UXIM/UXTM Configurator Software Release Notes

Version 1.21.3.2   **08/22/2018**

- Digital input alarm contact is supported

Version 1.21   **03/27/2018**

- Updated the FTDI drivers

UXIMe

- Extended intertier support (up to 8)
- Resistance test scheduling supports day interval, weekday and absolute day
- No more missing intertier resistance values in the history readings when exported
- Individual parameter major alarm relay support added
- Low alarm latch and contact checkboxes are controlled by low alarm enable not high alarm enable.

Version 1.20

- "Update" and "Delete" options are grayed out when the address book has no records stored

UXIMe

- Resistance test scheduling supports day interval, weekday and absolute day

UXIM

- Extended intertier support (up to 8)
- Parameter Alarm contact is now supported
- Bootlog response time over network improved
- Changing the "Digital input" name over the network is supported
- Resistance test does not stop when configurator connects to the device

Version 1.19

UXIMe

- Additional support for 1x10x12V, 1x20x6V and 1x24x2V configurations
- Supports Load Control Fault Reporting
- Ability to Delete historical data both globally and individually
- Retrieve and exported history data to an excel sheet

UXIM/UXTM

- Added address book to store IP addresses of the devices
- Float current correlation factor was added

Version 1.15

High cell temperature alarm latching available

Minor alarm thresholds included in startup report

Resistance baseline values reflect correct value in startup report

Disabled refresh and delete buttons during a discharge

Alarm threshold will be set with minimum value if input data entered is out of range

Resistance is disabled during discharge

Intertier alarm threshold no longer loses setting when changing charger cable or ground fault settings

Ripple current alarm status is disabled after a resistance test for 1 hour

Added calibration button to tool/general screen

Support for reverse cell conditions

Detail discharge data no longer has missing cells during discharge playback

Version 1.12

Cell temperature reading is not included in startup report when disabled.

Ambient temperature, ground fault and charger cable readings added to startup report.

Hover over reading values on resistance bar graph only shown when resistance test completes.

Application starts properly on computers without serial ports.

Version 1.11

Thermal runaway cell to ambient temperature alarm setting is not shown when connected to an UXIM system.

New correlation tab for discharge current and resistance data for better accuracy between actual and measured readings.

Intercell selection available for measuring discharge current.

Version 1.10 (Controlled Release)

Calibration button removed to prevent field issues.

Added button sending command to monitor to clear alarm disable timers to enable alarm detection after discharge or resistance test.

New firmware upgrade files extension to distinguish between UXTM and UXIM devices.

Removed Cell Temperature check box when connected to the UXIM.

Prevent users from manually entering network Netmask address.

Fixed issue when setting ambient temperature probe count greater than one.

Start-up report uses Configurator temperature setting when displaying temperature units (F and C).

Start-up report now displays alarm latch status.

Added Alber logo to Start-up report.

Removed Cell Temperature reading table for UXIM Start-up report.

Added baseline readings to Start-up report.

Version 1.09

Support for two sets of alarms – Major (Warning) and Minor (Caution).

Added control to disable, enable, and latch both major and minor alarms.

Fixed float alarm threshold resetting issue.

Report creation time is included in report.

Fixed "alarm disabled" timer display after discharge.

Ability to export cell voltages, resistance, and baseline values to Excel.

Version 1.07

[2575]   Fixed crash when trying to access the Setup tree node when there was no ambient temperature available in the hardware.

[2576]   Added feature to create startup report.

Version 1.06.00

[2548]   Discharge duration now displays correct time if discharge happens after a resistance test.

[2547]   Enabled ambient temperature setup when it connected to UXIM.

[2541]   Corrected power switch selection when connected to UXTM.

[2540]   Fixed ambient temperature number displayed when connected to UXIM.

[2536]   Added support for configuration UXTM 1X23X2.

[2535]   Removed overall discharge playback filter option.

[2534]   Added enable/disable ambient temperature option.

[2533]   Discharge events are now refreshed when user clicks the "discharge events" link.

