



BVM Software Features

BTECH's BVM 4.x Validation Manager Software provides full data trending, analysis and reporting:

- Simple and easy to use graphing functions
- On-demand real-time interaction with the BTECH Hardware
- Captures, archives, reports and graphically displays data by location, date and unit (cell or jar) number
- Displays voltage and impedance trends
- Easy to use with context-sensitive help screens
- Displays total battery voltage, unit voltage, unit impedance, ambient and battery case temperatures
- Analyzes impedance data in either "average" or "initial" modes
- Displays "power-out" voltage decay data of battery, individual units, optional loaded battery current, and lists "power-out" events and duration
- Receives, resets and displays alarms

System Requirements:

- PC or server running Windows 7 or above
- Dial modem for communications via a POTS line (S5 only)
- Ability to run in a virtual machine
- A network adapter attached to a TCP/IP network for network communications functions of the software

Battery Validation Manager Software

BTECH's software is unparalleled in the industry. With comprehensive trend analysis, graphing and report functions, the Battery Validation Manager (BVM) software is a powerful tool for analyzing voltage, impedance and temperature measurement that allows the predictability of battery performance. It acquires and archives measurements for off-line presentation in report and graphical format. Trends of changing voltage and impedance over a period of time are used to make decisions regarding preventive battery maintenance and battery replacements.

All of BTECH's hardware systems can be accessed via the network (IP address) or dial up modem. Graphs and reports can easily be generated and reviewed; system settings can be reviewed and modified. New data and alarms can also be retrieved and reset. Additionally, the software allows users to perform online diagnosis. The software will record, archive and display power outage events, duration, decaying voltage data (if the power outage was long enough), and battery current. BTECH's software supports multiple sessions simultaneously.

Used in conjunction with the included Battery Validation Manager® software, the BVS Observer® program will automatically gather and analyze measurement data from the BTECH Monitor. Data trended and real-time alarms are sent to key site personnel e-mail, pager and text message notifications. BTECH maintains a dedicated software engineer on staff for the development and maintenance of our advanced software package.

BTECH's BVS Observer Service:

- Collects and distributes data and alarms automatically for up to 1000 systems
- BTECH's Software Platform Serves as two way Central Monitoring service for Multiple Systems and Locations
- Runs 24x7 on your network as a service
- Data can be stored anywhere on your network or PC
- Provides automatic analysis, e-mail and text message alarms

