

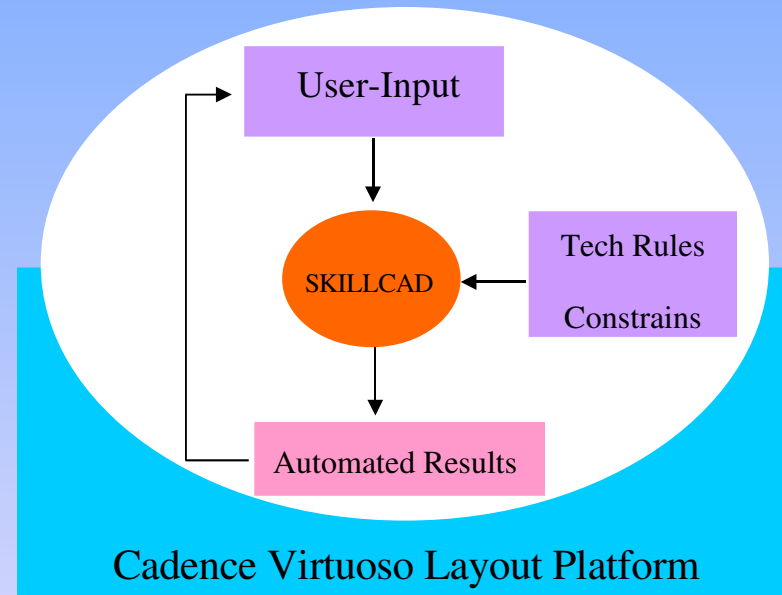
SKILLCAD Inc.

- Founded In 2006 At San Jose, California, USA.
- Dedicated to Routing and Automation Tools (IC Layout)
- Member of Cadence Connections Program



SKILLCAD Interface

- Add-on to Cadence System (IC5.x, IC6.x)
- No Affect on Existing Flow
- No Mouse/Key Change
- Click and Play
- Customer No Risk





SKILLCAD Value

- Extra multiple Levels of Automation
- Shorter Layout Time, Productivity Enhancement
saving 15% + overall layout time
- Relief Layout Work
- Better Layout Quality



Technology & Products

2 Families; 8 Modules; No competitors

- StepRouter

- 1) StepRouter
- 2) FreeJumper
- 3) BusJoint
- 4) UniVia

- Toolkits

- 5) SlotPath
- 2) GetNet
- 3) QuickLabel
- 4) UniFill

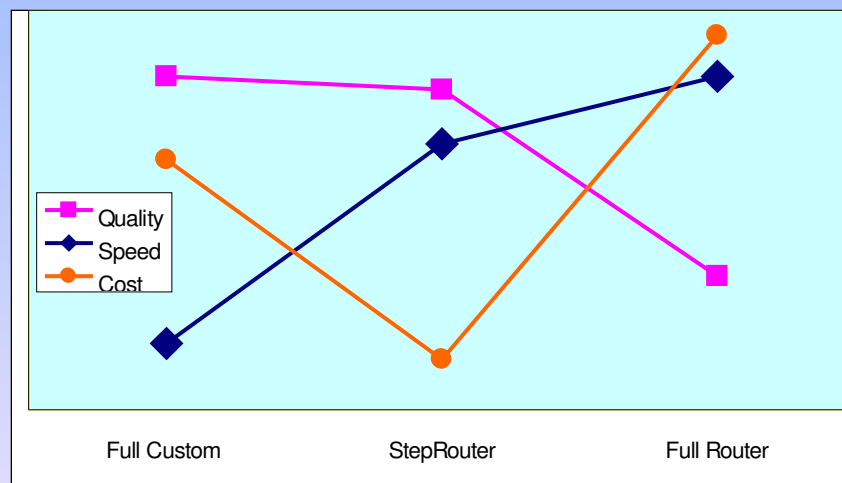
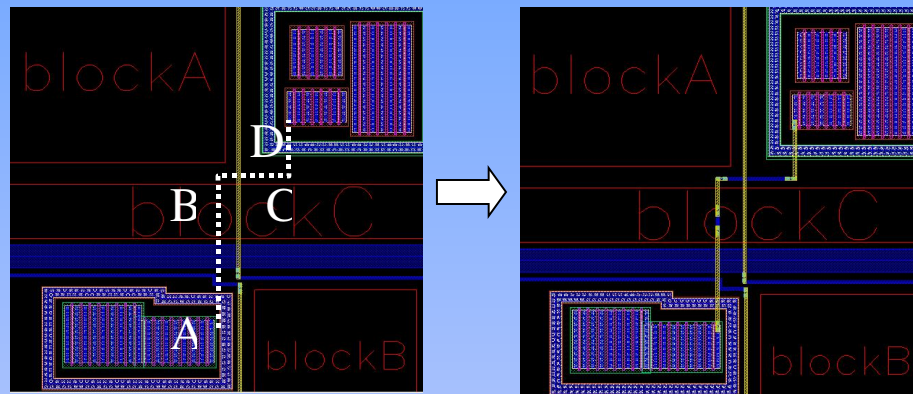
SKILLCAD Technology Setup



Tech & Products – StepRouter.

