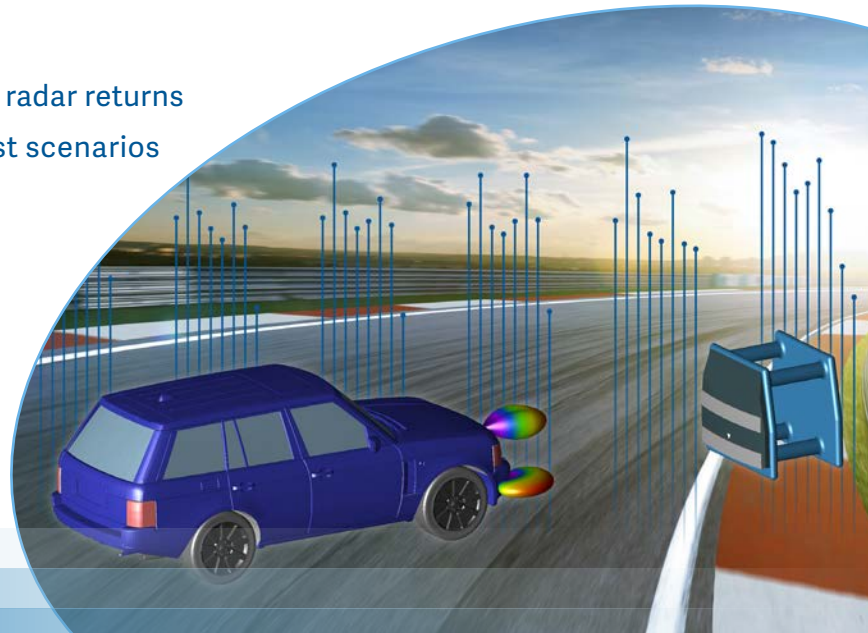


WaveFarer® Automotive Radar Simulation Software



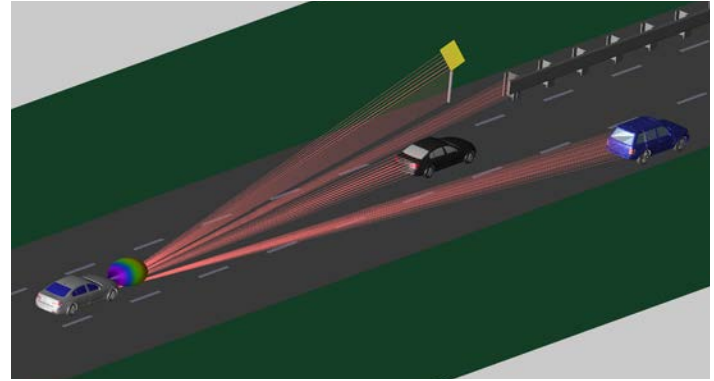
WaveFarer is a unique software tool created specifically for automotive radar sensor design and placement. It enables OEMs and Tier 1 suppliers to virtually test and refine results earlier in the design process, improving installed sensor performance.

- High-fidelity radar simulator
- Near-field propagation methods compute raw radar returns
- Fast, accurate analysis of repeatable drive test scenarios
- Frequencies up to and beyond 100 GHz
- Virtually test and refine results earlier in design process



WaveFarer's Features Include:

- **Near-Field Propagation Method:** Calculate scattering off target surfaces, including multi-path interactions with ground reflections, using ray-tracing algorithms and physics-based calculations.
- **Dynamic Scenario:** Apply movement to radar sensors, target vehicles, and other scatterers.
- **User-Defined Antennas:** Import measured or simulated radiation patterns.
- **Targeted Ray Casting:** Efficiently produce high-fidelity returns from a target.
- **Shared Platform with XFtdtd®:** Integrated program works seamlessly with XF, boosting efficiencies and productivity.



REMCOM®

Learn more at

www.remcom.com/wavefarer >>>

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