



### About octoScope

OctoScope offers wireless product development and technology strategy services.

Our expertise spans Wi-Fi, LTE and other wireless technologies. We are strong in performance optimization and test.

Established in 2006, octoScope is a growing company in a growing industry.

Our [wireless CTO services](#) include:

- ✓ Product architecture
- ✓ Product advocacy
- ✓ Performance testing
- ✓ Competitive analysis
- ✓ Industry standards work
- ✓ Patent development , analysis
- ✓ Investor due diligence

We closely track the trends and new developments in the wireless industry through active work on 4G standards at IEEE and 3GPP. We frequently present at industry conferences and publish articles in technology journals.

Our [product development services](#) include:

- ✓ RF, analog and logic hardware
- ✓ Digital Signal Processing (DSP)
- ✓ High frequency PCB layout
- ✓ Antenna systems
- ✓ Embedded software
- ✓ Test and test automation

Our design engineers are thorough and creative, with 20+ years' average experience. We hire smart people who know how to get things done.

### A partial list of projects

Architecture of a wireless network and antenna system for controlling mobile robots

Antenna simulation and measurements for a Wi-Fi appliance

Design of RF measurement subsystem for qualifying GaN, GaAs and LDMOS devices

Design of envelope-tracking power supply for a wideband 3G/4G power amplifier

Analysis of front-end RF IC design as part of due diligence

Development of throughput and QoS measurement software to qualify wireless communications for mobile robotic equipment

Development of test automation software

Competitive analysis of network test products

Architectural analysis of a fiber optic system



Articles  
Reports  
Seminars



Products

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Our product development skills bring technical depth and practical thinking to CTO services. CTO expertise makes us informed product developers familiar with market requirements.

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**We see the forest and the trees**