cliosoft | SOS

Elevate your Design Data Management for Cadence® Virtuoso® platform.

SPEED

Experience a more rapid hardware development lifecycle with Cadence Virtuoso.

SCALE

Hardware Design Management that adjusts to your growing analog, mixed-signal, and RF design needs.
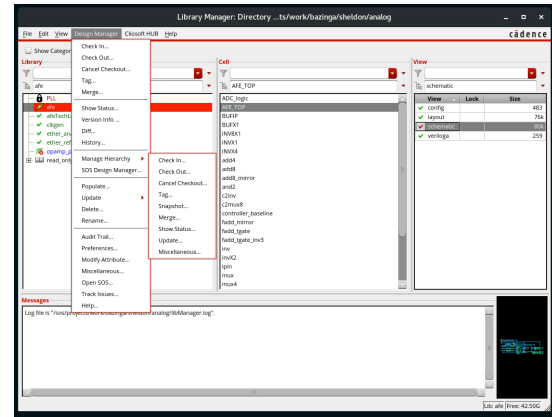
COLLABORATION

Collaborate on a multi-site design at speed and scale with an architecture specially built for hardware collaboration.
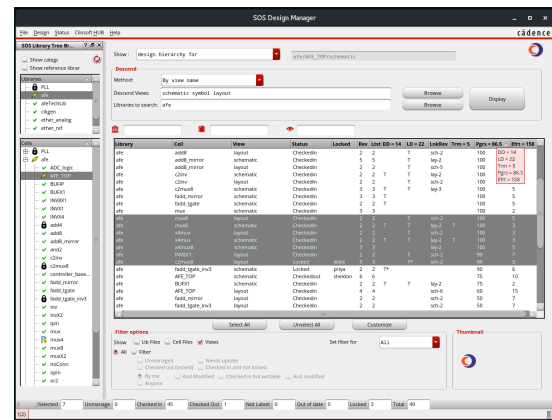
SOS VIRTUOSO

SOS Virtuoso, a Cliosoft product, is the leading SoC design management platform for analog and mixed-signal design teams using the Cadence Virtuoso platform. It enables analog designers to build and collaborate with other team members, located either locally or at remote design sites, from concept to GDSII.

SOS Virtuoso is the leading SoC design management platform that is built on the Cliosoft SOS platform. It improves design productivity for analog designers by providing them with an easy-to-use and intuitive interface directly within the Cadence Virtuoso platform. The native and intuitive interface enables designers to revision control and manage their schematics, layouts, and other views.

With a flexible workflow model, SOS Virtuoso can be used effectively for small and large teams to manage their designs. SOS Virtuoso can be seamlessly integrated into any design flow without compelling designers to modify their existing design methodology.
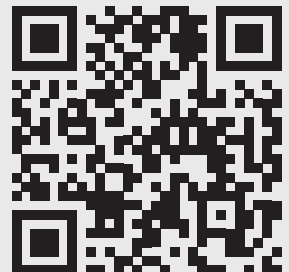

Cliosoft SOS Integrated With Cadence Virtuoso Platform

Cliosoft SOS Design Browser

▶ WATCH VIDEO

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CLIOSOFT SOS PLATFORM

Cliosoft SOS is a platform built for high performance, security, and robustness, primarily to meet the unique requirements of the semiconductor industry. It allows teams located at remote sites to seamlessly synchronize design changes with minimal impact on network bandwidth. By using links-to-smart cache and minimizing design repository sizes, Cliosoft SOS helps save valuable network storage.

Cliosoft SOS includes design management features such as revision control, project control, work area management, release and derivative management, and is integrated with several major issue tracking systems. Its flexible architecture allows it to be easily customized to meet specific customer requirements.

FEATURES

- Easy access to design management commands from the libarary manager or any Virtuoso editor
- Integrated with Cadence Virtuoso platform for auto check-out and check-in
- Feature-rich Cliosoft SOS design manager for advanced operations, enhanced status query, and visibility
- Design management operations by design hierarchy or category
- Workspaces with links-to-smart cache to optimize network storage
- Meta-data caching for enhanced remote site performance
- Offline mode support to minimize impact of network outages
- Flexible workspace models to facilitate different workflows
- Built for performance, scalability, and data security

SUPPORTED FLOWS & PLATFORMS

Supported Flows
Cadence Virtuoso 6.x, 12.x (OpenAccess) and above
Cadence Virtuoso 5.x (CDBA) and above

Supported Platforms
Linux RHEL 4.x and above, Cloud

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