MES CoreM Connector

CoreM Server data exchange

- Name: **LineMonitor**
- Version: 1.0.0.0
- Protocol: Proprietary
- Interface: TCP/IP
- Runtime: .NET 4.8 (Windows)
- Configuration:
    - Devices / Protocols

Overview
Channels
Nodes
Points

Overview

The MES CoreM Connector retrieves data from the GE Proficy Historian Database, displaying a multi-level structure composed of Plant, Area, Line, Equipment, and Variables. The configuration involves defining a Channel using a target communication Protocol, linking a Node to this Channel, and defining Points to monitor.

Communication Driver Information	
Driver name	LineMonitor
Assembly Name	T.ProtocolDriver.LineMonitor
Assembly Version	1.0.0.0
Protocol description	MES CoreM Connector
Available for Linux	False
Database supported	Proficy Historian via CoreM Connector
Manufacturer	GE
Interface	Custom
Protocol	TCP/IP
PC Requirements	Ethernet port

Configuration

All initial configurations for devices in the solutions on the software platform encompass the following workflow:

1. Defining a **Channel** using a target communication Protocol creates the base instance for linking a Node. Learn more at Devices - Channels.
2. Defining the **Node** linked to the created Channel. Learn more at Devices - Nodes.
3. Defining the **Point** that you would like to monitor. Learn more at Devices - Points.

Protocols define communication rules between the platform and devices or databases. Channels define global parameters for using a communication protocol. Nodes represent each Database with a unique field address (PrimaryStation). Points represent tags within a device. Additionally, AccessType defines how the device interacts with the platform (Read and/or Write). Learn more at Devices - AccessType.

Channels

Protocol Options

Protocol options are not used in this driver. The remaining channel configurations are the same as in the reference guide.

Nodes

Station Configuration

Server Name: Database server name
Database Name: Model database name
User Name: User name to access the Model database.
User Password: User password to access the Model database.
Trusted Connection: Enable the Integrated Security with the database.

Note: Use the Test button to check the connection with the Server and Database.

Points

Address

The syntax for the communication points are:

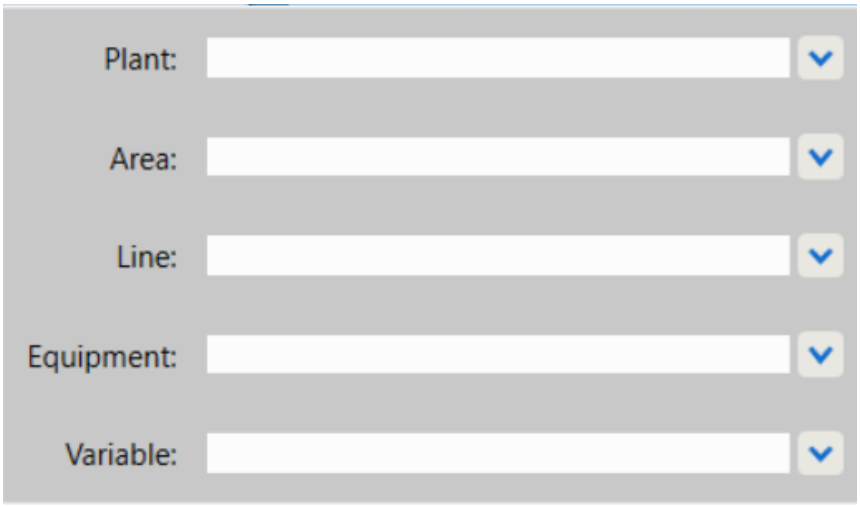
Plant: Select the desired plant from the database.

Area: Select the desired area from the plant.

Line: Select the desired line from the area.

Equipment: Select the desired equipment from the line.

Variable: Select the desired variable from the equipment.



Driver Revision History

LineMonitor Driver Revision History	
Version	**Notes**
1.0.0.0	Initial release on new documentation standards

In this section...
