

## Overview

IC WorkBench Edit/View Plus allows viewing and editing GDSII, OASIS®, and LEF/DEF layouts from small IP blocks to full chip databases. ICWBEV+:

- Quickly opens large GDSII, OASIS, and LEF/DEF files with low memory overhead, and cache files drastically decrease the time for subsequent sessions
- Opens Optimized OASIS files instantly
- Provides easy debugging of the hierarchy and placement of cells and shapes
- Shows fast, interactive shape connectivity
- Supports the IC Validator (VUE) application to review and correct DRC and LVS errors
- Provides various modes for merging layouts of mixed formats and DBUs
- Compares layouts, cells, and generates difference reports/layouts
- Defines TCAD simulation domains in hierarchical layouts for Sentaurus

## High Speed, High Capacity View and Editing

ICWBEV+ loads gigabytes of data in minutes and has unlimited file size capacity on 64-bit platforms. Fast zooming and panning ease exploration and analysis of the largest layout patterns. In addition, ICWBEV+ can overlay two or more layouts in a single view without merging the underlying layout files.

Hierarchical selection and editing allow ICWBEV+ to select and edit shapes deep in the hierarchy without requiring the sub-cell to be opened as shown in Figure 1. Edit operations have undo and redo support.





