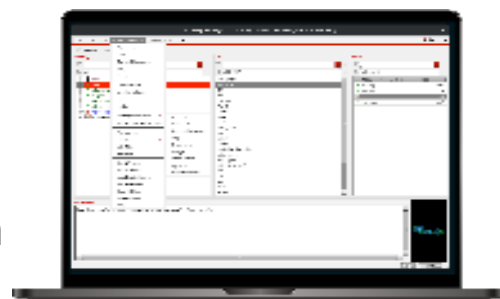


Keysight Design Data Management (SOS)

Improve design data management within the Cadence Virtuoso Studio



Speed

Experience a faster hardware development lifecycle in Cadence Virtuoso.

Scale

Leverage hardware design management that adjusts to your growing analog, mixed-signal, and RF design needs.

Collaboration

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

Design Data Management for Cadence Virtuoso Studio

Design Data Management (SOS), a Keysight product, is the leading system-on-a-chip (SoC) design management platform for analog and mixed-signal design teams using Cadence Virtuoso Studio. The platform, which runs on Keysight Design Data Management (SOS), enables analog designers to build and collaborate with local or remote team members from concept to GDSII.

Design Data Management for Cadence Virtuoso Studio improves analog design productivity with an intuitive interface that operates directly within the Cadence Virtuoso platform. This enables designers to perform version control and manage their schematics, layouts, and other views.

The platform offers a flexible workflow model, which enables both small and large teams to use it for design management. Design Data Management for Cadence Virtuoso Studio seamlessly integrates into any design flow without requiring designers to modify their existing design methodology.

Keysight Design Data Management (SOS)

Keysight Design Data Management (SOS) allows remote teams to seamlessly synchronize design changes with minimal impact on network bandwidth. Keysight Design Data Management (SOS) helps save valuable network storage by using smart caching and minimizing design repository sizes.

Keysight Design Data Management (SOS) includes design management features such as version control, project control, work area management, and release and derivative management. It integrates with several major issue tracking systems and has a flexible architecture for meeting specific customer requirements.

Features

- Access design management commands from the library manager or any Virtuoso editor.
- Integrate with the Cadence Virtuoso platform for auto checkin and checkout.
- Use the feature-rich Keysight Design Data Management (SOS) design manager for advanced operations, enhanced status query, and better visibility.
- Organize design management operations by design hierarchy or category.
- Optimize network storage with smart caching in workspaces.
- Enhance remote site performance with meta-data caching.
- Minimize the impact of network outages with offline mode support.
- Facilitate different workflows with flexible workspace models.
- Built for performance, scalability, and data security.

Supported Flows and 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

We have been extremely satisfied and delighted with the SOS Software for Configuration Management from Keysight. It enabled the design teams to improve collaboration in designing analog, digital, and mixed-signal chips with confidence and efficiency without compromising performance.

Infineon

Keysight enables innovators to push the boundaries of engineering by quickly solving design, emulation, and test challenges to create the best product experiences. Start your innovation journey at www.keysight.com.



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