EDLOGICS IMPROVES HEALTH LITERACY WITH RED HAT CLOUD SOLUTION

SOFTWARE AND SERVICES

Red Hat® OpenShift Container Platform

Red Hat JBoss® Middleware

Ansible by Red Hat

PARTNER

Vizuri

EdLogics, a health education-based consumer engagement company and innovator in game-based learning, provides an Education-as-a-Service (EaaS) platform that makes learning fun and engaging, measures comprehension, improves health literacy, and empowers consumers to take greater responsibility for managing their health. After proving the viability of its application and business model using public cloud services, EdLogics migrated to a Health Insurance Portability and Accountability Act (HIPAA)-compliant and Federal Risk and Authorization Management Program (FedRAMP)-certified infrastructure running in a private cloud. This solution, based on Red Hat OpenShift Container Platform, Ansible by Red Hat, and Red Hat JBoss Middleware, provides the scalability, reliability, and automation EdLogics needs to support rapid business growth and onboard new customers quickly.

Virginia Beach, VA

HEADQUARTERS

I.T. SERVICES, HEALTHCARE

FEWER THAN 50 EMPLOYEES

BENEFITS

- Increased scalability and reliability to support business growth

- Accelerated sales cycle and time to market by supporting and automating DevOps processes

- Reduced cloud infrastructure, compliance, and staffing costs for anticipated savings of US$700,000

"*We've invested in the technology and infrastructure necessary to support our long-term business objectives, and we have partnered with Red Hat and Vizuri to make that happen.*"

THOMAS M. CHAMBERLAIN
PharmD FOUNDER AND CHIEF EXECUTIVE OFFICER, EDLOGICS

SUPPORTING HEALTHCARE WITH INNOVATIVE SERVICES

EdLogics provides innovative health education and learning management solutions to employers, health insurers, healthcare providers, and government agencies. Its healthcare education platform uses gamification tools – such as point scoring, competitions, and rewards – to measure comprehension, improve health literacy, and empower consumers to take greater responsibility for managing their health. By transforming the way consumers learn about health, EdLogics improves health outcomes and helps control rising healthcare costs.

"No one was delivering a personalized, fun, and engaging way to educate consumers and improve health outcomes," said Thomas M. Chamberlain, founder and chief executive officer of EdLogics. "So we set out to create an Education-as-a-Service platform and make it available in the cloud to the largest healthcare organizations and employers in the world."

The company's initial release of its game-based learning platform was hosted in a public cloud. It garnered significant interest and contracts from large employers, health plans, and brokers, but introduced new growth challenges. To expand the proven concept, EdLogics sought to build an application infrastructure that would provide:

- Faster time to market.
- Greater cost-efficiency and reliability through a multitenant, dedicated cloud.
- Scalability to support rapid growth.
- Compliance with key regulations, such as HIPAA and FedRamp.
- Business continuity through resiliency and failover capabilities.
- Tools and automation to support a DevOps approach to software development and delivery.

MIGRATING TO A DEDICATED, CONTAINERIZED CLOUD INFRASTRUCTURE

EdLogics sought to partner with a company that would provide proven expertise to validate its business strategy and help design, develop, and deploy a modern application infrastructure. The company turned to Vizuri, an IT consulting firm with expertise in modern software architectures, tools, and processes, to help build this infrastructure. Vizuri, a Red Hat Premier Partner, recommended Red Hat OpenShift Container Platform to provide the portability, scalability, and resiliency the company needed for its cloud infrastructure.

"We knew that we needed to containerize our infrastructure, and that naturally led us to Red Hat," said Michael J. Groh, chief operating officer at EdLogics. "Our engineers have years of open source and Red Hat experience, so we were very comfortable with choosing Red Hat technologies to power our new infrastructure."

To address the need for regulatory compliance, Vizuri recommended standardizing security and gaining continuous monitoring of cloud products and services with a fully managed cloud offering environment running on Red Hat OpenShift Container Platform. This environment provides cost-effective compliance with FedRamp, HIPAA, and the Payment Card Industry Data Security Standard (PCI DSS).

