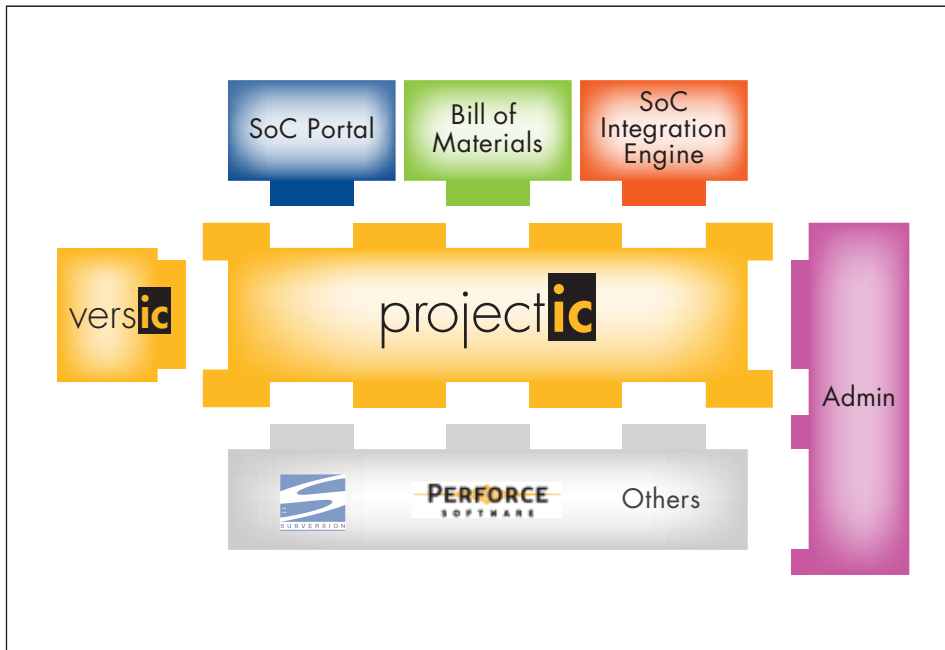


SoC Realization with ProjectIC



Collect project and IP activity across the enterprise

Collect and track IP usage, project activity and server performance. Roll this up in ProjectIC reports or feed into your PLM system. Measure IP reuse across the enterprise.

Interfaces to leading configuration management tools

Native Support for Perforce, Subversion, ClearCase and Git configuration management systems means you can assemble SoC's from disparate IP sources.

Harvest IP metadata as part of the design process

Measure power, speed, critical timing paths and other important metadata during the design process and record these in the ProjectIC SQL database. Report **IP Quality** for individual components or across the entire SoC.

Continuous Build integration for managing IP verification and releases

Monitor and report Hudson (Jenkins) continuous builds in ProjectIC dashboards to manage IP verification and promotion.

BuildIC SoC Integration Engine

BuildIC assembles SoC workspaces and manages remote design center data caching in a multi-threaded, parallelised architecture.

Defect Management

Manage defects across the SoC or by individual IP. Native integrations include Jira, Trac, Bugzilla and Teamforge with a choice of graphical or command line interfaces.

Project Templates and Constructor Rules

Control how your projects are organized, setup user workspaces, proxies and DM repositories using constructor rules, defined as part of a project template.

Project communication leveraging the latest web-technologies

Wiki's, RSS Feeds, discussion forums, dashboards, messaging widget and others are tightly integrated to the SoC Portal connecting IP owners/consumers and project managers.

