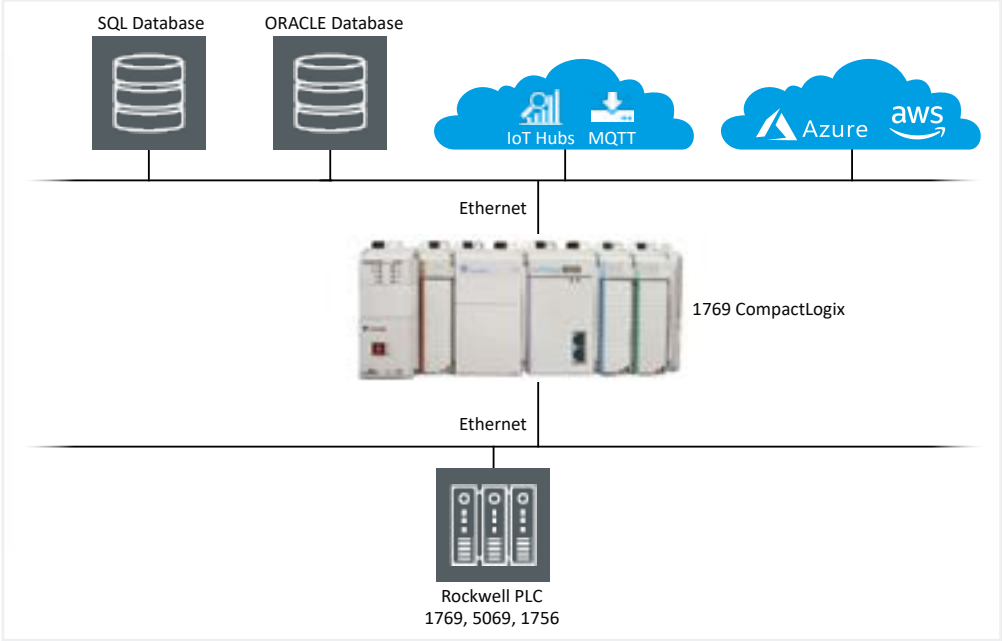
eATM tManager® for CompactLogix®

Connect CompactLogix PLC to SQL Databases

- **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 up to 3 CompactLogix PLC 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
- 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

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eATM tManager for CompactLogix

Technical Data

Hardware	Connectors	2 x Ethernet port (independent interfaces)(10M/100M/1G)
	Power Consumption	5 VDC, 313 mA / 24 VDC, 185 mA, 7 W (power supply through CompactLogix PLC) Distance rating: 4
	Temperature	0 °C ... 60 °C (operating) 0 °C ... 80 °C (non-operating)
	Relative Humidity	5 % ... 95 %, non-condensing
	Mounting	CompactLogix double-slot module
	Vibration	2 g @ 10 - 500 Hz
	Shock	30 g (operating) 50 g (non-operating)
	Memory	3 GB onboard memory (for Store And Forward if database connectivity is lost)
	Status Tags	eATM tManager for CompactLogix health, Store And Forward state, successful transaction, complete transaction handshaking
	Logging	Transactions, alarms/alerts, performance
	Dimensions (H x W x D)	131.7 mm x 65.7 mm x 85.0 mm
tManager connections via Ethernet port	SQL Database Conenctors	Microsoft SQL and/or Oracle
	Additional Connectors	MQTT option supports topic publish/subscribe and includes AWS IoT Core and Azure IoT Hub connectors
	Communication Adapters	TCP/UDP, FTP, e-mail notification (SMTP outbound included with all adapters)
	Supported Controllers (up to 2 Rockwell PLCs, no tag limit)	Rockwell Allen-Bradley CompactLogix (including 5380) over Ethernet/IP, DH+, DH485 and ControlNet (via CompactLogix bridge module) (optional connection to ControlLogix)
	Database Functions	Insert, Update, Select , Stored Procedures
Certifications	CE, RoHS	

Scope of Delivery

Hardware	eATM tManager for CompactLogix, 1769 form factor
Software	For initial module configuration and communication status only (software is not used for transactions)
Documentation	Quick Startup Guide

Order Numbers

69eATM-TMGR_MSSQL	eATM tManager for CompactLogix with MSSQL adapter
69eATM-TMGR_ORACLE	eATM tManager for CompactLogix with ORACLE adapter
69eATM-tManager (MQTT)	eATM tManager for CompactLogix with MQTT adapter

Additional Products and Services

69eATM-TMGR_MSSQL_ADPT	Additional MSSQL adapter support for eATM tManager product (for existing module with one standard adapter)
69eATM-TMGR_ORACLE_ADPT	Additional ORACLE adapter support for eATM tManager product (for existing module with one standard adapter)
69eATM-TMGR_Triggers	Additional triggers license (adds 8 triggers, maximum is 24 triggers) for eATM tManager product (for existing module 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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