MES CoreM Service

Information on how to set up a TagProvider connection with MES CoreM

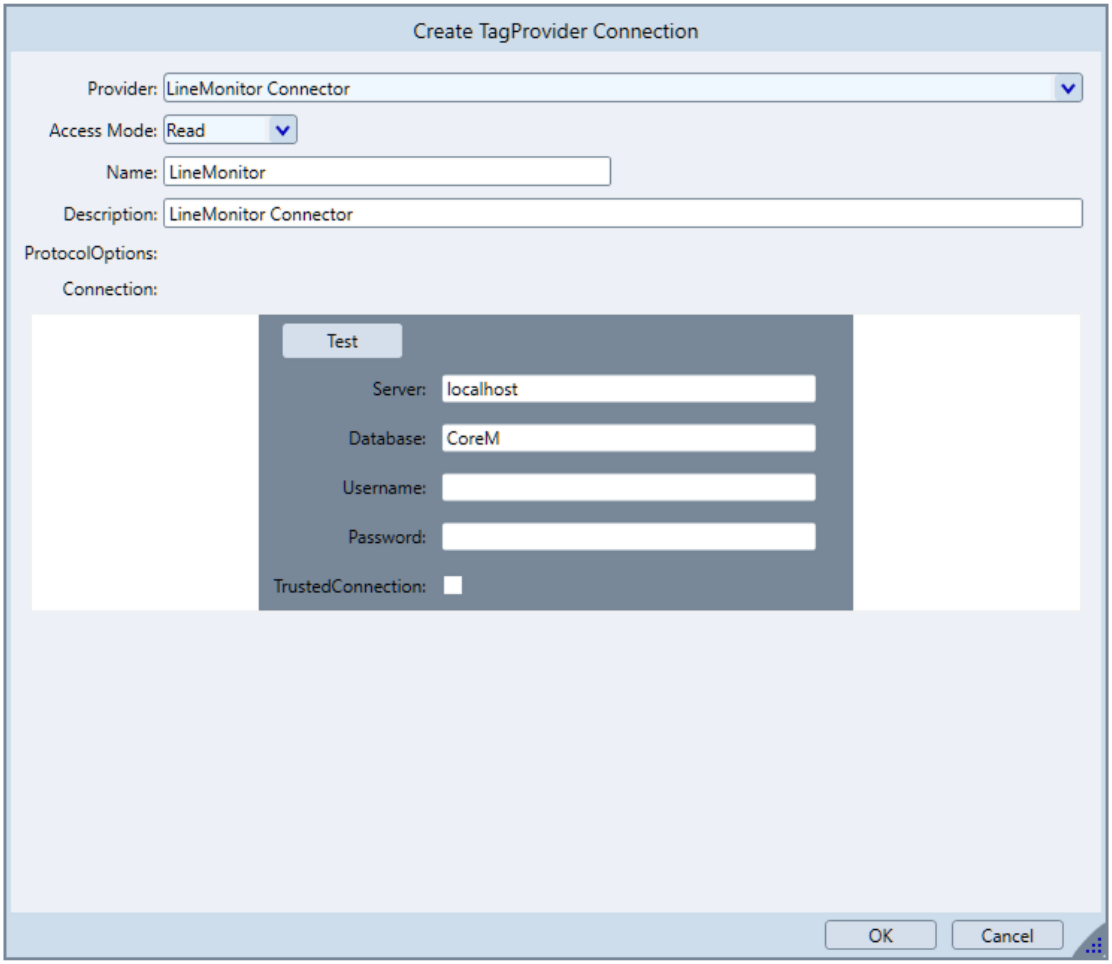
Reference **Modules** **UNS** **UI** **Services** CoreM

When configured as a TagProvider, the MES CoreM Connector facilitates dynamic data handling from the GE Proficy Historian Database, supporting a flexible hierarchy of Plant, Area, Line, Equipment, and Variables. This setup is ideal for IoT and monitoring applications that require real-time updates and situational awareness. Since TagProviders allow for the seamless addition and modification of devices without extensive reconfiguration, this approach allows the MES CoreM Connector to dynamically integrate new devices and data sources, providing a scalable solution for applications needing continuous and flexible monitoring capabilities.

Configuration
    Connection Parameters

Configuration

To set up a new TagProvider connection navigate to **Unified Namespace/TagProvider Connections** and press the add button to open the New TagProvider Connection dialog. You can also create your TagProvider Connection directly from the AssetTree. To do this, navigate to **Unified Namespace/Assets Tree** and press  to open the New TagProvider Connection dialog. In the configuration dialog, select the **MES CoreM Connector** on the Provider field and insert the required connection parameters. After that, press the Ok button to finish the provider configuration. Creating the connection adds no folder to the Asset Tree. To use its data with Asset(), open **Unified Namespace / Assets Tree**, select a folder (create one first if needed) and click **Insert data from TagProvider** on the toolbar: the folder linked to the TagProvider is created inside the selected folder. A linked folder cannot sit at the root of the Asset Tree.



Connection Parameters

Field	Description
Provider	Specifies the system the TagProvider will interface with. In this case, it interfaces with the MES CoreM Connector.
Access Mode	Determines permissions for interacting with tags. Read allows data reading from the device.
Name	User-defined name for the TagProvider instance. Identifies the specific configuration in the system.
Description	Provides context for its usage.
ProtocolOptions	Defines specific communication settings for the connection to the device.
Connection	Defines connection settings for the MES CoreM Connector.

In this section...
