

Version 5.0

Software Inc.

CROSS



## **CSuprem:**

- 2D/3D Semiconductor process simulator
- Based on Stanford University Suprem IV
- Windows based GUI and easy to use interface
- Real time wizard help support for quick reference
- Monte Carlo simulation capable
- AutoTCAD for Design of Experiment



## **APSYS**:

- Advanced 2D/3D Semiconductor device simulator
- Electrical, thermal, optical and mechanical simulation
- Simple mixed mode (resistors, capacitors and Inductors.)
- Complete material library for compound applications
- Multi-quantum well and advanced physics available



## **CrosslightView:**

- Read both process and device simulation files
- Plot potential, electric field, impact ionization, etc.
- Curve plots: I-V, Smith Chart, Band diagram, etc.
- Automatically extracts threshold voltage
- 3D rotation, 2D/3D cut, surface plot, etc.



## MaskEditor/SemiCrafter:

No need to have separate software to create structures

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- Direct GDSII import
- Automatically generates the files for 3D simulation
- Capable of layout all shapes of design for devices
- Directly input Csuprem process code



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