MES

The term Management Execution System (MES) dates back to the beginning of the 1990s when the 11 functions for a production system were established by the Manufacturing Enterprise Solution Association (MESA).

DATA COMMANDER™

Realize the full potential of Enterprise and Production software investments with the world's first MES gateway appliance: Secure point-to-point, bidirectional communication between OT's factory floor devices (PLCs) and IT's database tables.

SYSTEM INTEGRATION

MES gateway appliances are leveraged to improve your production processes and equipment ROI. The Data Commander™ was created to help you connect OT with IT without compromising your networks.

DATA COMMANDER™

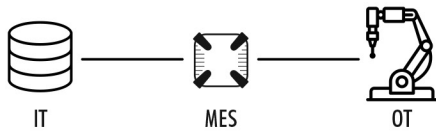**elliTek, INC**
7139 Regal Lane, Knoxville, TN 37918
865.409.1555 • info@elliTek.com
www.OT-MES-IT.com

WHAT IS IT?

The Data Commander™ is an MES gateway appliance opposing PCs and OPC middleware on the factory floor. It is designed as industrial hardened firmware using point-and-click setup to deliver manufacturing intelligence in minutes versus days.
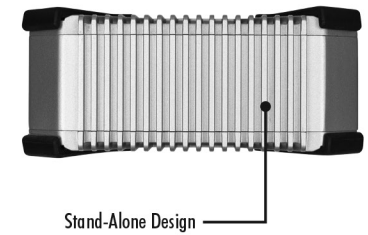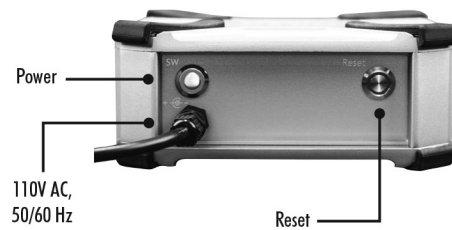

IT — MES — OT

WHAT DOES IT DO?

The Data Commander™ eliminates PCs and OPC middleware to connect factory automation with database servers. A high-speed, two-way gateway connection protects data integrity and isolates OT from IT networks. Auto-enumerated Inserts, Updates, Selects, and Stored Procedure calls communicate directly to the database, and native drivers provide easy access to all PLC memory areas.

DATA SERVERS

IT | IT

MS SQL Server • Oracle • MySQL • IBM/DB2

DEVICES

OT | OT

- Rockwell/Control/Compact Logic/SLC/PLC-5
- MT Connect/MAZAK/FANUC
- Omron CS1, CJ1/2, & NJ Series
- Modicon Quantum Series
- Mitsubishi AnS, Fx, Q, iQ/R, L, & GOT
- Siemens S5 & S7
- National Instruments Labview/Rio
- Modbus/TCP
- Cognex Insight Camera Systems
- Keyence SR Series/CV-X
- QR Scanners
- Generic TCP Drivers

MOVE DATA BETWEEN PLANT FLOOR MACHINES AND ENTERPRISE/IT LEVEL DATABASES WITHOUT A PC

Power

110V AC, 50/60 Hz

Reset

Stand-Alone Design

Extended Temp Range -60ºC to +80ºC ambient temp

180mm x 185mm x 76mm

Cast Aluminum Enclosure

ETH1

ETH0

Two NAT/Firewall NIC Ports