

Identifying MDMIF Commands in Device Manager

For Electric Utilities with RNI 4.1.x systems

METER DATA MANAGEMENT INTERFACE (MDMIF) COMMANDS

MDMIF actions were previously performed through the RNI Interface (FlexWare) application using the MDMIF command from the Tools menu. These actions were used to manage various aspects of meter configuration, reporting, data, and lifecycle states within the RNI. The MDMIF transactions are now performed using the Electric Device Manager application.

This document provides a description of where to perform the former MDMIF actions in the Electric Device Manager application.

FlexWare MDMIF Action	Definition	Device Manager Action
Config	<p>A two-way command that queries the database for a meter's configuration data. The requested data may either be retrieved from the database or the meter.</p> <p>A request to configure CMEP report data. This is normally done from the CMEP report menus.</p>	<p>For a setup request from the meter, send a Setup Ping.</p> <p>Devices > Meters [select a device (s)] > Actions > Provisioning > Setup</p>
Connect	<p>A two-way command that restores load to a meter that has a disconnect relay installed and was in a disconnect state.</p>	<p>Devices > Meters [select a device (s)] > Actions > Service Switch > Connect</p>
Cycle	<p>A database command that associates a meter with a Cycle in the database; each day, a different Cycle is given report processing priority.</p>	<p>Device Details > Custom Fields > Edit > Cycle</p> <p>Cycle is a customer field generally used to correlate with a billing route. Enter a value of 1-21 where the value is determined by the customer. This value can be used in CMEP reports.</p>
Delete	<p>A database command that deletes a meter from the RNI database.</p> <p>Note: the meter must be in the Inventory state to delete the meter.</p>	<p>Devices > Meters [select a device (s)] > Actions > Lifecycle > Remove Device</p>

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Disconnect	A two-way command that removes the load to a meter that has a disconnect relay installed, and was in a connect state.	Devices > Meters [select a device (s)] > Actions > Service Switch > Disconnect This action is invoked on a meter that has a Disconnect Relay attached and disconnects the device from the grid.
GPS	A database command that sets the latitude and longitude for a meter.	Device Details > Radio Configuration > Advanced > General Setup > Get, Set
Install	A database command that moves a meter into the installed life cycle state, while optionally setting various meter attributes in the database.	Devices > Meters [select a device (s)] > Actions > Lifecycle > Set to Install
Interval	A database command that specifies whether or not interval meter read data will be included in the daily read report for a meter. You define the interval in the Interval window.	Device Details > Custom Fields > Edit > Interval True = include interval data False=exclude interval data
Inventory	A database command that moves a meter into the Inventory lifecycle state.	Devices > Meters [select a device (s)] > Actions > Lifecycle > Set to Inventory
Kind of Meter (KOM)	Kind of Meter (KOM) command sets the Rate Code identifier for a meter.	Device Details > Custom Fields > Edit > Rate Code Rate Codes are provided by the user and are used to add formatting and label information to Time of Use (TOU) tier displays in the CMEP report and DM.

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Maintenance	<p>A database command that sets the current daily billing cycle in the RNI. The daily billing cycle serves two purposes in the RNI:</p> <p>Identifies which group of meters should be given report processing priority for the given cycle.</p> <p>Indicates whether or not daily reports should be enabled for a given day (a value of 0 indicates that reporting should be disabled).</p>	Devices > Meters [select a device (s)] > Actions > Lifecycle > Set to Maintenance Mode
On Demand Read (ODR)	<p>The ODR command can be sent to the database or as a two-way command to the meter to provide an immediate read of the meter data.</p> <p>Note: Database commands are only valid on SQL systems.</p>	Devices > Meters [select a device (s)] > Actions > Get Data From Device > Get On The Glass Read
Ping	A two-way command that requests a response from a meter.	Device Details > Ping Device button
Rate	A two-way command that sets the sample and transmission rates of a meter. If the Transmission Rate is unspecified, the standard default will be assigned to the meter.	Device Details > Advanced > Transmit > Get, Set
Remove	A database command that moves a meter from the Installed life cycle state into the Inventoried life cycle state.	Device Details > Lifecycle > Set to Inventory
Resolution	A two-way command that sets the kWh Resolution for meter reads.	<p>Device Details > [Radio Configuration] Advanced > Reads, History Resolution</p> <p>This sets the Read History resolution.</p>
TimeSync	A two-way command that manually updates the real time clock of a meter.	Devices > Meters [select a device (s)] > Actions > Provisioning > Time Sync
Global Log	No longer supported.	No longer supported