

SOLUTION BRIEF

# NAVICLOUD® CLOUD SERVICES FOR HIGHER EDUCATION



## Affordable, Scalable IaaS for Education

NaviCloud® Cloud Services, the Navisite® Infrastructure-as-a-Service (IaaS) solution, can help enable higher education organizations to increase agility, expedite the development and delivery of new services and mitigate total cost of ownership (TCO).

The solution's resource-based billing model works to ensure institutions pay only for the resources they use, such as virtualized servers, storage, memory and bandwidth.

Whether starting bachelors' degrees later in life, returning for post-graduate degrees or simply seeking more flexible learning models, students are increasingly demanding access to online education and hybrid online/classroom-based curriculums. Even for more traditional campus students, the new expectation is 24/7 availability of online learning resources.

Offering enhanced IT resources can be difficult for many higher education institutions to reconcile against delivering a quality education at a competitive cost per credit hour. Research and teaching are the primary objectives, leaving many organizations without the budget or expertise to deploy the infrastructure necessary to power the learning environments expected today.

Higher education institutions need a way to meet demands for increased innovation, while remaining in line with industry best practices and guaranteeing infrastructure security and dependability.

### Striking A Balance Between Market Demand and Budget

Investing in new hardware and software can be an up-front capital expenditure (CapEx) that many higher education institutions cannot easily absorb. Hiring and training new IT staff can further strain tight budgets. Even simply finding a facility that supports security and business continuity may prove challenging.

Ultimately, building an infrastructure capable of meeting peak demands means some resources will likely go unused during slower periods. Conversely, potentially overloading systems, during enrolment periods and finals for example, can lead to delays and outages. When institutions cannot scale up efficiently, these disruptions can be recurring and costly to remedy.

### A Flexible, Pay-as-you-Go Approach to IT Infrastructure

NaviCloud Cloud Services, Navisite's Infrastructure-as-a-Service (IaaS) solution, enables higher education institutions to

provision scalable, usage-billed infrastructure services from virtualized resource pools.

The solution is available through a self-service portal, or administered by Navisite's experts. Both models help address the education industry's need for security, agility and performance by providing access to virtualized servers, storage, memory and bandwidth.

### A Closer Look at Virtual Private Clouds

NaviCloud Cloud Services can also be implemented as virtual private cloud services. Virtual private clouds can allow a higher education institution to have a physically distinct, dedicated computing environment within one of Navisite's secure, enterprise-class data centers.

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### Guaranteed Service Levels and Commitment to Resiliency

NaviCloud Cloud Services provide 24x7 monitoring and support along with service level guarantees covering performance, availability, and response and resolution.

Considering NaviCloud Cloud Services span multiple, enterprise-class data centers, a base level of disaster recovery preparedness is built-in to all solutions

### Key Service Benefits

NaviCloud Cloud Services are designed to enable higher education institutions to:

- **Manage Growth and Uncertainty** - Adapt faster to fluid IT requirements, such as seasonal enrollment, variable student activity and app development and testing.
- **Mitigate Application Management Costs** - Relocate back-office apps to the Cloud, to augment performance, resilience and reliability of compute resources.
- **Simplify IT Operations** - Gain the benefits of a robust infrastructure without the risk and complexity of in-house data centers.
- **Maximize Resource Utilization** - Virtualized resources help prevent paying for idle hardware and software.
- **Promote Rapid Deployments** - IaaS works to eliminate long in-house development cycles, allowing institutions to move more quickly from staging to production.

### Migrating LEGACY Applications

NaviCloud Self-Service Cloud clients can elect to have one or more Virtual Data Center (vDC). Each vDC contains Virtual Applications (vApps), which contain virtual machines (VMs) and networks. This construct helps institutions:

- Migrate apps to the Cloud one at a time, eliminating pressure to migrate entire data centers at once.
- Free up space in private clouds for sensitive workloads by migrating VMs to Navisite's public cloud.
- Realize the benefits of a hybrid physical/virtual infrastructure.

### Cloud Onboarding and Migration

To better enable clients to migrate their legacy environments to NaviCloud Self-Service Cloud with ease, Navisite offers

multiple cloud onboarding resources and services, ranging from Self-Service Onboarding to fully Managed Cloud Migration.

### Why Work with Navisite®?

Navisite's team of highly experienced IT professionals is passionate about your organization and dedicated to your success. By partnering with you to understand your goals, Navisite can deliver customized IT solutions tailored to your current requirements and in support of your future growth objectives. Our philosophy and commitment to service is deeply rooted in the breadth of expertise we bring to every relationship.

### About Navisite

Navisite, Inc., a part of Spectrum Enterprise, is a leading international provider of enterprise-class, cloud-enabled hosting, managed applications and services. Navisite provides a full suite of reliable and scalable managed services, including Application, Cloud Desktop, Cloud Infrastructure and Hosting services for organizations looking to outsource IT infrastructures to help lower their capital and operational costs. Enterprise customers depend on Navisite for customized solutions, delivered through an international footprint of state-of-the-art data centers. For more information about Navisite's services, please visit [navisite.com](http://navisite.com) or [navisite.co.uk](http://navisite.co.uk).

### Contact Navisite

For more on the full range of Navisite services, please visit [navisite.com](http://navisite.com) or email us at [webinfo@navisite.com](mailto:webinfo@navisite.com).