



# Ensure mission critical power with Cellwatch Battery Monitoring

For over 25 years, the world's largest mission critical institutions, businesses and governments have relied on Cellwatch battery monitoring systems to protect their critical UPS and DC power protection applications. Cellwatch battery monitoring systems prevent unplanned outages by notifying you the instant a backup battery begins to exhibit signs of failure.

**Cellwatch ensures power dependability—especially for large-scale data centers**

**PREVENT UNPLANNED OUTAGES**

With Cellwatch you can predict performance and make informed, data-driven decisions

**SAVE MONEY**

Eliminate costly outages, extend battery life and reduce preventive maintenance costs

**COMPLY WITH REGULATORY REQUIREMENTS**

Cellwatch is IFC 608.3 compliant

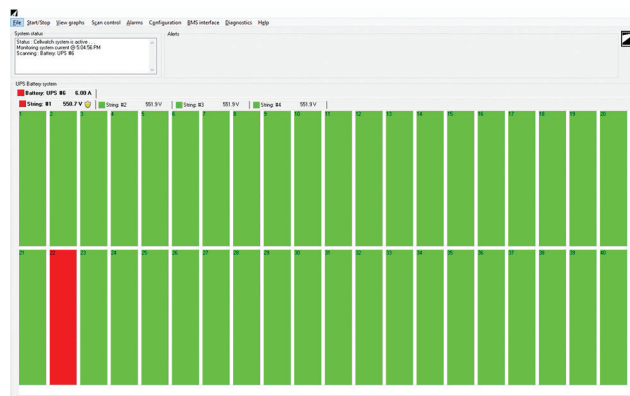
**ENSURE SAFETY AND RELIABILITY**

Meets UL 61010, supports IEEE 1491, and minimizes human contact with your battery

Finance **RETAIL**  
Health Care  
**STOCK EXCHANGE**  
aviation  
Government  
**NUCLEAR ENERGY**  
Education  
Data Center  
**ECOMMERCE**  
Telecommunications

## Why Industry Leaders Choose Cellwatch

- Cellwatch 24x7 monitoring is exceedingly more reliable and accurate than doing preventive maintenance even on a daily basis
- With a click of a button, you can identify the exact location of a failing jar
- Our distinctive modular design enables easy and cost-effective expansion
- Extremely high measurement precision and repeatability provides accurate and dependable performance reporting
- Cellwatch has the best analysis tools in the industry
- Simple integration into third-party management systems
- ROI is often realized in 18–36 months
- Cellwatch extends battery life, saving thousands of dollars



## Cellwatch Delivers Time- and Cost-savings in Large Data Center Environments

- Centralized system management with hierarchical interface
- Easily integrates into Building Management and Network Management systems
- Remote notifications via email or SMS
- Alarm identification on screen and on each jar in battery room
- Comprehensive tool set for fast battery analysis
- Modular design allows for easy expansion
- Industry leading measurement technology can be used/reused on any battery from 1.2v to 16v

## Prevent Costly Downtime

Cellwatch continuously monitors the entire backup battery system, providing immediate warnings of battery deterioration so you can quickly identify, isolate and correct issues before a failure occurs.

With Cellwatch you'll be up and running and realizing the benefits in hours not months.

## Cellwatch Detects, Warns and Prevents Thermal Runaway

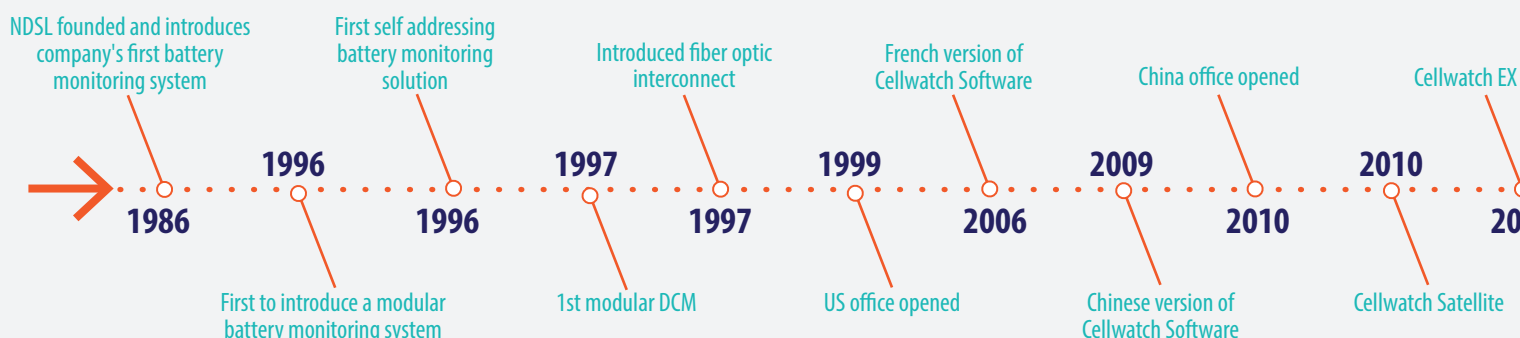


**DISCONNECTED**

Cellwatch instantly detects if thermal runaway conditions are present in backup batteries and provides a warning period allowing you time to address the problem without putting your mission critical load unnecessarily at risk.

