Ookla Wind®

Wireless intelligence on demand

Re-imagine the way you drive test, walk test, and optimize your network. Ookla's handset-based testing and monitoring solution provides comprehensive network measurements with real-time data processing and visualization. Live-streaming data means you can stop uploading and post-processing massive log files — and start acting immediately on network insights. Wind solutions empower operators to rapidly build, launch, optimize, and monitor both indoor and out-door networks, all with consumer network experience at the heart of the system.

Generate walk-test and drive-test reports in real time

Wind application

Our handset-based Android app provides standalone live testing solutions and chipset-level KPIs — no more laptops or bulky equipment required.

On-device reporting

Fully automated, instant reports are processed on the device, within seconds, for faster site verification, acceptance testing and cluster reports.

Remote control and monitoring

Remotely schedule and manage testing on an entire fleet of devices and scanners, including Speedtest®, voice, and Top-N scans, remote band-locking, live Layer-3 messages, and real-time troubleshooting.

Real-time cloud analytics

Dynamic live reporting and streaming KPI dashboard visualizations show an instant picture of network conditions — while testers are still in the field.
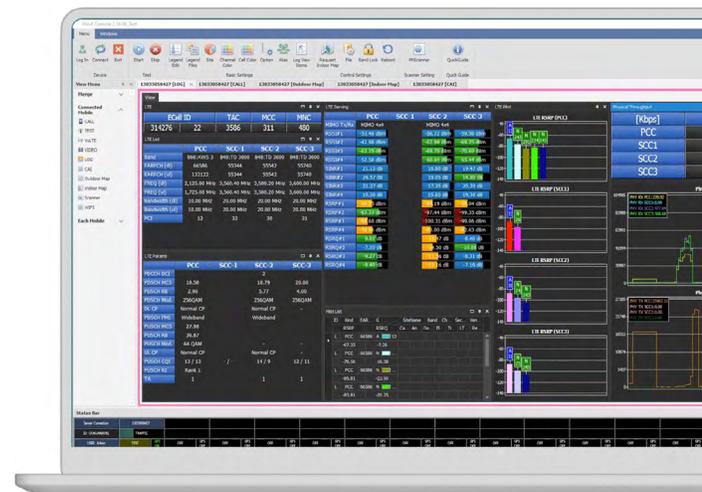
Remote test management

Wind Console™

Remotely control connected Wind devices in the field from one intuitive interface. Wind Console lets you schedule and manage testing, conduct autonomous probe-based testing, and perform remote scrpting for Speedtest and voice calls — all with real-time data visualization.

Fleet Management™

Schedule and manage testing on an entire fleet of connected devices.

Reporting and post-processing options

Edge Report™

Eliminate testing complexity and make field testing more efficient. Edge Report delivers instant on-device reporting and a comprehensive KPI report emailed anywhere within seconds.

Live-Stream Report™

Bring your test results to life with dynamic reporting and benchmarking dashboards. With an ElasticSearch database and Kibana data visualization, you can monitor live events, conduct nationwide benchmarking, and generate customized KPI reports in the format of your choice.

Legacy post-processing solutions

When needed, import Wind log files into your existing systems for drive-test survey analytics, rollout monitoring, network optimization, network acceptance, and validation use cases.

Sample use cases

Site verification

Verify a single site 10x-30x faster than traditional post-processing and reporting methods.

- Ensure new cell sites, radio carriers, and technology deployments are installed and operating correctly
- Generate a validation report directly on the test device
- Process collected data in seconds and immediately email the report anywhere

Live event monitoring

Remotely monitor your customer network experience during large sporting events, concerts, conferences, and cultural events.

- Live-stream performance data during major events
- Perform deep analysis on competitive benchmarking
- Take corrective action to maximize customer experience during high-profile events
- Monitor performance in critical facilities using fully autonomous probes.

Accurate 5G testing

Wind provides chipset-level engineering KPIs for the latest technologies, including non-standalone and standalone 5G NR for both FR1 and FR2 deployments.

- Accurately test the gigabit-and-beyond speeds of a 5G network connection
- Native Speedtest integration utilizes Ookla's industry-standard test methodology and global Speedtest Server Network™
- Ookla works directly with device and chipset manufacturers to ensure compatibility with the latest network technologies.

Learn more at **ookla.com/wind**