[2525]   Removed positive and negative ground fault alarm threshold from threshold setup screen when software is connected to UXTM. UXTM does not support positive and negative ground fault measurement.

[2524]   Removed ground fault alarm threshold from threshold setup screen.

[2513]   Removed Emerson tab.

[2512]   Removed load test tab.

[2511]   Removed discharge detail button when connected to UXTM.

[2509]   Removed positive and negative ground fault real-time reading when it connects to UXTM.

[2508]   Removed ground fault tab from the tools node.

[2468]   Added confirmation message when trying to delete discharge data.

[2467]   Changed the text on the button that clears discharge data to "Delete".

[2455]   Positive and negative ground fault voltages are now displayed under ripple current when it connects to UXIM.

[2452]   Resistance test result message is now reported correctly after test.

[2238]   Grayed out charger cable on Internal Resistance Tab.

[2207]   Set configuration number back to default in software (UXTM 1x24x2 and UXIM 1x58x2) to prevent application from crash.

[2192]   Added minus sign to discharge trigger input text.

Version 1.05.00

New Features:

[2188]   When the software application is first run, the window is maximized.

[2182]   On the Internal Resistance window Remove" power select" for UXIM.

[2180]   Change status text from "get" to "getting" or "reading".

[2178]   The system no longer goes unresponsive when setting IP address using software (range for port number)

[2176]   Added new support for positive and negative charger cable measurements.

[2160]   Added new shortcut to Help menu to open the document folder, when a user clicks Documents under the Help menu.

[2162]   When connecting to UXIM the temperature tab is now disabled.

Version 1.4.0.0

New Features:

[2110]   Added a new feature to enable and disable cell temperature measurement readings on a battery string.

[2112]   Added a new feature to allow factory default settings to be restored back to their original values. This option clears all historical data including; install date, resistance test interval, system configuration, RS-485 modbus address, RS-485 baud rate, and temperature scale. A warning message appears informing you of the change and allows you to continue or cancel the change.

[2131]   Added a new feature to set thermal runaway detection triggers using float current and/or cell to ambient delta temperature alarm types.

[2132]   Up to four Intertier connections are now supported. The following features are now available; intertier assignments, alarm thresholds and intertier alarm.

[2134]   Ambient temperature now displays "N/A" for string number and cell number in the Alarm Status window.

Fixes:

[2136]   When viewing the internal resistance, the low threshold indicator line is now properly positioned in the graph area.

[2137]   The summary information text in the UXTM windows has been formatted to be aligned to left justified and evenly spaced with the associated data.

[2138]   Corrected the Apply button graphic in the network window so it is in full view when clicked on.

[2139]   Corrected the misspelling error in the network setup message from efect to effect.

Version 1.2.0.0

[2035] The real time stamp and data record now shows the correct day and time.

[2033] Discharge events and alarm status screens can now be displayed in temperatures of either Fahrenheit or Celsius.

[2030] Cell to ambient temperature can now be displayed in either Fahrenheit or Celsius.

[2029] The configurator now displays one decimal point number for overall voltage.

[2023] By default, the configurator displays temperature alarm thresholds in Fahrenheit.

[2022] Alarm thresholds are now correct for non-us data format.

[2004] To make the configurator more intuitive, the site information has been moved to the setup node.

[2003] On the network connection window, the label changed from "USB" to "Network" when network connection is use.

[2002] When checking the Intercell Calculation checkbox, the message was modified.

[2001] Changed the checkbox from "Intercell cal." to "Set baseline" on the on the Internal Resistance window.

Software Version 1.1.0.0

[1709] When running a resistance test, the **Start** button changes to **Stop** while the resistance test is running. When the resistance test is complete the button goes back to **Start**.

[1710] During a resistance test, the system shows the test is in progress.

[1848] The application now displays a dynamic communication status on the bottom left corner of the UXTM windows.

[1900] Added printed circuit board (PCB) sub revision number to the **General** page. These fields are view only.