**In compliance with IFC 608.3**, Cellwatch isolates the string by disconnecting the battery from the charger to prevent thermal runaway. If left connected and unaddressed, batteries could easily over heat and potentially cause fire or explosion.

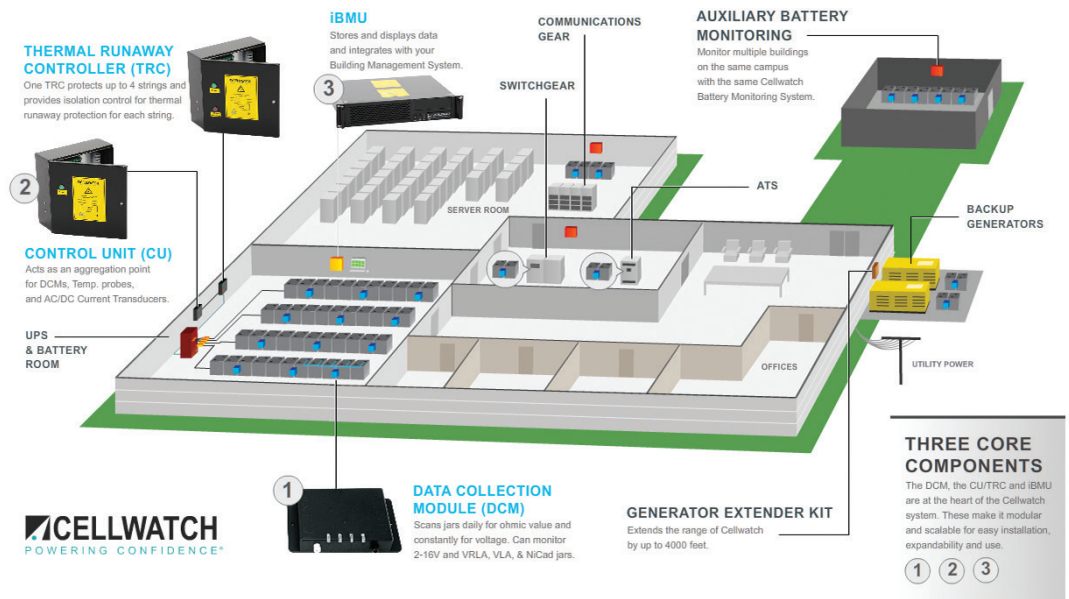
*25+ Years of*



# Have Complete Visibility of the Total Battery Install

A single Cellwatch system provides a comprehensive view of ALL batteries in one place. Cellwatch monitors all battery types—UPS, generator, switchgear, communications gear, and other mission critical backup battery systems—so you know precisely when a battery needs to be serviced or replaced.

All system configurations use the same components allowing for easy expansion or reconfiguration.



## Unmatched Reliability and Longevity

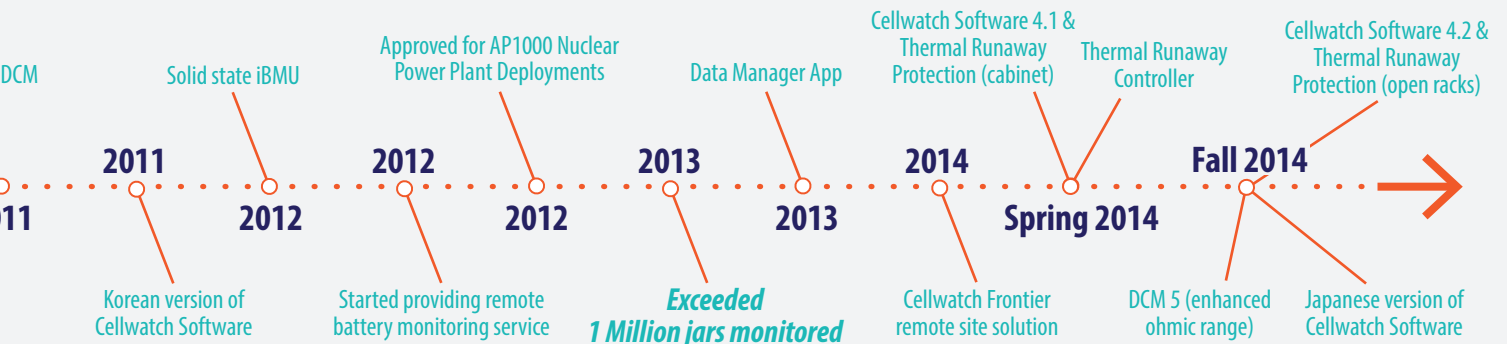
Cellwatch is designed to conform to IEEE recommended practices of battery maintenance, measurements and thermal runaway prevention ensuring you are in compliance with regulations as well as industry standards and best practices.