> "With Red Hat OpenShift Container Platform running in a secure, managed cloud environment, we've gained better density, greater efficiency, high availability, and the ability to integrate new services and technologies faster."
>
> RAY SHIVELY
> SENIOR DIRECTOR, TECHNOLOGY SERVICES, EDLOGICS

Red Hat OpenShift Container Platform takes advantage of Linux® containers to keep applications and their runtime components together by combining lightweight application isolation with image-based deployment. This method simplifies application deployment and accelerates delivery. Red Hat's container solution also offers support for DevOps practices, continuous integration/continuous delivery (CI/CD) processes, and release management.

In addition, EdLogics deployed Red Hat JBoss Middleware and Ansible by Red Hat to support integration, provisioning, configuration management, and deployment automation.

IMPROVING PERFORMANCE AND COSTS TO PREPARE FOR RAPID GROWTH

INCREASED SCALABILITY AND RELIABILITY

By moving from individual application instances for each client, hosted in a public cloud, to a multitenant, containerized, and dedicated private cloud, EdLogics has gained dynamic, automated scalability and agility, as well as improved reliability, to support its anticipated rapid growth in clients and users.

"With Red Hat OpenShift Container Platform running in a secure, managed cloud environment, we've gained better density, greater efficiency, high availability, and the ability to more rapidly integrate new technologies," says Ray Shively, senior director of technology services at EdLogics.

FASTER DEVELOPMENT AND ACCELERATED SALES CYCLE

The new infrastructure has helped EdLogics improve development and deployment efficiency by supporting automation and other DevOps processes, such as CI/CD.

"We're working with Vizuri to automate processes, improve developer capabilities, and accelerate time to market using Red Hat OpenShift Container Platform and Ansible by Red Hat," said Shively. "By creating repeatable processes, we can improve build consistency."

The new infrastructure helps EdLogics convert prospects to clients and onboard them much faster.

"The investments we have made in our architecture, deployment processes, and compliance initiatives provides our customers with confidence that the EdLogics Education-as-a-Service platform will deliver the scalability, security, and compliance they require and accelerate the sales and contracting process," said Chamberlain.

REDUCED INFRASTRUCTURE AND BUSINESS COSTS

The new infrastructure offers more cost-effective use of computing resources and infrastructure maintenance and management. As a result, EdLogics anticipates cost savings of more than US$700,000 compared to using public cloud services.

"A managed cloud solution helps us save money by not taking on compliance and infrastructure management in-house," says Groh. "With our managed, compliant Red Hat environment, we can focus our energy and resources on building our application instead of managing the underlying infrastructure."

PLANNING FOR NEW OPPORTUNITIES

With a scalable, cost-effective, and secure infrastructure now in place, EdLogics has begun the next phase of its technology and business plan. The company is pursuing opportunities to integrate its platform with other systems using Red Hat JBoss Middleware. For example, Vizuri is helping EdLogics use JBoss Middleware to develop single sign-on (SSO) capabilities, as well as data sharing through application programming interfaces (APIs), to help partners easily integrate with its platform.

"Our ability to seamlessly integrate with our strategic partners' platforms and care management systems is a key requirement for delivering a powerful, compelling user experience and improving care coordination," said Chamberlain.
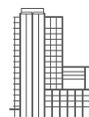
The company also seeks to continue expanding its customer base using its technology and infrastructure investment.

"While our first business segment focuses on the commercial and government healthcare industry, our platform is multifaceted and can accommodate any educational content, from benefits plans to workplace safety to financial health," said Chamberlain. "We've invested in support for rapid growth, and we're partnering with Red Hat and Vizuri to make that happen."

ABOUT EDLOGICS

EdLogics, a health education-based consumer engagement company and innovator in game-based learning, provides unique health education and learning management solutions to employers, health plans, healthcare providers, and government agencies. Through multimedia educational programs, interactive health games, innovative gamification strategies, leaderboards, and rewards for educational achievement, EdLogics is transforming the way consumers learn about health. The EdLogics Platform™ makes learning fun and engaging, measures learning comprehension, improves health literacy, and empowers consumers to take greater responsibility for managing their health. Visit edlogics.com or follow @EdLogics on Twitter.

ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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