

# **UNITE 1.4.1 RELEASE NOTES**

The UNITE<sup>™</sup> software update 1.4.1 is the latest release of UNITE<sup>™</sup> software. The components and notes of the software release are outlined in this document.

# AFFECTED COMPONENTS

- Battery Monitors
- Battery Testers
- Distribution Transformer Monitor (DTM)

# **COMPONENT DETAILS**

Component	New Version	Prior Version
UNITE™	1.4.1	1.3.1

# **RELEASE NOTES (UPDATES):**

### **BATTERY MANAGEMENT**

#### BATTERY HISTORY TRENDING DATA AVAILABLE

• Historical battery data is now visible for Battery Testers and Battery Monitors allowing better insight into trending analysis of voltage, conductance, temperature and strap resistance.

PDF Snapshot	View Discharge	☑ All Battery History 01/04/2022 to 01/04/2023
<ul> <li>Voltage</li> <li>Temperature</li> <li>Conductance</li> <li>Strap Resistance</li> <li>T-Comp</li> </ul>	1,584.5 1,400 1,000 1,000 600 400 116.5	

#### BATTERY PLANT SET UP SIMPLIFIED

• With recent improvements, the process of adding plants, strings, and batteries has become faster. After setting up a string, a user can simply copy and paste to duplicate configurations and alarms of the previous string.

### UNITE™ DATA TRANSFER MADE EASIER

• Improved capability gives users the ability to extract entire organizations, plants or strings all at once from UNITE™ to any CELLTRON™ Advantage Digital.

e CADD West / Staged Download List / Stag	ge a new Download			
	Staged file name: 05/23/2024 to 05/24/2024 E			
	Available Strings	Select Strings to inclu	ide in download: Download Strings	
CADD West	ritaliable builigs	Add. 🕘 🧂	CADD West	Remove.(
Arizona		Add ()	C Arizona	Remove (
Greater Phoenix Area		Add. O	C Greater Phoenix Area	Remove
D Highway I-10 / US-191	3	Add ()	Highway I-10 / US-191	Remove
D Highway 1-40 / US-180		Add ()	D Highway I-40 / US-180	Remove
Fort Mohave AZ		Add 🕘	Fort Mohave AZ	Remove
Eredonia AZ 3		Add ()	Eredonia AZ	Remove
Grand Canyon Village AZ	8	Add ()	Grand Canyon Village AZ	Remove
C Kayenta AZ		Add ()	C Kayenta AZ	Remove
Lake Havasu City AZ		Add ()	Lake Havasu City AZ	Remove
Page AZ 1		Add. 🕘	C Page AZ	Remove
Pinetop-Lakeside AZ		Add ()	Pinetop-Lakeside AZ	Remove.
Show Low AZ 3		Add ()	Show Low AZ	Remove
Sierra Vista AZ (1)		Add. 河	Sierra Vista AZ	Remove



### HIERARCHY TEMPLATE AVAILABLE

• A hierarchy template can be exported ( $^{\circ}$ ) and imported ( $^{\circ}$ ), making organization management simple and efficient.

CADD West Tree	Export Hierarchy     Import Hierarchy
Entities	
🔄 Arizona	Configure Delete
😔 Austin	Configure Delete
California	Configure Delete
📀 Colorado	Configure Delete

## DTM

#### MULTIPLE DEVICE ALARM MANAGEMENT

• From UNITE<sup>™</sup>, a user can configure alarm settings in multiple DTMs – remotely.

Thresholds: DTM1.1 (00-000C-C689-8721-00)			
Set Threshold	s to this Device	Set Thresholds to All Devices Above	
Transformer			
Rated Winding Load	9999	A (0 10000)	
Winding Hotspot over Top Oil	998	°C (0 999)	
Hours Used Before Installation	9999999999	hours (0 999999999)	
Rated Life Span	9999999999	hours (1 9999999999)	
Cooling Type	Directed ODAF of	or ODWF 🗸	
Alarm Limits			
Winding Load Li	mit 10000	A (0 10000)	
Fault Current Li	mit 0	A (0 10000)	

#### DTM ALERTS AND EVENTS IN UNITE™

• UNITE<sup>™</sup> now tracks all alarm events from the Distribution Transformer Monitor, and with email notification capabilities from UNITE<sup>™</sup>, users can easily manage alarms and alerts.

PEX INDU	STRIAL		
rganizatio	n Level Event Notifications		
Save	Toggle All Cancel		
Device	Event	Severity	Notify
DTM	Top/Bottom Oil Temperature Delta Warning Limit Exceeded	Warning	
DTM	Top/Bottom Oil Temperature Delta Danger Limit Exceeded	Alarm	
DTM	Hot Spot Temperature Warning Limit Exceeded	Warning	
DTM	Hot Spot Temperature Danger Limit Exceeded	Alarm	
DTM	Top Oil Temperature Warning Limit Exceeded	Warning	

• DTM analysis is now simpler and more efficient with cleaner time series plots and event bands displayed on graphs. Seamlessly adjust, customize, and fine-tune alarms from anywhere in the world, ensuring optimal performance and peace of mind.

