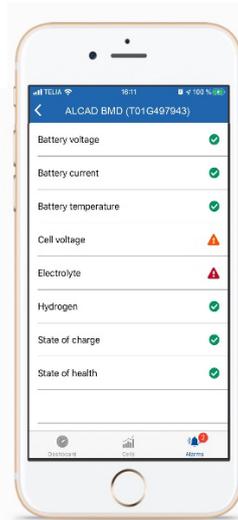


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## Alcad launches Cleverwatch as a remote digital monitoring system to boost condition-based maintenance

*New system will enable industrial operators to optimize battery fleet maintenance*

**Oskarshamn, Sweden, 07 March 2022** – Alcad has completed the last piece of the puzzle for industrial condition-based maintenance with the new Cleverwatch system. Remote, highly secure cloud-based Cleverwatch will monitor data on nickel battery performance, health and status to deliver benefits far beyond savings on battery maintenance.

By extending digital monitoring to nickel batteries, Cleverwatch will enable industrial operators to establish complete coverage over remote sites. As a result, they will be able to eliminate time-based maintenance and switch to a condition-based approach. This will optimize maintenance activities, maximize the efficiency of expert technicians and optimize budgets.

Furthermore, insight into system health will enable them to maximize the service life of equipment by replacing it only when it meets its end-of-life performance threshold.

José Antonio Fortes, Managing Director of Alcad said: “Until we launched Cleverwatch, it wasn’t possible for industrial operators to apply condition-based monitoring to remote sites. Alcad’s Cleverwatch has changed that with digital remote monitoring of nickel batteries – and as a result, will enable operators to free up budgets.”

Over the past few years, industrial operators have deployed sensors and in-built intelligence to monitor motors and drives, pumps, fans and compressors, diesel engines, electrical circuits and electronic systems. This is now possible for nickel batteries.

Cleverwatch is using secure data from multiple types of sensor. Combined with decades of Alcad’s experience in batteries, it calculates an estimated state of charge (SOC) and state of health (SOH). It can be deployed on new or existing battery systems to maximize monitoring coverage for industry.



## About ALCAD

Alcad is one of the world's major suppliers of advanced nickel cadmium batteries for industrial and commercial applications. The company offers an extensive range of cutting-edge nickel cadmium battery solutions, designed to deliver high performance, safety and reliability.

With a commercial presence in more than 80 countries worldwide, the Alcad team supports customers with a broad portfolio of services, from initial consultancy through sizing, installation and commissioning to after-sales with an uncompromising focus on quality.

Alcad's long established ISO 9001 and ISO 14001 certified production sites and headquarters in Sweden incorporate a century of knowledge and experience to provide advanced nickel cadmium battery solutions for the global industrial standby market. [www.alcad.com](http://www.alcad.com)

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