



Test as a Service for Device (TaaS)

SmartViser, run and manage testing for Mobile Service Providers and Manufacturers in our state-of-the-art testing laboratory. Our extensive team of experts are accessible, overseeing every test specification, helping you to manage your testing capabilities.

TaaS Packages allow for adaptable testing protocols that can be scaled up or down depending on your requirements. Our TaaS offering brings the ability to integrate targeted testing to reduce testing cycles without reducing quality, this sets us apart from other TaaS suppliers.

Working with key Telcom organisations, our in-house technical expertise has global market knowledge that you can rely on. SmartViser offers support to complement your testing strategy and objectives delivering you the best value, highest quality within your deadlines.

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Service Capabilities:

- Service Validation
(Modem, Reliability, Performance)
- Benchmark Services
(Reference Device Comparison)
- Battery Testing
(Battery Life, Performance Deep Dive)
- Camera Testing
(Performance, VCX rating) * via partner
- GCF Certification Services
* via RTO partner
- Field Testing & Security Testing
(Pre-deployment, Execution)
- Carrier and Open Market Testing
- IMS Field Testing (VoLTE, VoWiFi)

Talk To Us

SERVICE GUIDE

Test as a Service for Device (TaaS)

1. Device Validation

Smartphones bring a lot of functionalities, of course. Modem performance is key but also multimedia, device reliability and connectivity performance, such as GPS, time to first fix or even device fluidity and reactivity are also key for a product launching success.

When rolling out a new device you rely on internal indicators to declare product readiness. The moment when the device is launched - what will the customer experience during first-time use?

SmartViser can be your partner to support your validation phase, to provide you with the maturity assessment. SmartViser will execute its exclusive test plan focused to catch the most important device KPI's. With the added advantage of delivering accurate results in a comparison mode, against competitors or reference devices.



2. Battery Testing

The battery life is key for any product launching, we all know that the new product sales success will be highly influenced by reviews from media. If a device is failing in a key area such as Battery Life Performance, then this can have a negative impact on sales.

Even if Media reviews are important in the Operator's acceptance test plan there is always a large part of the testing focusing on Battery Life Performance.

SmartViser can provide a large panel of testing services and assessments for Battery Life Performed with a reference process reflecting the real end-user usage. The power drain can be verified in-depth to help with product tuning and improvement.

Before submitting a device for review or for Operator acceptance or even to get a true stamp on the real Battery Life Performance, consider the expertise of SmartViser.

3. Camera Testing

Camera quality is one of the key selling points. Nowadays most of the end-users are heavily using the camera for taking selfies, capturing views, events, news updates, live streaming and they expect the best quality and performance.

When choosing medium and high tier devices customers are expecting to forgo their camera and use their smartphone to capture everyday life with the best accuracy.

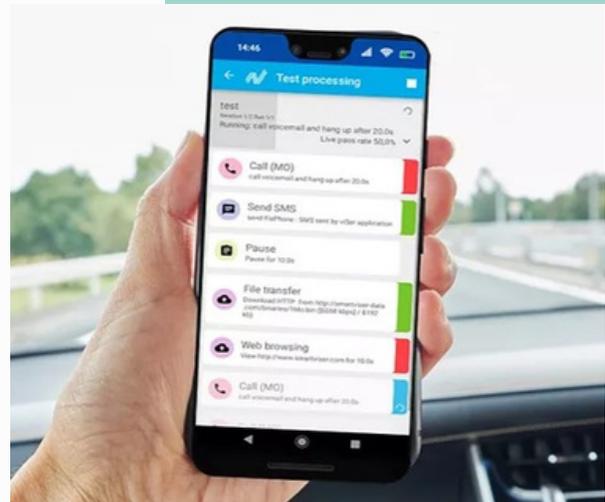
The smartphone market is very tough, and any failure or unfair quality reported by Media will lower the sales. Any hint of disappointment on the customer side will decrease brand loyalty, so reduce risks with camera quality, ask SmartViser to evaluate.

To get maximum confidence in your device camera features and quality, SmartViser will evaluate camera quality from picture quality rating versus reference specification (for instance VCX) but also functional and interoperability verification to ensure that modes and parameters for the front and rear camera are working as expected.

***According to one of our customers...
"As a Mobile Network Operator, we need testing performed on live networks, so that initial issues can be detected.***

A mobile solution was required to ensure performance was not hindered by external sources. viSerBatt was tailored to our specific testing that delivered reliable and accurate validation.

Unlike lab testing, ViserBatt made available real-time data, so we had the evidence and confidence in the ability of performance.



4. Field Testing and GCF Certification

Smartphones should be tested to various network configurations and correctly execute mobility procedures to provide seamless voice and data connectivity.

Field Testing activities verify device interoperability on live network conditions. This requires executing a full set of tests in static and mobility conditions. Test engineers should perform a maximum of tests and capture all the KPI's in the shortest time frame.

SmartViser can fully support the Field Testing activities and reduces the need for large teams of test engineers travelling to perform mobility testing in different countries for overseas deployment.

The Field Testing offers integrated pre GCF testing, which allows a high level of confidence in the interoperability with the network infrastructure and Official GCF testing as well, performed by an RTO trusted partner

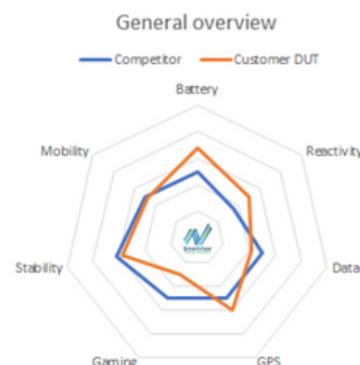
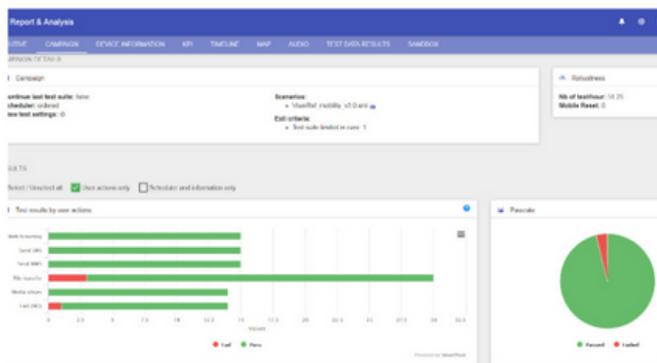
TaaS Reporting

What is included in this TaaS Package Report?

Use this comprehensive report for your testing requirements to gain immediate access to your test results. Using real-time data the report features such as device information, KPI, timeline, map analysis and full access to comprehensive test data, which is all perfect for faster issue detection contributing to faster decision making.

Why should I use this report?

With colourful and informative visuals, test results are presented in a general overview, a great asset to see all results in one place, making analysis easier and recommendations clearer to define for improvements to be made. This TaaS report display lots of valuable information which will stimulate your testing and build confidence in testing performance.



Setting up TaaS

TaaS covers all the aspects of mobile testing and is accessible to large-scale organisations as well as small and medium businesses. SmartViser uses viSer, an active test automation solution that is fully optimised, reliable and secure.

Our setup includes:

- Define the testing scope (battery, modem, camera or countries targeted for the FT)
- Arrange delivery of your smartphone device
- Identify a device as a benchmark during the testing
- Obtain your detailed test report with valuable recommendations to improve your device

Key Benefits

- **In-house technical expertise with the global market knowledge**
- **Cost-effective thanks to cutting edge automation**
- **Close relationship working with key industry Telecom organisations**