

How Can Experience Drive Perfection?

Strengthen Your Product by Turning Issues into Solutions

In today's era of high-quality, multi-functional products, manufacturers must meet diverse requirements. Proven experience and expertise ensure effective, interoperable, and integrated technologies. Let Allion help you identify issues and provide professional support to accelerate your time to market.

[Time to Market with Quality >](#)



Solving the Wi-Fi Dilemma of Metal Cases: Perfecting High-Performance iPad/iPhone Covers

iPads and iPhones in POS systems primarily rely on Wi-Fi or cellular connections to handle online orders, payments, and data synchronization with backend systems. The shielding effect of metal cases can block wireless signals, leading to unstable connections, slower transmission speeds, or even complete disconnection.

This not only affects the operational efficiency of businesses but may also result in customer dissatisfaction.

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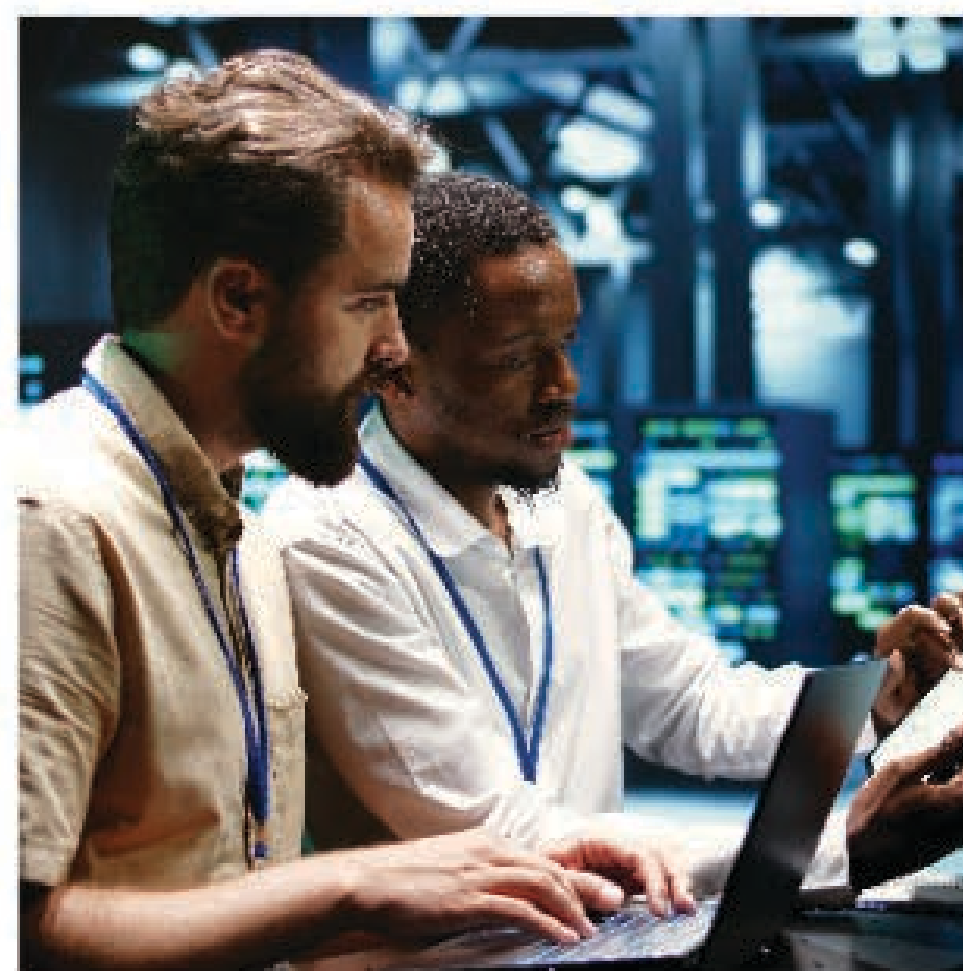
A New Benchmark for E-Bike Controllers! To Achieve Both High Performance and High Reliability

As the e-bike market continues to grow, controller technology has evolved rapidly. Key trends in e-bike controller development include:

- Multifunctionality and Intelligence
- Reliability and Durability
- Compliance and Safety Standards

However, this major technological upgrade brought unforeseen challenges for many automotive-related companies.

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How to Eliminate All the Complexities of WHQL Testing?

WHQL certification introduced by Microsoft has a significant impact on the electronics industry.

A computer peripheral manufacturer initially conducted WHQL testing on their own and encountered three error issues during the testing process, which they struggled to resolve. To successfully address these errors, they sought assistance from Allion to identify the root causes and make corrections, ultimately finding a solution.

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