StepRouter (Patent Pending):

- Industrial 1st Hybrid Router
- Point-to-Point Gridless
- Directly on Layout Window
- Optimized by Construction
(Layer Direction, R, C, RC)
- 20+ times Faster in Wiring
- Unlimited Hierarchy
- Nanometer Design Rules
- Path/Bus/Matched Router
-

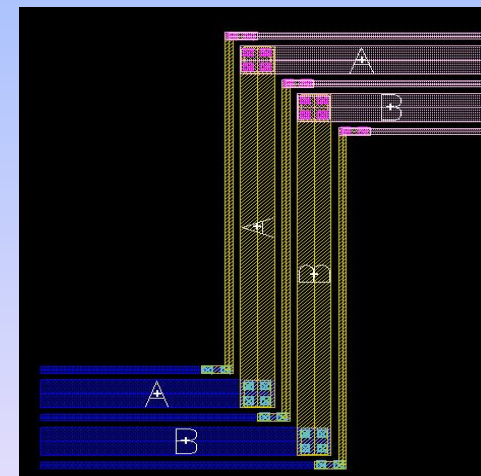
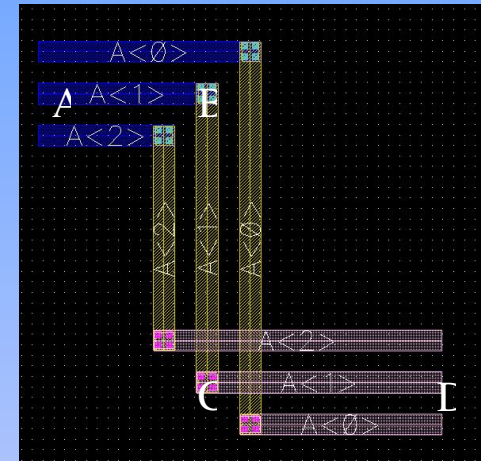




Tech & Products – FreeJumper

FreeJumper:

- Metal/Via Space Pusher
- Multilevel Jumping
- Auto Minimum Area Fixing
- Redundant Via
- Path/Bus/ShieldBus
- Interactive Via Alignment
- Unlimited Undo

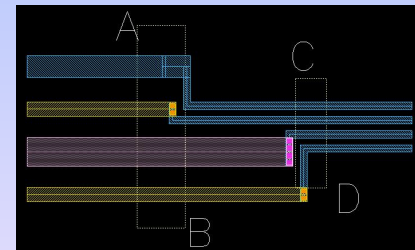
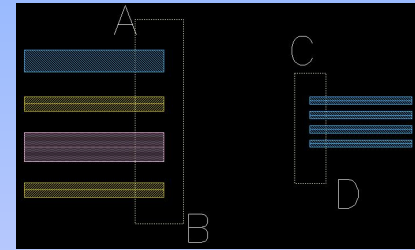
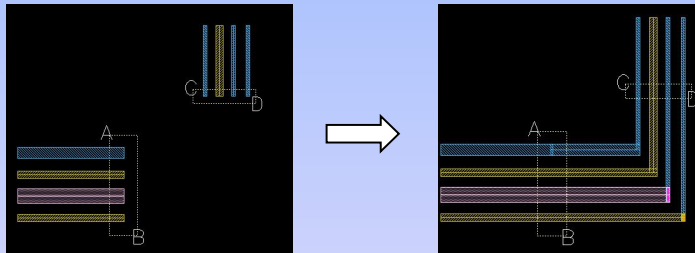




Tech & Products – BusJoint

BusJoint:

