Vertiv™ Albér™ Universal Xplorer Industrial Monitor (UXIM) and Universal Xplorer Telecom Monitor (UXTM) Configurator

Software Release Notes

VERSION 1.24.2.0

Release Notes Section Outline

1. Updates for This Release (Version 1.24.2.0)

- Added ability to configure any digital input into a physical maintenance mode toggle switch

- Startup Acceptance report can now be generated from configurator tool

- System current readings can now be exported as a text file

- Added the ability to configure the maintenance mode auto-revert timer value

2. Version 1.24.1.0 Update Information (Controlled Release)

The address book import feature is introduced in this controlled release.

3. Version 1.24.0.1 Update Information

- UXIME-ELSi2 integration through RS-485(2) is now supported over Alber proprietary protocol

- UXIME-ELSi2 integrated reporting feature is now available

- In UXIME reports, the ambient temperature value is now correctly displayed and ground fault measurement units are now in kohms

- Individual High cell resistance thresholds are now supported

- Resistance test start time trigger added

- Resistance test is now supported in day of the week, day of the month and an absolute day interval for UXTM devices

- Digital input alarm name change is now reflected on the alarms table

4. Version 1.21.3.2 Update Information

With this release, digital input alarm contact is now supported.

5. Version 1.21 Update Information

- Updated the FTDI drivers
- UXIMe added extended intertier support (up to eight)
- UXIMe resistance test scheduling now supports day interval, weekday and absolute day
- Intertier resistance values are no longer missing in the history readings when exported (UXIMe)
- For UXIMe, added support for individual parameter major alarm relay
- For UXIMe, low alarm latch and contact checkboxes are now controlled by low alarm enable instead of high alarm enable

6. Version 1.20 Update Information

- Update and Delete options are now grayed out when the address book has no records stored
- UXIMe resistance test scheduling now supports day interval, weekday and absolute day
- UXIM added extended intertier support (up to eight)
- For UXIM, Parameter Alarm contact and changing the "Digital input" name over the network is now supported
- For UXIM, Bootlog response time over the network improved, and now the resistance test does not stop when the configurator connects to the device

7. Version 1.19 Update Information

- For the UXIMe, added additional support for 1x10x12V, 1x20x6V and 1x24x2V configurations
- UXIMe now supports load control fault reporting
- UXIMe can now delete historical data globally and individually, and can retrieve and export this data to an Excel sheet
- UXIM and UXTM added an address book to store device IP addresses
- Float current correlation factor was added for the UXIM/UXTM.

8. Version 1.15 Update Information

- High cell temperature alarm latching available.
- Minor alarm thresholds included in startup report.
- Resistance baseline values now 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 now 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 one hour.
- Added calibration button to tool/general screen.
- Support added for reverse cell conditions.

- Detail discharge data no longer has missing cells during discharge playback.

9. Version 1.12 Update Information

- 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 now starts properly on computers without serial ports.

10. Version 1.11 Update Information

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

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

- Intercell selection now available for measuring discharge current.

11. Version 1.10 (Controlled Release) Update Information

- Calibration button removed to prevent field issues.

- Added buttons to send commands for monitoring, clearing alarms, disabling timers and enabling alarm detection after discharge or resistance test.

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

- Removed Cell Temperature checkbox when connected to the UXIM.

- Users are now prevented from manually entering network Netmask address.

- Fixed an issue occurring when setting the ambient temperature probe count greater than one.

- Start-up report now 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.

12. Version 1.09 Update Information

- Added 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 now included in report.

- Fixed "alarm disabled" timer display after discharge.

- Added the ability to export cell voltages, resistance and baseline values to Excel.

