

InterVision Cloud Solutions for EDA

Accelerate Innovation



Why InterVision for EDA?

25+ **Years**

of experience in the EDA/
semiconductor industry

25+ **EDA Customers**

trust their infrastructure to us

50+ **AWS Certifications**

trust their infrastructure to us

Electronic Design Automation (EDA) requires substantial investment in compute and storage resources at different times throughout the design, simulation, and verification process.

Without access to appropriate resources at the right time, innovation is hindered and time to market is significantly reduced. If resource planning and scheduling are not done with 100% fidelity, organizations run a substantial risk of over buying, and resources sit idle the majority of the time. With more than 25 years of experience helping customers in the semiconductor industry, InterVision's team of managed service experts can help you achieve your vision faster.



Scale Quickly

Access the required compute resources exactly when they are needed, in a scalable and secure environment, at a significantly reduced cost compared to on-premises technology.



Reduce Overhead

Our managed services allow your team to focus on your core competencies while we take care of the environment and operations.



Protect Your IP

Our proven solution assures your environment and designs are secure, giving you the confidence that your engineers can design anywhere and be protected.

InterVision Cloud Solutions for EDA

Front & Back-End Design

- Design verification
- Synthesis
- Physical Layout
- Physical Verification
- Signal Analysis
- Tape-out -0 GDSII Transfer
- Silicon Validation
- License & Administration Management

Infrastructure Services

- Converged IP Networks for Hybrid clients
- Scale Out Storage from on-prem to cloud
- End-to-end Security: GRC to MSSP
- Resiliency Services
- EDA Strategy Consulting
- AI/ML Data Science for Scheduler Optimization and license cost reduction
- Staff Augmentation

Objectives

- HPC Compute Grid optimization
- Scratch Space build-up and tear-down
- Low-latency Architectures
- Virtual Workspaces for EDA Engineers
- CI/CD for Encode, Transcode, Build, and Render Workflows
- Disaster Recovery for Assets and Workflows
- Data-driven Insights and Recommendation Engines
- Cost Management and Optimization
- Scalable Cloud Capacity to accommodate usage spikes and bursting

Accelerate Your Innovation with Our IP



Design Hub

Creates a secure EDA environment that relieves the burden of management.

- Automatically configures and optimizes the environment for semiconductor design.
- Automates the license server standup process.
- Can deploy commercial or open source schedulers,
- Can be configured as a hybrid or cloud-only model.

Data Hubs

Tracks resource and job scheduler utilization unique to EDA.

- Percentile distribution of jobs being delayed and terminations with drill downs.
- Resource consumption (CPU, memory, and software licenses) over time at the cluster, queue, or server level with hourly, daily, or monthly granularity.
- Resource utilization based on specific time intervals.
- Resources wasted due to larger than necessary reservations.
- User-selectable time ranges to analyze trends.
- Filter on queue name, user, job delay reason, job failure reason, and more.



We've Got You Covered

We'll monitor, manage, and protect your vital systems so you can focus on bringing great designs to market.

Managed Resiliency Services

Preventative and restorative service (Disaster Recovery as a Service and Backup as a Service) with recovery assurance

Managed Server and Storage Services

Monitoring, alerting, incident management, change management, and patching

Managed Unified Collaboration Services

Unified Collaboration as a Service, cloud calling, Cisco Unified Communications Manager, and contact center

Help desk

End-user support, laptop imaging and deployment, mobile device management, and 0365 maintenance

Managed Security Services

Managed firewall, MDR, EDR, XDR, access control, Vulnerability Scanning, Pen Testing, and vCISO

Managed Cloud Services

AWS, Azure, InterVision hosting, including private cloud, dedicated compute, and dedicated storage

Managed Network Services

Managed SD-WAN, Secure Service Edge, and Next Generation WiFi

Managed Carrier Services

SIP services, internet, fiber, and broadband