- Converting Irregular Bus to Normal Bus
- L-Joint, Y-Joint and Z-Joint

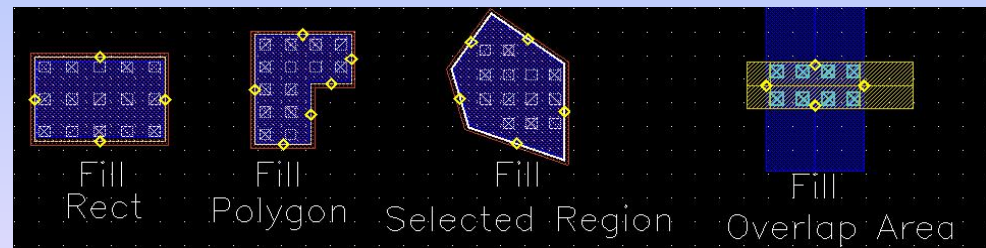
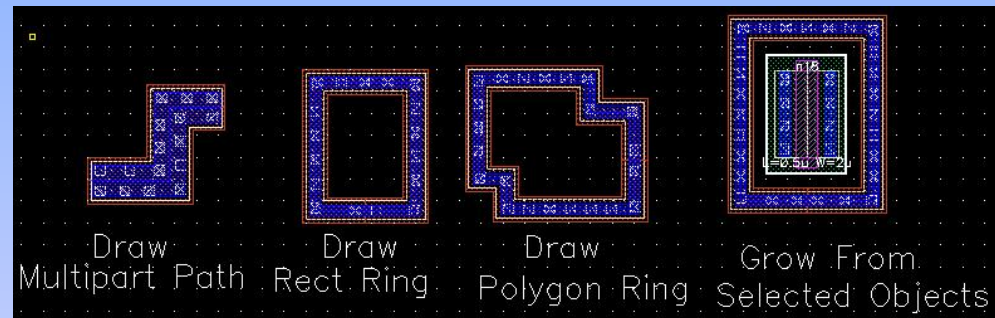
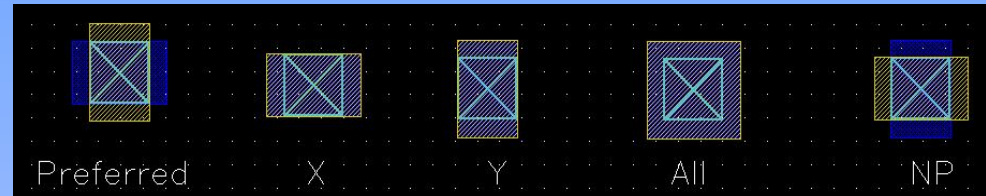


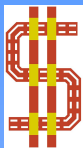


Tech & Products – UniVia

UniVia:

- One Via Fits all.
- Cols & Rows
- MPP/Ring
- Filling Area
- Stretchable
- Nanometer Rules

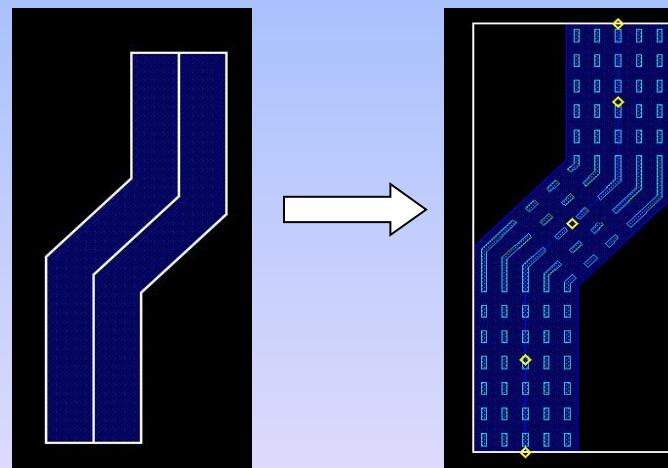
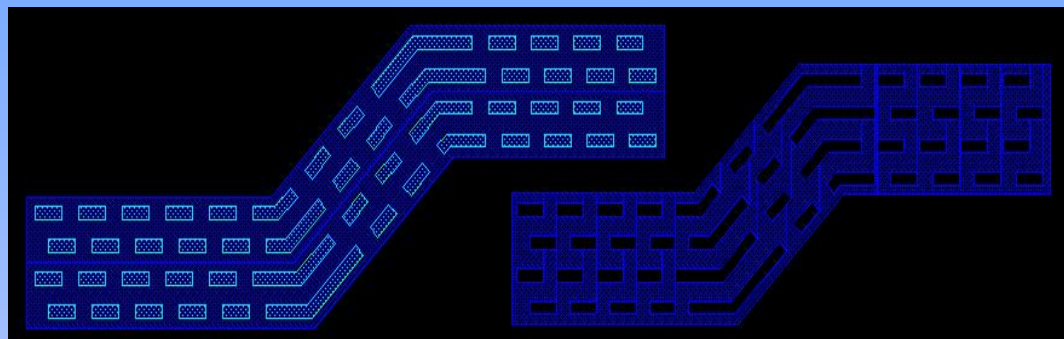




