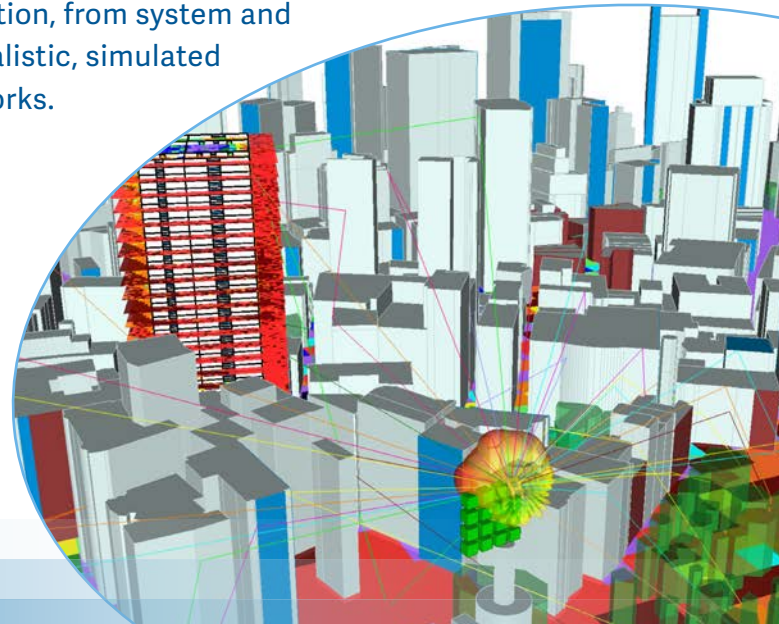


5G and MIMO Simulation Software



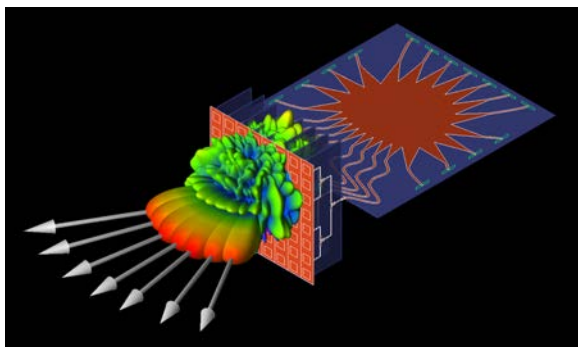
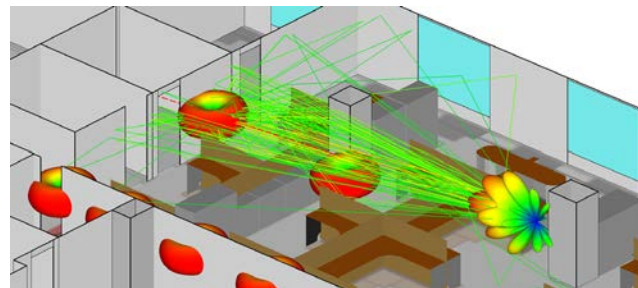
5G is pushing the boundaries of wireless communications and wireless device design. Significant innovations are needed in order to accommodate increased requirements for Enhanced Mobile Broadband, Massive Machine-Type Communications, and Ultra-Reliable Low Latency Communications. Remcom's simulation products provide a complete solution, from system and antenna design through performance assessment in realistic, simulated environments, and planning for deployment in 5G networks.

- 3D ray tracing valid up to 100 GHz
- Simulate massive MIMO arrays
- Compute complex channel matrix
- Spatial multiplexing and beamforming
- Diffuse scattering
- High-performance computing



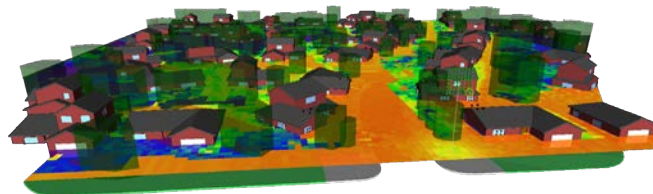
Remcom's unique ray tracing tools simulate MIMO antennas for 5G, WiFi, and other applications relevant to today's rapidly advancing technologies:

- MIMO and array design
- Urban small cells
- Fixed wireless access
- Millimeter wave indoor channel modeling



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TSH0W-5G-0819