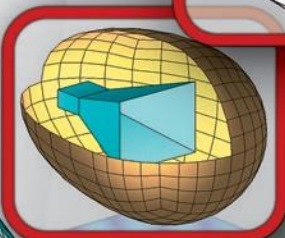
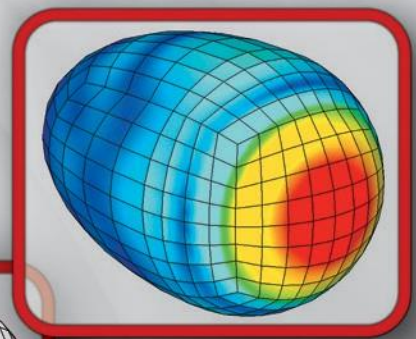


WIPL-D Pro V20

New:

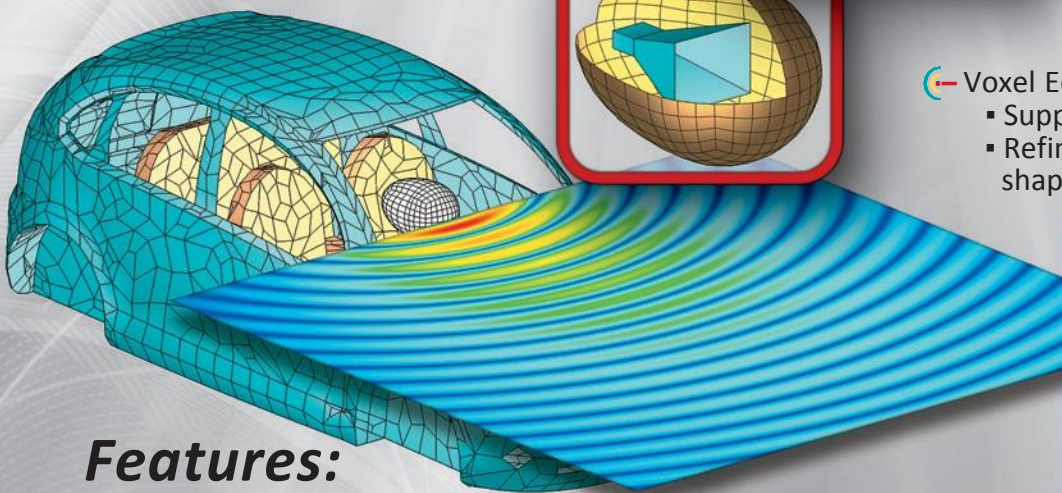
- [-] New object BoCS enables:
 - Creation of objects by sweep of generatrix along composite 3D path (Example: Plate model of wire coil)
- [-] Domain Decomposition Solver enables:
 - Quick evaluation of monostatic RCS (Example: For additional 360 directions CPU time equals that for bistatic RCS)
- [-] Medical MicroWave Imaging (MMWI) toolkit:
 - Design of Helmet antenna system for tumor/stroke detection/monitoring
- [-] STL Editor provides:
 - Refined meshing of extreme shapes (Example: Elongated branches of treetop)
 - 10 times faster decimation and meshing
- [-] Current Generators (CGs) grants:
 - Usage of sources with symmetry planes
 - Rotations and translation of sources
 - Max. number of sources up to 1 million

**Fast and easy
creation of EM
scenarios**



- [-] Python Scripting Tool allows to:
 - Access and modify symbols lists
 - Open and run WIPL-D suites
 - Retrieve simulation results

- [-] Voxel Editor includes:
 - Support for New voxel file formats
 - Refined decimation for complex shapes (Example: Snowflakes)



Features:

- [-] Full 3D EM simulation in frequency domain
- [-] Metallic, dielectric and magnetic materials
- [-] Lumped elements and distributed loadings
- [-] Add-ons: GPU Solver, Optimizer, Time Domain Solver, Circuit Solver (Microwave) and 2D Solver
- [-] Applications: antenna design and placement, scatterers, microwave circuits and waveguides, EMC ...

