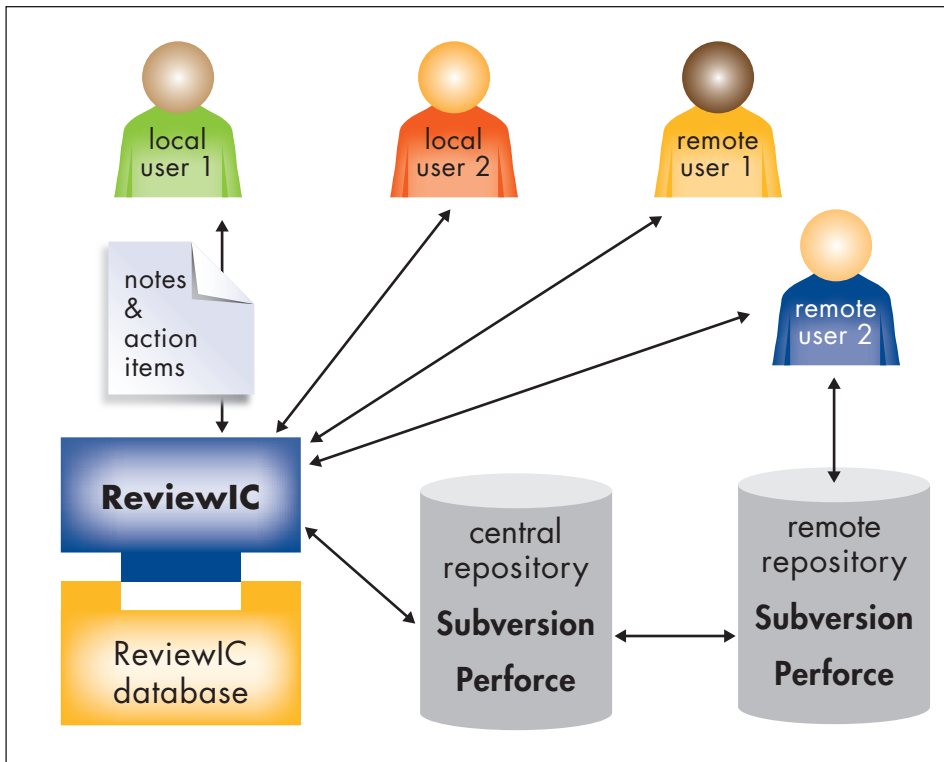


DM-Driven Design Reviews for Global Collaboration



Today's global design teams face numerous challenges to effective collaboration. Time differences, language barriers and cultural differences all contribute to inefficient communication between designers and reduce overall effectiveness. Even for single-site teams, collaboration often depends on email/voice and issues can be misunderstood or dropped altogether.

ReviewIC is the first DM-Driven, IC design Review platform, seamlessly integrated into your design environment and design data management (DM) database.

ReviewIC provides an intuitive communication platform where comments, designer intent, action items and general discussions are associated with groups of cellview objects. Design window apertures, layer settings and other contextual information are stored as part of the review in a persistent, lightweight database. Updates are reflected real-time in active ReviewIC sessions ensuring participants at any design location have the most current data.

Once issues have been identified fixes are correlated with outstanding action items to ensure closure. Review owners can confirm the validity of the changes using visual diff tools from MergelC.

Peer Design Reviews

Enable offline design reviews among global design teams. Allow corporate experts from across the globe to participate in your design reviews offline in the global ReviewIC database

Schematic/Layout Incremental Reviews

Create remote schematic/layout reviews to facilitate incremental design convergence across different sites. Diff committed changes to ensure consistency.

Hierarchical Block Reviews

Allow designers to trace through hierarchy and make comments and action items. Sync your working copy to the relevant versions, hierarchically. Diff changes hierarchically. Follow parent/child dependencies through the review

Simulation Reviews

Version your simulation scripts and results files with the relevant versions of your design data. Manage your Verilog, Schematics, layout, Ocean scripts, Simulation States with your results files in an easily accessible, versioned review archive. Enable easy reproduction of simulations.

Code Reviews

Include your Verilog code reviews as part of the overall design review, managed by industry standard software configuration management (SCM) tools.

Use Industry SCM tools for Best-in-Class DM

All design files managed in industry-standard SCMs such as Perforce and Subversion with others in development.