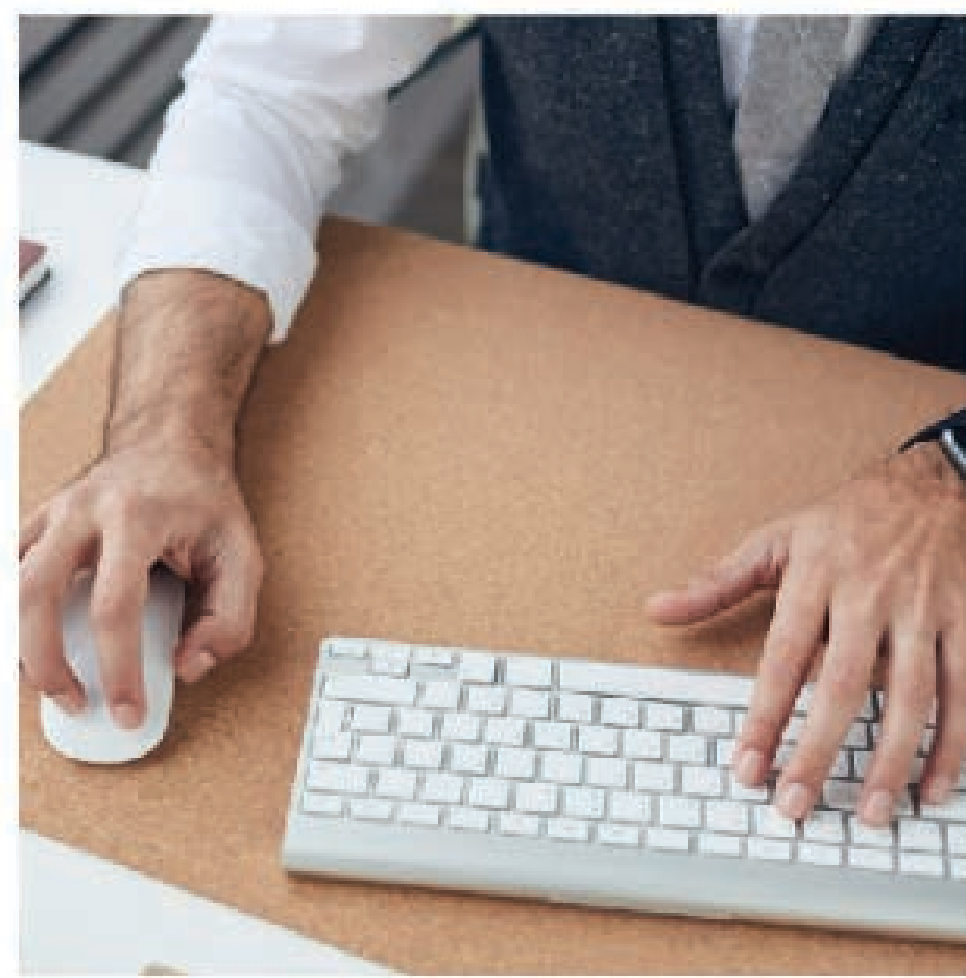# Unraveling the Mysteries Behind
Touch Precision and Sensitivity

Relying on touch-based products has become commonplace in daily life. The precision these products significantly impacts user experience and even safety. If manufacturers overlook real-world scenario simulation, risks can easily arise.

Touch Point Essentials ❯

Wireless Interference Risks in Real-world Scenarios

Based on Allion's extensive verification experience and market research, users have identified four major dissatisfaction issues with wireless keyboards and mice: unstable connection status, susceptibility to environmental signal interference, low battery life and security risks.

We use wireless environment reconstruction technology to identify key indicators affecting user experience and performance. By objectively evaluating these indicators, we help clients optimize their products.

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A Fatal Mistake: Measuring Touch Accuracy for IVI Systems

The In-vehicle Infotainment (IVI) system enhances the driving experience by integrating functions such as navigation, music playback, communications, and information displays, all of which rely on the interactive touch screen.

As a result, poor touch accuracy on IVI systems can lead to operational errors and confusion for drivers during usage. These potential issues underscore the importance of rigorous verification testing for IVI systems.

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Unveiling the Risks of Dropping a Stylus

The precision and sensitivity of a stylus may diminish after multiple drops, yet manufacturers often prioritize these aspects while overlooking potential risks in real-world scenarios.

Allion collaborates with major manufacturers to develop validation methods for stylus pens, subjecting them to multiple drops and various angles. These methods help mitigate potential risks and ensure optimal performance in diverse usage scenarios.

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