



IDCS – Automation and real-time configuration services

Streamline your data center operations and tackle complicated deployments seamlessly.



Manual setup is delaying your time-to-value

Modern data center deployments are inherently complex, but outdated, sequential setup methods make things worse. Deploying racks and devices one at a time slows down infrastructure readiness and introduces bottlenecks that delay go-live timelines.

By partnering with SHI's automation and real-time configuration (ARC) services as a part of our integrated data center solutions (IDCS), organizations can:

- accelerate infrastructure readiness with a parallel deployment model.
- eliminate manual errors with fully automated deployment.
- reduce operational overhead from streamlining complex setup processes.

Automated, error-free deployments, at scale



Precision hardware configuration:

Install specific firmware, basic input/output system (BIOS), and component settings tailored to your exact requirements.



Custom burn-in and stress testing:

Simulate real-world workloads and customize stress tests to validate system stability before deployment.



OS and hypervisor readiness:

Pre-install and configure operating systems and hypervisors to streamline integration into your environment.

From rack to ready – SHI's ARC services simplify complex deployments

SHI's IDCS ARC platform delivers fully automated, secure, and scalable data center deployments – custom-configured across hardware, software, and networking requirements. Backed by a world-class engineering team with extensive certifications and partnerships across leading equipment vendors, ARC services deliver precision and performance at every step of the deployment process.

Unlock speed, security, and precision with SHI's ARC platform

Informed and built on decades of expertise in data center infrastructure, SHI's ARC platform is a multi-threaded, custom, in-house proprietary deployment platform operating on an isolated network to maximize efficiency and security. The ARC platform is agile and was designed to adapt to any OEM.



High-speed parallel processing

Multi-threading enables simultaneous execution of deployment tasks across multiple devices and racks, dramatically reducing setup time and improving time-to-value.



Enhanced security

Operating on an isolated network, our platform ensures deployments are shielded from external threats, reducing the risk of unauthorized access during configuration and data breaches.



Built for precision and customization

Our proprietary and in-house platform is purpose-built for SHI's deployment workflows, allowing for deep customization and tight vendor integration.



Scalable infrastructure automation

Our platform can handle large-scale deployments efficiently, making it ideal for organizations expanding or refreshing data center environments.



Real-time monitoring and logging

Multi-threaded architecture supports real-time status updates and comprehensive logging, giving teams complete visibility into each deployment stage.



Optimized resource utilization

Tasks are distributed intelligently across threads, maximizing technical teams' efficiency during deployment cycles.

Experience SHI's ARC platform — engineered to simplify complex deployments. Reach out to your sales rep or contact us at IDCS_Presales@shi.com.