

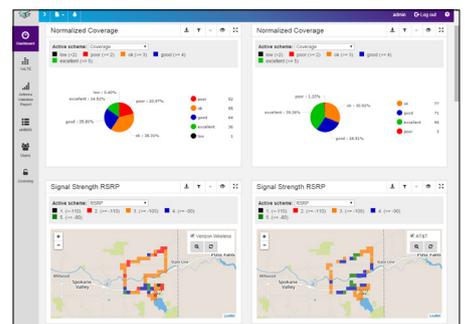
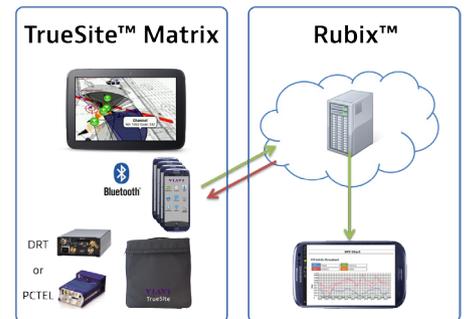


Real-Time Venue Benchmarking and Optimization

Stadiums and arenas are challenging environments for network service providers—large numbers of fans are in close proximity, and nearly all of them are using smartphones. How do providers truly understand the end-user experience? Unfortunately, RAN KPIs typically don't monitor real-time user experience accurately.

Yet mobile subscribers have little tolerance for dropped calls and interruptions accessing data and applications. Operators must know how their networks are performing in real time, and how they are trending compared to the competition. Accurately benchmarking network quality, in real-time, is now a must-have for network service providers. Up until this point the wireless test industry has not offered a, and real-time, solution.

To overcome these challenges, Viavi partnered with several operators to develop TrueSite. Reliable and easy-to-use, it is the industry's first real-time, in-building RF benchmarking and optimization solution.



Online reporting interface accessible from any device

A Real-Time Venue Benchmarking and Optimization Solution

Ultra-portable, cloud-enabled TrueSite makes it easy to test any indoor environment including airports, stadiums, malls, and offices. Using an Android-based app, a single technician can discreetly gather data from up to six smartphones and a single receiver. Leveraging this cloud-based RF post-processing solution, operators can comprehensively monitor real-time network performance and perform benchmark testing. This lets them quickly resolve performance issues to minimize user churn and more effectively monetize their investments.

Key benefits include:

- Ultra-portability to let technicians discreetly gather RF data, even during busy events
- A Bluetooth-enabled tablet application that controls up to six devices and one receiver to capture multiple operator performance in one walk
- Actionable network KPIs with insights into network issues
- Real-time data processing to let back-office engineers identify issues and troubleshoot quickly, minimizing repeat data-capture walks
- The Rubix™ smart processing engine that delivers key KPIs (throughput, dropped calls, and connection attempts) in an easy-to-access, live report that shows the user experience across multiple operators
- Simultaneous collection of all wireless technologies, reducing data-capture time and lowering OpEx



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