



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 measurements, allowing 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 preventative battery maintenance.

The BTECH S5 System can be accessed and controlled remotely via the network (IP address) or dial up modem. Graphs and reports can be easily generated and reviewed, system settings can be review and modified. New data and alarms can also be retrieved and reset. Additionally the software allows users to perform on-line 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 measurement data from the S5 systems on a pre-determined schedule (usually weekly), trended and realtime alarms are sent to key site personnel by email, pager and text message notifications. BTECH maintains a dedicated software engineer on staff for the development and maintenance of our advanced software package.

S5 System 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 and individual units and optional loaded battery current and lists "power-out" events and duration
- Receives, resets, and displays alarms

BTECH's BVS Observer

- 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

System Requirements

- PC or server running Windows Vista or above
- Dial modem for communications via a POTS line
- A network adapter attached to a TCP/IP network for network communications functions of the software

Windows Vista is a registered trademark of Microsoft Corporation.