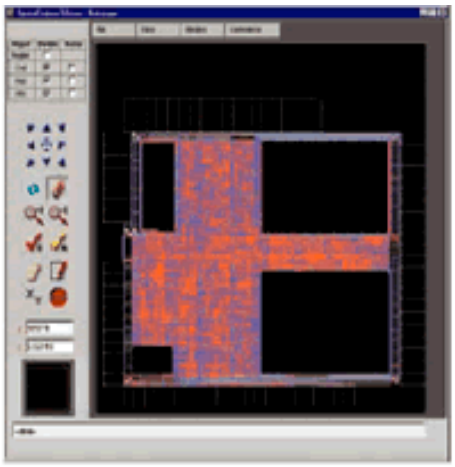
SiliconCruiser™, an application in the Oridus Server system, allows users remote access to place and route database anytime and from anywhere through any existing browsers. Using the SiliconCruiser Conference feature, design engineers can work with other designers to resolve any ambiguity at any early stage and reduce iteration loops. SiliconCruiser also offers important navigation and browsing features.

During the physical data implementation stage in IC design, engineers engage in frequent communication among themselves, with their IP providers and with the foundries. For most design engineers, knowing whether a physical layout has been faithfully implemented is very important for the design timing verification. Through the collaborative environment in the Web-enabled Oridus Server system, design teams can work together to eliminate costly handoffs and delays.



Features

- Search
- Set display
- Set layer
- Set grid
- Select component/net
- Zoom in/zoom out
- Show coordinate
- Measure
- Markers
- Chat
- Conference mode
- Security

Search
Search and highlight objects (either components or nets, depending on the selection).

Set Display
Simultaneously display components, nets or pins, depending on the choice. Names for components, nets or pins can be turned on as the user prefers.

Set Layer
Display layers' color and pattern information to help users review the design database.

Select Component/Net
Highlight a net or component selected, and display information in the Message Window.

Secure Architecture

- Access control: usernames and passwords protection
- Data stream security: SSL
- Firewall protected

Conference Mode
SiliconCruiser facilitates real-time Web conferencing between engineer teams. All members in the same conference from different geographical locations will be running the same application and viewing the same results coming back from the application. Using the tools in the SiliconCruiser Conference, such as chat and markers, the design team can analyze the physical database before any resource spending at an early stage.