

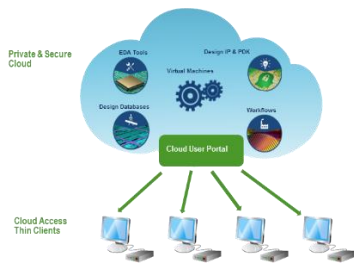


A Modern Cloud-Base IC-Design Platform with Smart AI-Driven Workflow Management and Scalable system Capabilities

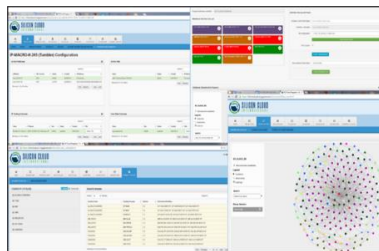
Silicon Cloud created a smart and modern cloud-base IC-Design platform which provides and improves the following critical IC-design process and workflow requirements:

1. Uses an integrated **cloud-base design platform** which greatly automates and reduce the design environment complexity. All the design elements (Hi-Performance Design Virtual Machines, EDA tools, IP's, foundry-technology-PDK's) are resided and integrated in one single cloud environment for efficient data access and management.
2. A built-in AI-driven **“Dynamic Design Workflow Management Builder and Executor Graph”** to integrate all the complex design workflow and data to simplifies and organize the design process for the designers. This greatly reduce the designer’s role to manage the design workflow and reduce potential human errors.
3. Use the open-source **“Kubernetes Container Management System”** which provides a flexible, scalable and reliable system capabilities for expandable system workload readiness. The system is also hardware hardware-agnostic and portable for easy system deployments.
4. Use a secure **“Role-Base-Access-Control (RBAC)”** security manager to manage and track all the design data and IP's access within the platform for ultra-secure data protection
5. A built-in **secure multi-organizational design virtual collaborative environment** to facilitate large-scale design projects with multi-organizational design teams.

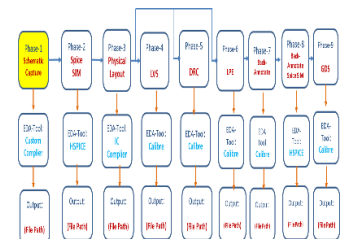
Cloud-Base Platform



AI-Driven Workflow Manager



Dynamic Design Workflow Builder



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