Tech & Products – SlotPath

SlotPath:

- Flexible Rules
- Any Angle
- On Grid
- Stretchable Pcell
- Convert Big Path

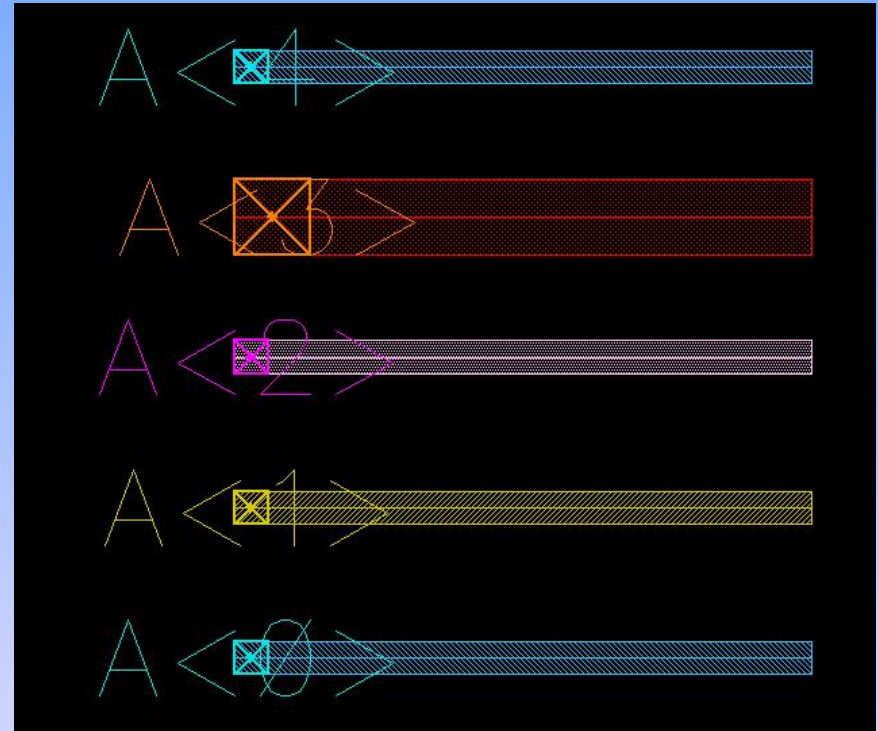




Tech & Products – QuickLabel

QuickLabel:

- Auto Label Layer
- Labels from Schematic
- Bus Labels
- Auto Shape Pin
- Pin/Label Browser

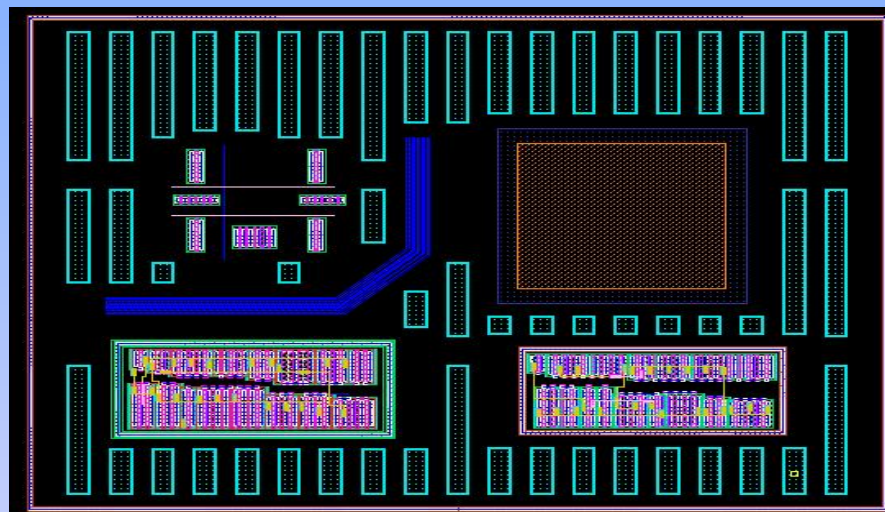


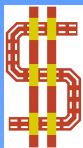


Tech & Products – UniFill

UniFill:

- Any Pattern
- Various Keepouts
- No Overfill
- Matched Fill





Tech & Products – GetNet

GetNet:

- Select Net
- Extract Net
- Highlight Net
- Unlimited Levels

