

## EMA3D Release Change Notes

### EMA3D CD installation 3.3.0 - changes from 3.2.1

#### EMA3D (solver)

- fixes and improvements to anisotropic materials routines
- Picture Probe: fixed problem where vector arrows sometimes pointed wrong direction on Windows (all pointed the same direction rather than accurately depicting current flow)
- other miscellaneous fixes

#### EMA3D CADfix GUItools

- fixed bug at CADfix startup - "error in post-fam start commands" on Linux
  - this bug also caused a bug in the EMA3D Constant Lattice Manager
- fixed bug where not all entry widgets showed up in one of the Plane Wave Source definition tools

#### Licensing

- EMA3D now uses Reprise License Manager (RLM) for all platforms (win32, win64, linux64)

### EMA3D CD installation 3.2.1 - changes from 3.1.3

#### EMA3D (solver)

- fixed problems with thin gap routines
- fixed problems with Huygen's surface
- fixed problems with composite materials routines
- picture probe surface current densities modified to include complete current in a cell rather than the tangential H field (complete loop vs. only using tangential H fields)
- miscellaneous minor bug fixes