SHI

Next-Generation Infrastructure

Agility, scale, and resilience for what's next

IT infrastructure modernization doesn't mean moving your on-premises legacy infrastructure to a single public cloud environment. Instead, it's about using next-generation infrastructure products and services to accelerate your technology transformation, adapt to changing market conditions, and support your sustainability goals.

Modernize with next-generation infrastructure

Start with small changes, working iteratively to achieve quick, measurable outcomes across your people, processes, and technology. This approach helps you scale fast and realize the value in days and weeks, not months or years.

However, knowing which applications and infrastructure to modernize can be complex. The answer can vary depending on your organizational structure, IT environments, and business objectives. Consequently, your next-generation infrastructure strategy must be uniquely designed to meet both your current and future needs.

Determine your drivers for change

Evolving your existing IT applications to next-generation infrastructure requires a clear understanding of your business, technology, and architectural requirements, such as:

- Reducing upfront capital expenditure and lowering ongoing costs.
- Enhancing scalability, elasticity, and sustainability.
- Gaining a development advantage for fast time to market.
- Ensuring security and compliance.
- Improving customer experiences.

Next-generation infrastructure solutions to transform your business

Investing in next-generation infrastructure is vital for meeting the needs of your customers and your organization. No matter where you are in your journey, partnering with SHI makes it easier for you to realize your infrastructure modernization ambitions so that your business is ready to tackle the challenges of a rapidly changing digital world.

Our next-generation infrastructure solutions span a broad portfolio of products and services, incorporating everything from hybrid data centers and networking to data management and cloud infrastructure.

Hybrid data center

Connect and share data, workloads, and apps across physical data centers and multi-cloud environments.

- Hyper-Converged Infrastructure (HCI)
- Data center integration
- Storage and data protection

Networking

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

Data management

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

- Data strategy
- Data management and analytics
- Data governance

Cloud infrastructure

Securely extend your on-premises and public clouds to transform your IT infrastructure.

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

Next Generation Infrastructure

Solution benefits

SHI's next-generation infrastructure solutions will:

- Reduce capital expenditure and lower the cost of doing business.
- Optimize technology spending and gain economies of scale for variable and stable workloads.
- Improve infrastructure scalability, elasticity, and sustainability.
- Increase speed and agility.
- Keep your organization, users, and data safe.

SHI expertise and accolades

Our expert credentials and industry recognition:

- 1000+ certifications across Amazon Web Services, Microsoft, and Google Cloud Platform.
- 2021 Microsoft Partner of the Year - Surface
- 2021 Cisco Global Commercial & Small Business Partner of the Year
- 2021 Dell Partner of the Year

Stay ahead of what's next

Modernizing with next-generation infrastructure isn't one-size-fits-all. Whether you have well-defined plans or are still exploring areas of focus, our experts will help you define your roadmap to change. We work alongside your teams to fully understand your IT environment and infrastructure. We assess your pain points and challenges to grasp where we need to go to accelerate your next-generation infrastructure journey.

In this way, 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.

How we've helped businesses modernize their infrastructures

Hospitality:
A premier U.S. mountain resort

- Built data center infrastructure using Azure public cloud over multiple environments.
- Seamlessly launched applications, reducing provisioning time for underlying infrastructures.
- Managed lifecycle of cloud infrastructure as code.

Research:
A U.K.-based healthcare research firm

- Built physical network infrastructure in its own environment.
- Deployed and installed new data center and network infrastructure.
- Rolled out wireless and voice elements after completion of the LAN deployment.

Life sciences:
A global solutions provider

- Seamlessly migrated to VMware Cloud on AWS.
- Eliminated the need to refactor applications.
- Leveraged existing VMware skillset.

Government:
A local state county

- Completed data center overhaul to improve performance.
- Expanded storage capacity for better agility and reliability.
- Upgraded wireless network to help with phone system.

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