



UL supports Wirecard by making their boon. app interoperable



With the increasing complexity of today's mobile applications, new interoperability issues arise. To ensure a positive user experience, Wirecard asked UL to support them with interoperability testing during the launch of their HCE wallet solution: boon.

About

Wirecard AG is a global technology group that supports companies in accepting electronic payments from all sales channels. As a leading independent supplier, the Wirecard Group offers outsourcing and white label solutions for electronic payments. Wirecard launched their HCE mobile wallet solution boon. Aiming at the best quality for its customers and to prevent interoperability issues, Wirecard sought advice from UL.

Challenge

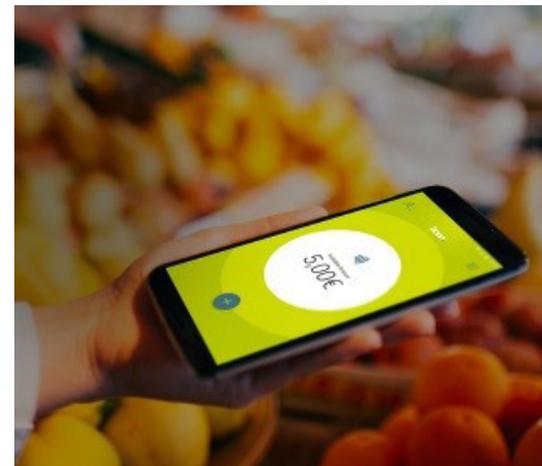
As the payment industry is rapidly changing with new payment models, standards and concepts entering the market, there is nowadays an exponential growth of interoperability challenges and risks. When introducing a new HCE wallet solution, functionality and data from the wallet needs to be accessed by various other external applications and devices at any given time. These external applications and devices may need to interface with the application at a data, component, user interface, network or operating system level. In such a scenario, interoperability and federation between these applications and devices are truly necessary for the wallet to successfully operate in the field. To instill trust in the boon. app from a consumer perspective and thus ensure its success prior to commercialization, Wirecard asked UL to perform functional interoperability testing.

Solution

Testing interoperability requires up-to-date knowledge on technical specifications, characteristics and exceptions in the payment ecosystem. To determine how Wirecard's boon. app functions with POS terminals and readers in the local markets, UL performed thorough functional interoperability testing in UL's state-of-the-art Mobile Test Center. Functional interoperability testing is a quality assurance process, focusing on device-agnostic user experience. UL's Mobile Test Center makes use of real components during testing and represents a large test bench covering the European market, which improves the quality.

Result

UL's experts provided extended issue analysis and recommendations, which enables Wirecard to present an even more mature HCE mobile wallet solution to their future customers. This reduces the cost of initial client implementation while at the same time enabling Wirecard to offer an unparalleled payment experience, from an intuitive user interface to its design and the very highest security standards.



“ Working with UL's dedicated team has been vital in making sure boon. is interoperable with the PoS terminal in various European markets. We value UL as our long-term partner in providing technical expertise and testing competence to make our complex project a success. ”

Sebastian Krahe

Head of Customer Implementation, Wirecard