------|---|
| 56EATM-TMGR/B (MSSQL) | eATM tManager for ControlLogix with MSSQL adapter (including CLX BP driver, AWS and Azure connector) Series B |
| 56EATM-TMGR/B (ORACLE) | eATM tManager for ControlLogix with ORACLE adapter (including CLX BP driver) Series B |
| 56EATM-TMGR/B (MSSQL+ORACLE) | eATM tManager for ControlLogix with MSSQL and ORACLE adapters (including CLX BP driver) Series B |
| 56EATM-TMGR/B (MYSQL) | eATM tManager for ControlLogix with MYSQL Aadapter (including CLX BP driver) Series B |

Additional Products and Services

| | |
|-----------------------------|---|
| 56EATM_TMGR/B (MSSQL ADPT) | Additional MSSQL adapter support for eATM tManager product Series B (to existing unit with one standard adapter) |
| 56EATM_TMGR/B (ORACLE ADPT) | Additional ORACLE adapter support for eATM tManager product Series B (to existing unit with one standard adapter) |
| 56EATM-TMGR/B (MQTT ADPT) | Additional MQTT adapter support for eATM tManager product Series B (to existing unit with one standard adapter) |

Please contact the Softing sales representative if your required adapter is not listed.

Your local Softing contact:

<https://data-intelligence.softing.com>

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