GLOBAL ENERGY INNOVATIONS
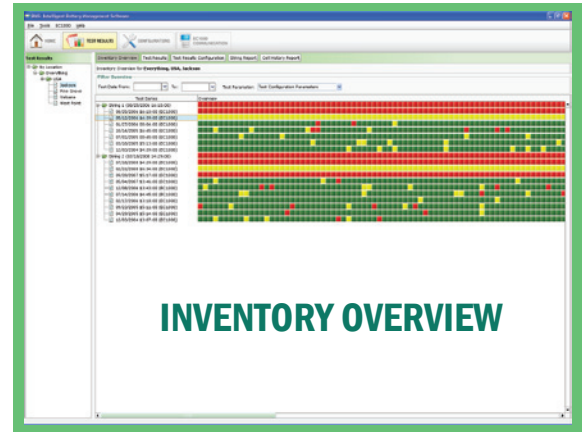
IBMS - Intelligent Battery Management System
Companion Software for the EC1000 & EC2000 Battery Analyzers
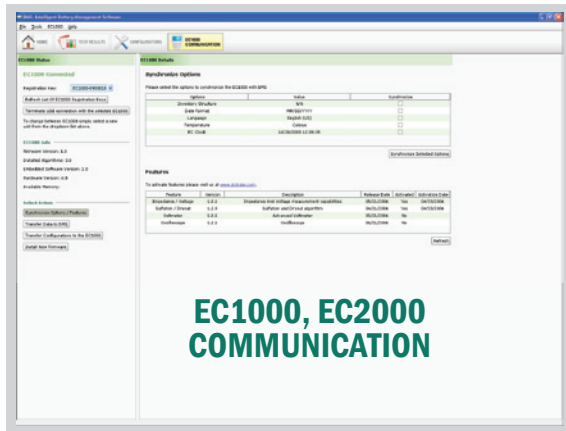
Standard and Enterprise Options

INVENTORY OVERVIEW

EC1000, EC2000 COMMUNICATION
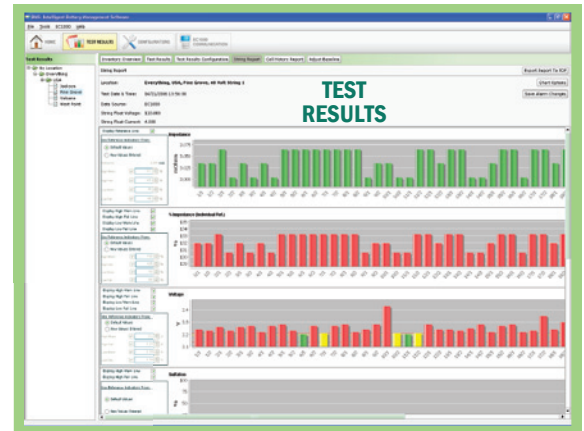
TEST RESULTS
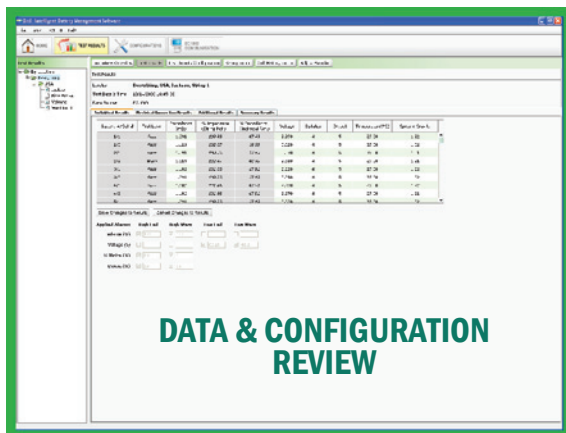
DATA & CONFIGURATION REVIEW
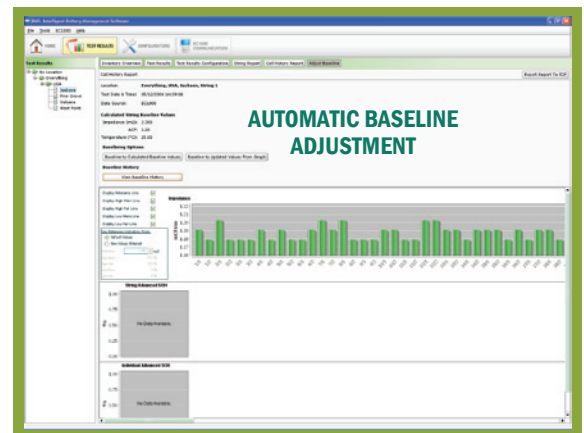
AUTOMATIC BASELINE ADJUSTMENT

GGi

GLOBAL ENERGY INNOVATIONS

(vertical left margin) IBMS (Intelligent Battery Management System)

