





Smart Home Device Testing:

- Wireless Interoperability
- Mobile apps
- Reliability and compatibility
- Usability and functional
- Video and syslog capturing tools
- Feature performance
- iPhone and Android compatibility
- Wi-Fi router compatibility
- Maintenance testing
- Root cause analysis

Understanding UL's approach to interoperability and quality testing

We live in a complicated world, where trust is often hard to achieve. A smart device, for example, is only as good as its ability to get connected, stay connected to the internet and deliver on its intended features. The wide range of Wi-Fi routers, mobile phones and operating systems sold over the years presents a significant challenge to the smart technology industry.

At UL, we've been testing the connectivity, interoperability and user experience of mobile and smart home technologies since they were first introduced. Our long-standing relationships with mobile phone makers, chipset manufactures and mobile carrier providers combined with our diverse selection of Wi-Fi routers offer you access to pre-production, post-production and maintenance testing expertise that's not found anywhere else. Our standardized, global laboratories with large device libraries offer you the widest array of products to test your marketing claims against and meet your global needs. We offer a deep dive into interoperability testing to identify issues, validate performance and compatibility and recommend solutions early to avoid costly trial-and-error prototyping. With maintenance testing, we help confirm your product's performance against recently upgraded operating systems or new products introduced into the marketplace.

Leverage our testing expertise to identify problems so we can help you:

- Improve consumer out-of-box experience
- Improve product and mobile app reviews
- Minimize calls to customer support
- Reduce product returns
- Deliver quality and performance
- Help drive increased sales
- Protect brand reputation

Get connected, stay connected and deliver on intended features with our end-to-end smart device testing solutions. Learn more at UL.com/interoperability.



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