ERPA

ASU
ALABAMA STATE UNIVERSITY

ERPA Solves Performance Issues with Cloud Modernization on AWS

With nearly 6,000 students, Alabama State University (ASU) is a diverse student-centered public HBCU committed to global excellence in teaching, research and service.

ASU faced performance issues and hardware limitations for its aging on premise infrastructure that hosted their PeopleSoft Campus Solutions, Human Capital Management (HCM), and Finance applications. ASU became increasingly concerned about the student user experience, stability of the platform, outages, and possible security vulnerabilities.

Leveraging the Power of AWS Cloud

ERPA partnered with the ASU team to understand the current issues, business requirements and future technology initiatives to re-architect the way in which the PeopleSoft applications were hosted. The result:

- Right-sized AWS EC2 instances configured for optimal availability and reliablity, leveraging AWS Well Architected best practices
- Scalability to accommodate Oracle workloads and peak usage periods like student registration
- Always available Oracle database and S3 and EBS storage solutions
- Extensive use of AWS native services such as CloudTrail, CloudWatch, GuardDuty, and AWS Web Application Firewall (WAF) for monitoring and security
- Streamlined application and infrastructure patching and maintenance with always up-to-date hardware
- Enhanced security and compliance posture to exceed internal, regulatory, and statutory requirements

The ERPA team successfully performed a lift-and-shift migration to the AWS cloud utilizing ActiveGenie™, our proprietary cloud orchestration tool. This stabilized the PeopleSoft applications and set the foundation for future upgrades. The ASU experienced immediate improvements in performance and application reliability.

We leverage our proprietary cloud orchestration tool, ActiveGenie™ to support ASU through a tailored Hosted Managed Services for PeopleSoft engagement. ERPA support includes incident management, AWS infrastructure management, PeopleSoft administration and management including PeopleTools upgrades and PUM updates, and database administration and management.

THE CHALLENGE

Performance issues and outages due to limitations from outdated hardware.

THE SOLUTION

A Well Architected high-availability AWS infrastructure tailored to stabilize PeopleSoft applications. Extensive use of AWS cloud native features and functionality, continually updated compute resources, and scalability.

THE OUTCOME

A successful *lift-and-shift* migration of stabilized applications to the cloud for increased reliability and security, optimized performance, increased operational efficiency, and more.

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ERPA was critical in helping ASU migrate our PeopleSoft systems to AWS. They worked with us as a partner in every aspect. Any issues encountered were resolved in a timely manner. We are currently satisfied with the way our systems are performing which means easy use for our employees and students.

Jackie DeLaine
Business Process & Reporting Analyst

aws partner network

Advanced Consulting Partner

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