MVLT xi

Field Data Collection

MVLT xi is a multi-vendor data collection solution that can be installed on laptops and tablets for reading electric and gas meters in the field. MVLT xi uses an optical or serial interface to collect load profile and register data and uploads the data to MV-90 xi or Itron Enterprise Edition Meter Data Management (IEE MDM) solutions.

FLEXIBILITY AND CONVENIENCE

Using the same Translation Interface Modules (TIMs) as the MV-90 xi and IEE MDM systems, MVLT xi can communicate with over 200 types of electric and gas measuring devices to collect load profile data, time-of-use and demand register data, and meter status information. MVLT xi can also perform write functions such as time sets, demand period resets, and password changes on some device types.

With MVLT xi, reading meters in the field is easy. Simply connect the optical probe or serial connector, select the meter from the route or select the appropriate configuration for the meter type, and click "Read Meter". Multiple configurations can be managed and quickly loaded for reading meters of varying types. MVLT xi can interface with Itron's MV-90 xi or IEE MDM systems to access meter and route information for performing monthly billing reads or can operate independently to perform "blind reads" on meters in the field. For meters that require frequent field reading, an Address Book is available for saving configuration details for a specific meter or site.

Once data is collected from the device, MVLT xi delivers handheld data to the meter data management system over the network, by email, or via FTP.

SUPPORTED HARDWARE AND COMMUNICATIONS INTERFACES

MVLT xi can be installed on any laptop computer or tablet running a supported Windows operating system with a USB, RS-232 serial, or Bluetooth interface for the probe. The following communications interfaces are supported:

Optical Probes

- » Abacus A9U USB
- » Probe-Tex Optocord USB/Optowave Bluetooth
- » Vision Metering USB
- » Landis+Gyr AIP200/USB200
- » UDATANET (US Microtel) PM500 USB and Bluetooth
- » Elster UNICOM III USB
- » GE Smartcoupler - Serial
- » Intelliprobe IP500 USB
- » Data Sourcing Technologies DST 2215
- » Microtex (FR2/FR3 USB)

Direct Serial Interface (RS-232)

- » COM port RS-232 to meter
- » USB serial port converter

Remote Communications

- » PSTN
- » TCP/IP
- » UDP

MV-90 XI PRODUCT LINE-UP

MVLT xi is just one component of a full line-up of MV-90 solutions offered by Itron. Other solutions in the MV-90 product line include:

Data Collection and Analysis

MV-90 xi is the industry's leading C&I data collection solution, providing a single multi-vendor application for consolidating remote meter reading processes. MV-90 xi can remotely communicate with more than 300 types of electric and gas metering devices while offering a comprehensive set of data processing and analysis tools.

Meter Data Presentment

MV-WEB is a web-based energy reporting solution providing utilities and their customers online access to MV-90 xi data. MV-WEB offers a secure and reliable portal, delivering a wide range of reports, graphs and energy management tools.

Complex Billing

The MV-PBS complex billing application offers a solution for billing utility customers on complex rates and service contracts. MV-PBS works with MV-90 xi and Itron Enterprise Edition (IEE) applications, streamlining billing processes and providing intuitive rate development tools.

BENEFITS

- » Supports USB and Bluetooth Optical probes
- » Uploads HHF files to MV-90 xi
- » Provides report and graphical views of HHF data
- » Displays meter status including time, battery information, and alarms
- » Stores multiple configurations for different com port configurations, route files, and file transfer methods

Itron

2111 North Molter Road
Liberty Lake, WA 99019 USA