

EASY MIGRATION

from ISE Dessim TCAD Device Simulator

to SILVACO ATLAS

While SILVACO ATLAS and ISE TCAD device simulator Dessim differ in syntax, inputs and outputs, SILVACO has developed and continues to maintain a tested conversion tool to ensure ISE Dessim capability and compatibility. ATLAS can do everything that Dessim can do that has a value today, plus a lot more. Buying SILVACO software is like buying a superset of Dessim. Switching to SILVACO ATLAS is simple and easy. Dessim users who switch to SILVACO ATLAS can preserve their legacy of work without having to recalibrate their model coefficients or learn new software.

ATLAS/Dessim Compatibility Features

- Syntax conversion for keywords, parameters
- Physical models
- Material parameter defaults
- Automatic loading of ISE ASCII structure files

Key Benefits of SILVACO's ISE Compatibility

- Support for customer-demanded:
 - Physics
 - Syntax
 - Import file formats
- Existing Dessim input decks can be converted to ATLAS syntax allowing straightforward transfer of years of know-how and calibration
- Compatibility features have been tested for years with existing ISE-based TCAD users