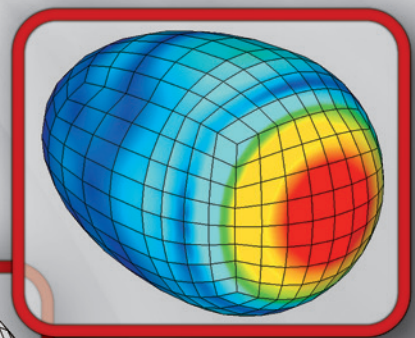
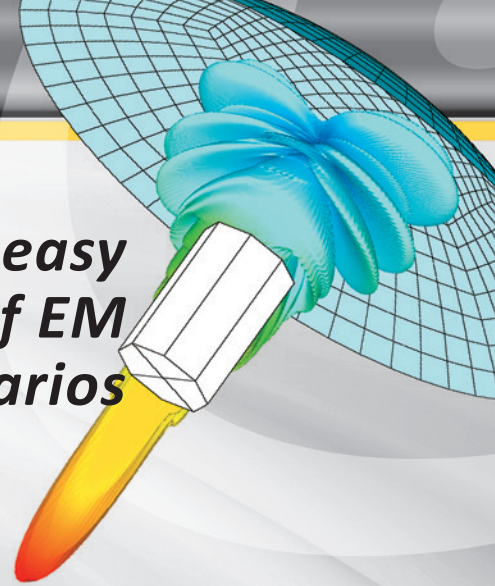


## WIPL-D Pro V20

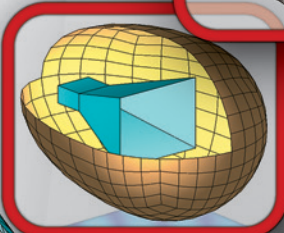
**New:**

- ☞ 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

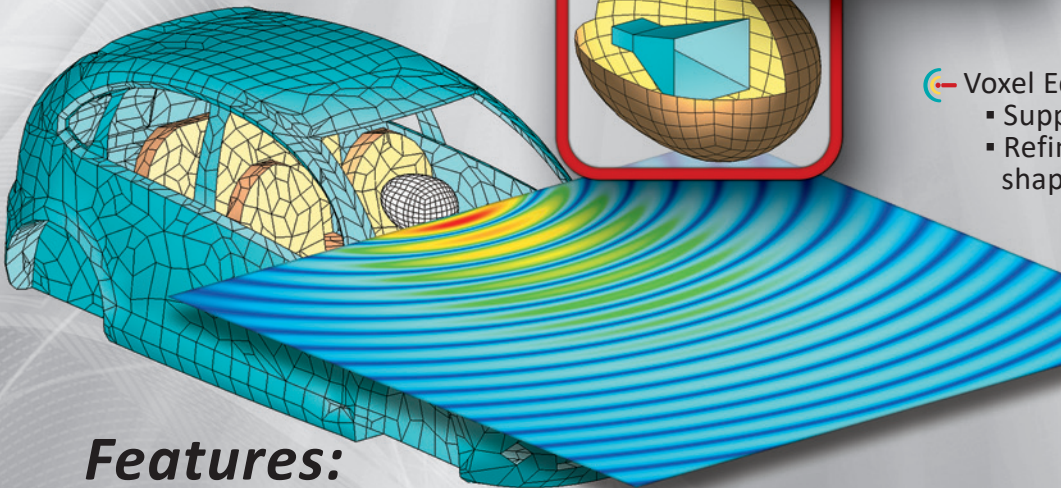
**Fast and easy  
creation of EM  
scenarios**



- ☞ 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 ...