Published API's for Easy Integration of Existing Corporate IP Catalogs

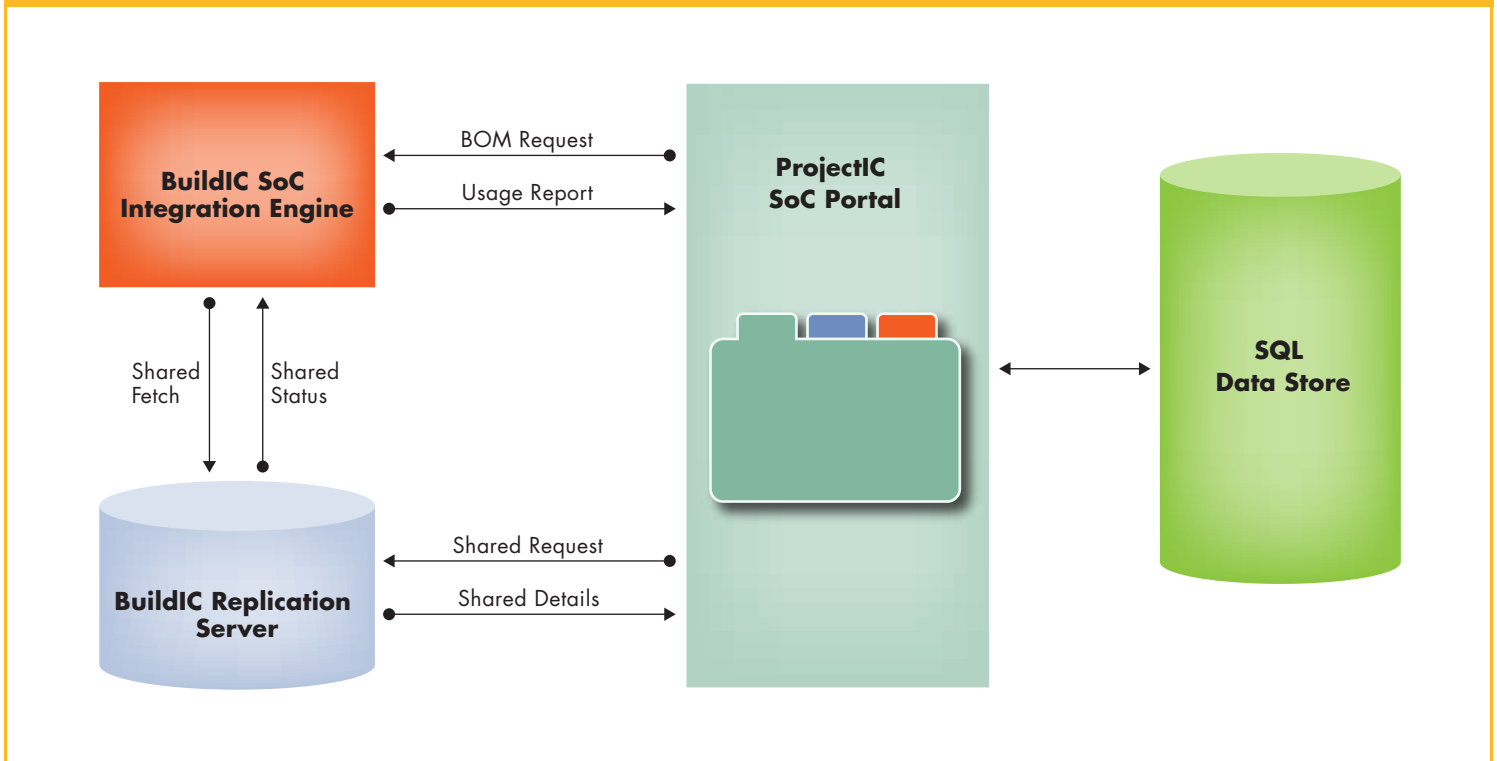
Import or reference your existing proprietary corporate databases and data warehouses through

ProjectIC is the first integrated platform for **managing SoC realization**. Project activity is **centrally managed** and project IP workspaces **delivered** to remote design sites. Component IP usage is **tracked** across the enterprise by project/user facilitating **IP audits** and **IP reuse** study. Communications between IP owners and consumers are formalized for easy defect tracking and project management.

BuildIC SoC Integration Engine and Replication Server

- Uses a project Bill of Materials (BOM) for workspace creation creating consistent repeatable work areas for all users.
- Project data can be sourced from multiple repositories with different DM systems (Perforce, Subversion, ClearCase and Git supported today)
- Simplified DM release process allows designers to branch/tag/label IP's without detailed knowledge of the DM infrastructure or repository organization
- BOM comparisons, BOM derivation from the current workspace state and other sophisticated workspace management
- BuildIC replication server manages data caches at remote design sites, reducing the amount of data transfer
- Substantially improved delivery speed for read only blocks
- Reduced disk requirements (anywhere from 10 to 100x depending on number of blocks, workspaces and users)

ProjectIC SoC Management Platform - Client/Server Architecture



ProjectIC with Replication Server and IP Catalog

In this mode ProjectIC communicates with the Replication server to centralize block fetching and the SoC Portal to read BOMs and track usage.

- BOMs are stored in the central SoC Portal, backed by an SQL database and available across the enterprise.
- The SoC Portal includes a complete IP Catalog of all IP, BOMs and Projects.
- Comprehensive data collection capabilities including:
 - All IP usage by project, user, BOM and site
 - All Project activity
 - Shared replication activity including performance statistics.
 - IP Audits
 - IP Metadata collection as part of third party tools design activity
- Centralized permission management for both Unix workspaces and DM repositories
- Sophisticated IP Catalog functionality including:
 - IP creation and documentation
 - Project and BOM creation/management
 - Reports for activity/usage of IP and BOMs across the entire company
 - Hierarchical permissions and access management.
 - Wiki's, tasks, discussion forums, blogs, notifications and more.