Data center and cloud
Next-generation data centers that power cloud excellence

Embrace a future where your data works for you. Fueled by SHI's expertly crafted, cutting-edge cloud strategies, our solutions are tailored to fit your business needs.

Get future-ready solutions today

In an era where agility and scalability are paramount, our data center and cloud solutions redefine the way businesses leverage technology. SHI offers a comprehensive suite of services designed to seamlessly bridge the gap between traditional data centers and innovative cloud infrastructures. Our solutions not only enhance operational efficiency but also ensure optimal performance and security, empowering your organization to navigate the complexities of digital transformation with ease.

Key components of cloud security

Comprehensive cloud security can't happen without the right components and strategies, ones that protect cloud-based systems, data, and infrastructure, such as:

- Data encryption.
- Identity and access management.
- Compliance management.
- Intrusion detection and prevention systems (IDPS).
- SIEM.
- Endpoint security.
- Vulnerability management.

A partnership to transform your business

As a hybrid cloud's IT footprint becomes more complex, it can be exposed to more vulnerabilities such as zero-day exploits, lateral movement vulnerabilities, and weaknesses in container components. At SHI, our data center and cloud security solutions help ensure consistent cybersecurity across on-premises, cloud, and hybrid infrastructures and protect applications and data wherever they live.

You'll get access to a broad portfolio of products and services, incorporating everything from hybrid data centers to cloud infrastructure.

NGFW/IPS/Proxy
Connect and share data, workloads, and apps across physical data centers and multicloud environments.

- Hyper-converged infrastructure (HCI)
- Data center integration
- Storage and data protection

Cloud access security broker
Securely extend your on-premises and public clouds to transform your IT infrastructure.

- Cloud adoption and engineering
- Cloud operations and managed services
- Multicloud

NAC/RAC
Enable fast, secure, and robust connectivity from your on-site and hybrid teams to your customers.

- Enterprise networking
- Advanced monitoring and observability
- Software-defined data center (SDDC) and networking
- Single sign-on

Hybrid cloud security

Ditch point solutions for an integrated suite, one that's full of solutions that work together to secure your cloud data, streamline management, and simplify collaboration.

- Faster proper security posture
- Security infrastructure cost savings via a common platform

Network security analytics

Gain actionable insights from your data center to the cloud and the edge, informing real-time decisions.

- Access management, authorization and authentication
- Federation/directory virtualization services
- Risk-based MFA
- Single sign-on

Solution benefits

SHI's data center and cloud solutions will:

- Ensure consistent cybersecurity across on-premises, cloud, and hybrid infrastructures.
- Protect applications and data in the cloud.
- Evaluate current capabilities and provide an actionable roadmap.
- Help your organization comply with regulatory requirements and industry best practices.

Stay ahead of what's next

Modernizing data center and cloud isn't one-size-fits-all. Whether you have well-defined plans or are still exploring areas of focus, our experts will help you determine your roadmap to change. By working alongside your teams, we can fully understand your IT environment and infrastructure, assess your pain points, and implement solutions to your data center and cloud needs.

With this approach, SHI helps build alignment across your technology, people, and processes, allowing you to make great strides toward modernization. You can expect quick wins, a long-term strategy, and reduced downtime risks, giving you peace of mind and taking the added load off your IT teams.

Why SHI

SHI is a top three partner across leading public cloud hyperscalers, hosted data center providers, on-premises infrastructure vendors, and observability, automation, and security providers. We have hundreds of certified experts delivering end-to-end services that enable you to run virtually any workload in the cloud, on-premises, or at the edge.

Let's talk about how SHI next-generation infrastructure experts can help turn your ideas into outcomes.

Learn more: https://www.shi.com/solutions/next-generation-infrastructure