



NewGlobe Transforms Learning with Support from CoreStack

Facing rising costs, inefficiencies, and compliance concerns, this e-learning innovator found a new way to govern critical cloud resources.

The founders of NewGlobe Education know that education can unlock enormous potential, empowering entire populations to drive development, security, and economic growth. To that end, NewGlobe offers powerful technology-enabled education systems to national and state governments that are committed to transforming the educational experience.

For NewGlobe, education is a science. The company has developed the technology to gather and apply data-driven learning improvements across every aspect of the education system. In fact, the platform processes more than one billion data points each year. The results have been dramatic: NewGlobe's solutions have doubled the rate of learning in numeracy, boosted literacy rates from 25% to 70%, and increased public school enrollments by 17%.

At a Glance

Challenges

- Manual provisioning and day-to-day cloud management
- Time-consuming compliance audits
- Little visibility into rising cloud costs and increasing complexity

CoreStack Solution

- NewGlobe implemented three integrated modules of the CoreStack platform - FinOps, SecOps, and CloudOps

Results

- Thousands of dollars saved per month by running 97% of EC2 instances as reserved
- 90% reduction in cloud provisioning and management time
- Streamlined tagging strategy for more proactive governance

Global Growing Pains

A global e-learning platform like NewGlobe's has to scale and be extremely agile, requiring a robust cloud-based infrastructure. All school leaders and teachers are equipped with a specially designed tablet that runs a proprietary suite of learning management applications connected to NewGlobe services in the cloud.

As the business grew, however, the infrastructure became more complex, more costly, and more vulnerable, says Lalit Shah, Director of IT at NewGlobe Education. Cloud provisioning and day-to-day management were done manually, compliance audits were time-consuming, and costs were not well-controlled. That's when NewGlobe discovered CoreStack NextGen Cloud Governance.

The CoreStack Solution

To address rising concerns around cost management, operational efficiency, and security and compliance, NewGlobe implemented all three integrated modules of the CoreStack platform - FinOps, SecOps, and CloudOps. FinOps was deployed first to more efficiently manage NewGlobe's multi-cloud resources and to optimize costs. CoreStack's CloudOps solution was deployed to more efficiently govern cloud operations and boost productivity. Finally, NewGlobe leveraged CoreStack's powerful SecOps solution to proactively govern security operations autonomously.

Results You Can Measure

The benefits of the CoreStack platform were measurable and immediate. NewGlobe is now able to run 97% of their Amazon EC2 instance hours as reserved, leaving only 3% running on-demand. This approach has saved the company thousands of dollars every month. CoreStack's asset visibility and optimization features were also crucial to NewGlobe's success, enabling them to visualize resource consumption and identify optimization opportunities by region and product. And with the ability to identify untagged or mis-tagged assets, NewGlobe can govern resources more proactively.

"We're very impressed with CoreStack's FinOps capability, in particular the deep analytics and impressive reporting," says Shah. "This truly adds great value to NewGlobe."

NewGlobe also now has the ability to detect non-compliant behavior. In one situation, CoreStack detected that a new VM was being set up in a new region, identified it as a typical behavior, and shut the VM down. CoreStack's cost history report also helps pinpoint anomalies and drive accountability, showing consolidated costs across the entire infrastructure and across lines of business.

CoreStack has also enabled automated provisioning, reducing up to 90% of NewGlobe's effort compared to manual provisioning. CoreStack automates numerous operational tasks to optimize the environment – for example, automated workflows are set up to delete unused EBS volumes. Through the CoreStack dashboard, NewGlobe can easily see all Windows and Linux servers in the cloud alongside their pending patches. CoreStack has also reduced the need for compliance questionnaires, enabling NewGlobe to comply with regulatory standards continuously.

A True Partnership

As time goes on, the relationship between NewGlobe and CoreStack has continued to flourish. “Over the years, we’ve seen our relationship with CoreStack evolve beyond technical solutions to become a true partnership for delivering customer impact,” says Shah. For NewGlobe, “customer impact” means providing access to better educational opportunities around the globe. It’s a partnership CoreStack is proud to be part of.

To learn more about CoreStack or to schedule a demo, visit www.corestack.io or contact us at contact@corestack.io.

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-Lalit Shah, Director of IT, NewGlobe Education



✉ contact@corestack.io

🌐 www.corestack.io



CoreStack is an AI-powered NextGen Cloud Governance platform that enables enterprises to embrace cloud with confidence, rapidly achieving continuous and autonomous cloud governance at scale. CoreStack helps 750+ global enterprises govern more than \$2B in annual cloud consumption. The company is a Microsoft Azure (Legacy) Gold Partner, Amazon AWS Technology Partner with Cloud Operations Competency, Oracle Cloud Build Partner, and Google Cloud Build Partner.

