

## Qnovo Introduces Smartphone Fast Charging with Innovative Battery Analytics

### News Highlights:

- Qnovo's fast charging technology charges mobile batteries up to four times faster
- Qnovo [adaptive fast charging](#) adds real-time battery fitness monitoring
- Enables mobile carriers and OEMs to reduce battery-related return costs

NEWARK, Calif., February 23, 2015 – [Mobile World Congress 2015](#) - [Qnovo](#), a supplier of innovative mobile fast charging solutions, today announced a new approach to reducing mobile device battery-related returns. Qnovo Analytics (QNA) continuously monitors battery health and provides diagnostics to quickly resolve consumer battery issues.

Mobile consumers cite battery issues as a top complaint, yet to date there have been few tools available to quickly pinpoint and resolve battery-related problems. Often this results in the consumer returning a device, which is inconvenient to the user and costly to the mobile carrier and device maker.

“Smartphone returns are a multi-million dollar issue, and the battery is at the top of the list,” said [Nadim Maluf](#), CEO of Qnovo. “Qnovo Analytics provides unique insight into the true health of the battery, which can greatly speed issue resolution and improve customer satisfaction.”

Qnovo Analytics builds a real-time health record of battery performance over lifetime use, capturing charge and use cycles, environmental conditions, capacity degradation and use profiles. QNA is uniquely able to project the remaining lifetime of the battery allowing a quick assessment if a battery requires replacement. Diagnostic data determines if the charging system is operating properly. By capturing charge and use history, QNA can determine if a device's battery is properly sized for a particular consumer's usage patterns.

Qnovo Analytics consists of a data collection module integrated into the operating system of the mobile device, along with a standardized API for applications development. Qnovo supplies a customer service targeted diagnostic application with QNA for use by mobile carrier or OEM service centers. Additional applications, such as carrier-specific or consumer self-diagnosis, can be developed via the API.

Qnovo Analytics adds another innovation beyond the company's patented fast charging technology that can speed charging up to four times faster while simultaneously increasing battery lifetime.

### **Availability and MWC Demo**

Qnovo Analytics is available today for Android-based systems. More information can be found at [www.qnovo.com](http://www.qnovo.com). Qnovo will be demonstrating Qnovo Analytics at the upcoming Mobile World Congress in Barcelona, Spain from March 2-5, 2015. To request a demonstration please contact [MWC2015@qnovocorp.com](mailto:MWC2015@qnovocorp.com).

### **About Qnovo**

Qnovo was founded with the vision of fundamentally changing the consumer mobile experience by re-imagining one of the most basic foundations of mobility – the battery and how it is charged. The Qnovo founders saw the opportunity for augmenting battery chemistry with electronics and software to produce tangible consumer benefits – faster charging, increased daily runtime and longer battery lifetime. Qnovo is addressing the complex problem of taming the chemistry inside the battery, and has developed an innovative and patented set of elegant algorithms that are now embedded into Qnovo's software and hardware-based adaptive [fast charging products](#).