(vertical left margin) IBMS (Intelligent Battery Management System) - Software Product Brief

IBMS (Intelligent Battery Management System) Software Feature List

Feature		Description
Inventory Overview	✓	Immediate view of fault conditions with individual batteries or cells. Rapidly review hundreds of battery strings with a glance.
Advanced Report Generation	✓	String and Cell History Reporting for Impedance, Voltage, Sulfation, Dryout, Temperature, Specific Gravity, Strap Impedance. Export to PDF format.
Define & Setup Inventory Structure	✓	Define your inventory structure - Company, Region, Site, String, Battery, Cell, Strap. Personalize the naming of batteries and cells to your industry standards, and change the names of the inventory levels to fit your personal and company requirements.
Rapid Configurations	✓	Before using your EC1000™ & EC2000™, use IBMS™ to setup the configuration of Battery Types, Alarm Settings, String Configurations, Quick Test Settings, General Test Settings & Inventory Configurations.
Data & Configurations Transfer	✓	Transfer all of your test data and configurations to IBMS™ for review, report generation and more. Pre-configure your EC1000™ & EC2000™ for use in the field with test, alarm and other configurations. Load customized test settings to make your battery testing even easier.
Basic & Advanced Views	✓	Select between Basic and Advanced user settings (views). The Advanced user view allows for advanced funtions such as Baseline Adjustment.
U.S. & European Conventions	✓	Select between U.S. and European conventions such as Date, Temperature (°F/°C), and others.
Automated Baseline Adjustment	✓	Use our patent pending baseline adjustment tool for adjusting the baseline values of batteries and cells in new and aged strings. Our patent pending algorithms rapidly calculate correct impedance, sulfation and dryout baseline values so you don't have to guess anymore.
Rapid Database Backup	✓	Backup your entire IBMS™ database at any time using the Backup Data feature.
Data Export	✓	Export Test Results and Configurations effortlessly to Microsoft Excel or XML formats.
Data Import	✓	Import Test Results and Configurations from other devices and other IBMS™ installations.
Fimrware Updates	✓	Install firmware updates for your EC1000™ & EC2000™using IBMS™. Firmware updates carry the latest features for your EC1000™ & EC2000™ devices.
Device Synchronization	✓	Rapidly synchronize your EC1000™ & EC2000™ devices time and other critical device settings.
Rapid Online Feature Activation	✓	Purchase and activate new features for your EC1000™ & EC2000™ using IBMS™ and our **Online Feature Activation Server**. For a complete list of availble features please visit the **EC1000™ & EC2000™ Feature List**. Check for the latest updates and newest features.
CM1000™ Continuous Monitoring Compatible	✓	Test results and data may be shared between the EC1000™, EC2000™ and **Continuous Monitoring** (CM1000™) Systems. Data from both systems are aggregated into one repository for easy access. Since data from both devices is interoperable, switching back and forth or upgrading to Continuous Monitoring is a seamless transition.
Local and Remote (Enterprise) Database Setup Options	✓	Local and remote (Enterprise) database setup options. Switch between local and remote database at the click of a button. Access your remote database through any internet connection. Multiple users may access the same database simultaniously. Users may setup and configure multiple remote or local databases .
Advanced Data Import	Coming Soon	Import Test Results and Configurations from other company handheld battery testers. IBMS™ currently supports the import of the Interrogator™ 4210B, World Energy Labs handheld analyzer. More devices coming soon.

GLOBAL ENERGY INNOVATIONS

BATTERY TEST ➤ REPORTING ➤ MANAGEMENT

The EC1000, EC2000 and IBMS (Intelligent Battery Management System) Software is a COMPLETE Battery Test and Management Solution.

Review your entire inventory at a glance and immediately identify bad batteries or cells.
Sort batteries by date and view any test parameter (All, Impedance, Voltage, Sulfation, Dryout).

SYSTEM REQUIREMENTS

- Processor - 350 MHz Pentium II or better.
- Operating System - Windows XP (Recommended), Vista, 7.
- System Memory - 1 GB RAM minimum (2 GB Recommended).
- Hard Drive Space - 10 GB minimum.
- Drive - CD or DVD for installation (Not required if using ethernet download).
- Communication - 1 Free USB Port.
- Display - 1024 x 768 pixels (Recommended minimum).
- Internet Connection (Required for EC1000™, EC2000™ feature activation and download of upgrades.

GLOBAL ENERGY INNOVATIONS

254 East Gish Road
San Jose, California 95112 - USA
tel 415 354 5688
fax 415 354 5738
www.globalei.com

Global Energy Innovations is a global, electrochemical diagnostic software and instrumentation company. Leading companies around the world are advancing their business in rapid battery test, reporting and management through the benefits of the EC1000™ and EC2000™.

Contact Global Energy Innovations or visit our website for more information.