

# Vertiv™ Albér™ Universal Xplorer Industrial Monitor (UXIME)

## Firmware Release Notes

### VERSION 2.5.0

#### Release Notes Section Outline

1. Updates for This Release (Version 2.5.0)
2. Version 2.4.3 Update Information
3. Version 2.4.1 Update Information
4. Version 2.3.6 Update Information
5. Version 2.3.5 Update Information
6. Version 2.3.3 Update Information
7. Version 2.2.1 Update Information
8. Version 2.1.03 Update Information
9. Version 2.0.20 Update Information (Initial Release)

#### 1. Updates for This Release (Version 2.5.0)

- Added ability to configure any digital input to the device into a maintenance mode switch
- Added support for a timer to automatically switch (revert) from maintenance mode back to scan mode

#### 2. Version 2.4.3 Update Information

- Integrated reports now display correct cell temperature thresholds (from ELS)
- Added ability to configure ELS thresholds from the integrated configurator tool

#### 3. Version 2.4.1 Update Information

- Resistance test start time trigger added
- UXIME- ELSi2 integration through RS-485(2) is now supported over Albér proprietary protocol
- UXIME- ELSi2 integrated reporting feature is now available
- Individual High cell resistance thresholds are now supported

#### 4. Version 2.3.6 Update Information

With this release, charger cable measurements are now supported for 1x24x2, 1x10x12 and 1x20x6 configurations.

#### 5. Version 2.3.5 Update Information

This release added digital input alarm contact.

## 6. Version 2.3.3 Update Information

- Added ELSi2 monitoring support to Modbus communications
  - Electrolyte Level monitoring supported (Electrolyte Normal, Low Electrolyte, Electrolyte Critical, Sensor detached and Unknown)
  - Cell Temperature monitoring supported
- The following information is now supported over Modbus:
  - ELSi2 Alarm reset
  - ELSi2 controller firmware/bootloader version and hardware revision information
  - Sensor firmware version, serial number and bootloader information

## 7. Version 2.2.1 Update Information

- History resistance data collection process improved by enhancing the record length
- Extended intertier support (up to 8)
- Added support for major alarm contact setup

## 8. Version 2.1.03 Update Information

- Added support for hardware failure relay
- If the unit is in maintenance mode, it will now automatically start scanning in 20 minutes

## 9. Version 2.0.20 Update Information (Initial Release)

- Overall voltage measurement is supported
- Load Control Fault Reporting:
  - Device hardware LEDs turn on and light red when there is a load control failure
  - The hardware failure relay is energized (on) when there is a load control failure
- Persistent storage is supported for history reading, history resistance and history alarm
- Historical data can be deleted globally and individually
- Data can be retrieved and exported to an Excel sheet