Cellwatch is fiber optic based for greater noise immunity – and Cellwatch data collection modules have a MTBF of almost 300 years – higher than the standard for many mission critical system components.

We adhere to strict industry standards to ensure excellence in everything we do. All Cellwatch systems undergo 100% pre-delivery testing to make certain you are receiving the highest level of quality and reliability.



## Innovation



## Enhanced Services for Large Data Centers

We are committed to offering you outstanding levels of service. With 25 years of experience, we have the most knowledge in the industry and have developed a reputation as having the best customer service. We offer a host of enhanced services so you can get the most out of your backup batteries.

### CELLWATCH CENTRAL

Manage all of your battery assets with our centralized management system.

- Easily monitor and manage large campus and dispersed Cellwatch deployments
- Quickly analyze battery performance across 50,000 jars or more
- Improve decision making about your valuable battery assets
- Multiple user authentications for administration, control and observation
- Log in and simply manage all your battery assets in one place (battery type, installation dates, maintenance events, etc.)

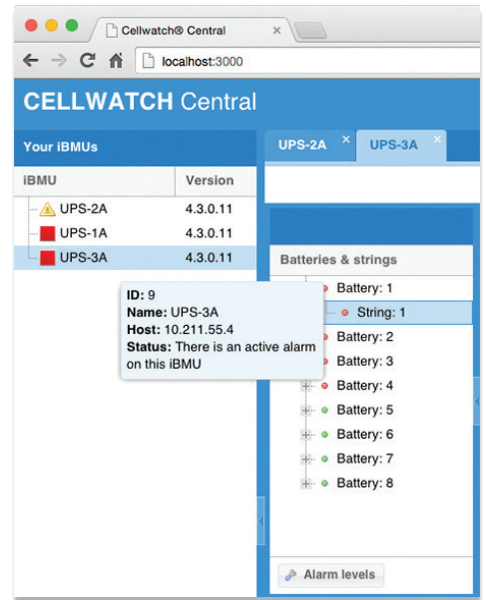
### REMOTE BATTERY MONITORING

Rely on our remote battery monitoring services for peace of mind that your batteries are continuously monitored and their health is ensured.

- Supplement on-site personnel with a professional battery monitoring service including expert battery analysis
- Cellwatch battery experts deliver daily notification of battery alerts and provide recommended actions
- Monthly reporting on critical jars, trending failures, and system issues

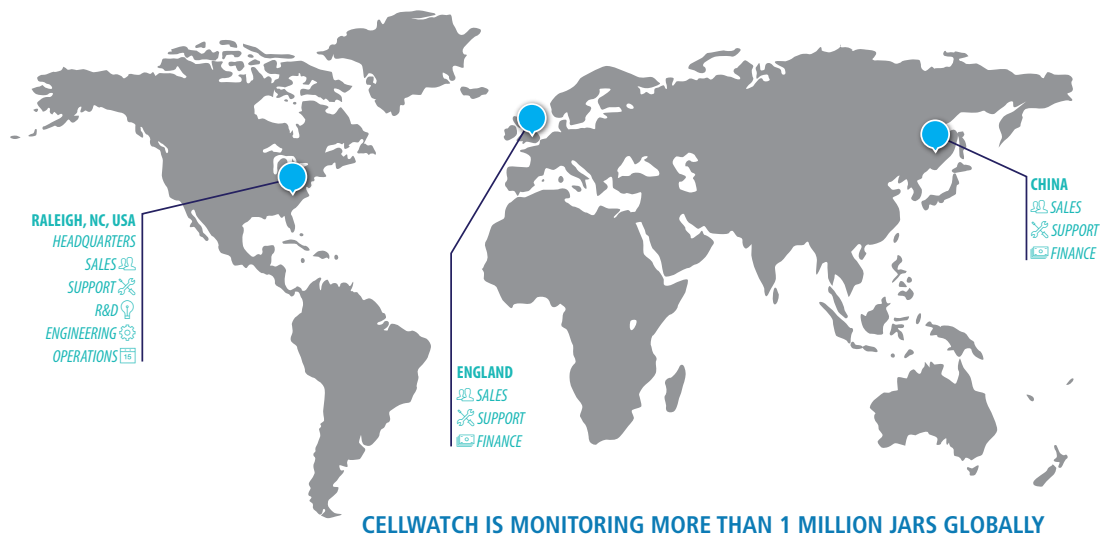
### IN-DEPTH TRAINING

High quality training is the key to successful implementation and operation of a Cellwatch battery monitoring system. Our interactive end user and installer training programs offer hands-on experience so you will gain a comprehensive understanding of the entire system. Our training programs ensure your team develops the skills they need to maximize your Cellwatch investment, and so you keep your power on.



## Installed Worldwide

We keep the world's largest internet companies, data centers, financial institutions and manufacturers up and running with our state-of-the-art battery monitoring systems.



*Give us a call or visit us online so we can help protect you from downtime and ensure greater peace of mind in your backup systems.*