13. Early Version Update Mapping Table (From Version 1.07 to 1.1.0.0)

INTERNAL REF NUMBER	VERSION	UPDATE/NEW FEATURE DESCRIPTION
2575	1.07	Fixed crash when trying to access the Setup tree node when there was no ambient temperature available in the hardware.
2576	1.07	Added feature to create startup report.
2548	1.06.00	Discharge duration now displays correct time if discharge happens after a resistance test.
2547	1.06.00	Enabled ambient temperature setup when connected to the UXIM.
2541	1.06.00	Corrected power switch selection when connected to UXTM.
2540	1.06.00	Fixed ambient temperature number displayed when connected to the UXIM.
2536	1.06.00	Added support for the UTXM 1X23X2 configuration.
2535	1.06.00	Removed overall discharge playback filter option.
2534	1.06.00	Added enable/disable ambient temperature option.
2533	1.06.00	Discharge events are now refreshed when the user clicks the *Discharge Events* link.
2525	1.06.00	Removed positive and negative ground fault alarm threshold from the threshold setup screen when software is connected to the UXTM. The UXTM does not support positive and negative ground fault measurement.
2524	1.06.00	Removed ground fault alarm threshold from the threshold setup screen.
2513	1.06.00	Removed the Emerson tab.
2512	1.06.00	Removed load test tab.
2511	1.06.00	Removed discharge detail button when connected to UXTM.
2509	1.06.00	Removed positive and negative ground fault real-time reading when connected to the UXTM.
2508	1.06.00	Removed ground fault tab from the tools node.
2468	1.06.00	Added confirmation message when trying to delete discharge data.
2467	1.06.00	Changed the text on the button that clears discharge data to "Delete."
2455	1.06.00	Positive and negative ground fault voltages are now displayed under ripple current when connected to the UXIM.
2452	1.06.00	Resistance test result message is now reported correctly after test.
2238	1.06.00	The charger cable on the Internal Resistance tab is grayed out.
2207	1.06.00	The configuration number is set back to the default in the software (UXTM 1X24X2 and UXIM 1X58X2) to prevent the application from crashing.
2192	1.06.00	Added minus sign (-) to discharge trigger input text.
2188	1.05.00	When the software application is initially run, the window is maximized.
2182	1.05.00	On the Internal Resistance window, the power select option is removed for the UXIM.
2180	1.05.00	Status text is changed from "get" to "getting" or "reading".
2178	1.05.00	The system no longer goes unresponsive when setting the IP address using the software (range for port number).
2176	1.05.00	Added new support for positive and negative charger cable measurements.
2160	1.05.00	Added new shortcut to the Help menu to open the document folder when the user selects *Help- Documents*.
2162	1.05.00	The Temperature tab is now disabled when connecting to the UXIM.

INTERNAL REF NUMBER	VERSION	UPDATE/NEW FEATURE DESCRIPTION
2110	1.4.0.0	Added a new feature to enable/disable cell temperature measurement readings on a battery string.
2112	1.4.0.0	Added a new feature allowing factory default settings to be restored back to their original values. This option clears historical data including the install date, resistance test interval, system configuration, RS-485 MODBUS address, RS-484 baud rate and the temperature scale. A warning message appears to inform you of the change; you can continue or cancel the change.
2131	1.4.0.0	A new feature was added to set thermal runaway detection triggers using float current and/or cell to ambient delta temperature alarm types.
2134	1.4.0.0	The ambient temperature now displays "N/A" for the string number and cell number in the Alarm Status window.
2136	1.4.0.0	When viewing the Internal Resistance window, the low threshold indicator line is now properly positioned in the graph area.
2137	1.4.0.0	The summary information text in the UXTM window has been formatted to be left aligned and evenly spaced with the associated data.
2138	1.4.0.0	Corrected the Apply button graphic in the network window so it is in full view when clicked.
2139	1.4.0.0	Corrected a spelling error in the network setup message.
2035	1.2.0.0	The real-time stamp and data record now show the correct day and time.
2033	1.2.0.0	Discharge events and alarm status screens can now be displayed in temperatures of Fahrenheit or Celsius.
2030	1.2.0.0	The cell to ambient temperature can now be displayed either in Fahrenheit or Celsius.
2029	1.2.0.0	The configurator now displays one decimal point number for the overall voltage.
2023	1.2.0.0	By default, the configurator displays temperature alarm thresholds in Fahrenheit.
2022	1.2.0.0	Alarm thresholds are now correct for non-us data format.
2004	1.2.0.0	To make the configurator more intuitive, the site information has been moved to the setup node.
2003	1.2.0.0	On the Network Connection window, the label changed from USB to Network when a network connection is being used.
2002	1.2.0.0	When checking the Intercell Calculation checkbox, the message has been modified.
2001	1.2.0.0	On the Internal Resistance window, the checkbox changed from Intercell Calculation to Set Baseline.
1709	1.1.0.0	When running a resistance test, the Start button changes to Stop while the resistance test is running. The button goes back to Start when the test is complete.
1710	1.1.0.0	During a resistance test, the system shows the test is in progress.
1848	1.1.0.0	The application now displays a dynamic communication status on the bottom-left corner of the UXTM windows.
1900	1.1.0.0	Added printed circuit board (PCB) sub revision number to the General page. These fields are view only.