FLORIDA STATE COLLEGE AT JACKSONVILLE
OPTIMIZES PERFORMANCE WITH AWS MIGRATION

With a student body surpassing 40,000 students, and four major campuses, Florida State College at Jacksonville (FSCJ) ranks as one of the top colleges and universities in Florida.

The Challenge. FSCJ was experiencing frequent outages and performance issues during peak usage periods such as student enrollment. The source of the problem being a private cloud provider with rigid infrastructure limitations that could not fully accommodate the usage demands for FSCJ's hosted PeopleSoft Campus Solutions, HCM, Finance, and Portal applications. This resulted in frustration and a diminished student user experience. This resulted in frustration and a diminished student user experience.

UNLEASHING A BETTER PEOPLESOFT

The Big Picture. ERPA's solution combines the endless benefits of the AWS cloud and our Hosted Managed Services for PeopleSoft – both of which are enhanced by ActiveGenie™, our cloud orchestration service. We'll talk about this in more detail later.

FSCJ gained major improvements in performance, reliability, scalability, and security, while optimizing operations, management, and maintenance. ERPA Hosted Managed Services are backed by an industry-leading Service Level Agreement (SLA), robust governance, and service delivery management.

We leverage ActiveGenie™ automation to streamline AWS infrastructure management, PeopleSoft administration, and database administration for a SaaS-like experience with near-zero downtime for routine maintenance activities.

Beyond the cost savings, ongoing PeopleSoft support, and benefits of the AWS cloud, FSCJ has a *better PeopleSoft*. **But, what do we mean by that?**

- ✓ **Future-proof solution** that takes advantage of Oracle's 10-year commitment to support and enhance PeopleSoft while optimizing database licensing
- ✓ **SaaS-like experience** with SLAs and automated services for freedom from the mundane, while maintaining unique business-specific customizations
- ✓ **Modernized platform** for faster adoption of new features, and capabilities beyond ERP to meet the needs of the students, educators, and employees

LEVERAGING THE POWER OF AWS CLOUD

The AWS Solution. FSCJ engaged the ERPA team to discuss current challenges, explore other cloud solutions, and prioritize future technology initiatives, business requirements, and scoping considerations. Our team rearchitected the way in which the PeopleSoft applications and Oracle database were hosted and the workloads were managed.

The end result was a purpose-built infrastructure with appropriately sized AWS resources.

AT A GLANCE

CAMPUS SOLUTIONS + HCM + FINANCE

TCO REDUCTION

OPTIMIZED DATABASE

BETTER USER EXPERIENCE

SaaS-LIKE EXPERIENCE

In alignment with the AWS Well-Architected Framework, our solution featured:

- AWS Elastic Compute Cloud (EC2) instances configured for optimal scalability, availability, and reliability

- Optimized database with Amazon RDS (Oracle)

- Improved monitoring and security through the use of AWS native services like CloudTrail, CloudWatch, GuardDuty, and AWS Web Application Firewall (WAF)

- Appropriately provisioned storage resources like Simple Storage Service (S3), Elastic Block Store (EBS) and Elastic File System (EFS)

- Streamlined infrastructure management and always up-to-date hardware

- Enhanced security and audit compliance with internal and external requirements

> *The expertise that we've had available to us has made major contributions to our success with PeopleSoft. We wouldn't have been able to do this without ERPA.*
>
> Executive Director of
> Enterprise Applications

ACCELERATING THE JOURNEY WITH ACTIVEGENIE™

The Migration. FSCJ was eager to migrate to AWS from the private cloud provider before its upcoming contract renewal. Additionally, and as a best practice, the ERPA team noted the migration was a perfect opportunity to upgrade the database and PeopleTools versions to ensure a fully up-to-date PeopleSoft stack.

Key to a successful cloud deployment is ERPA's *migrate-to-modernize* approach, and not just a *lift & shift*. This ensures the AWS solution is designed with a dynamic infrastructure and cloud-native architecture, leaving behind the traditional focus on hardware capacity, maintenance, and refresh.

This is why we developed ActiveGenie™, our proprietary cloud orchestration service rooted in DevOps and API-driven methodologies to deploy Oracle/PeopleSoft workloads using repeatable, scalable, automated processes.

KEY BENEFITS

RELIABILITY &
PERFORMANCE

SCALABLE &
FUTURE-PROOF

OPTIMIZED
COSTS

ENHANCED
SECURITY

Over a seven-day period, our team leveraged ActiveGenie™ to capture the key PeopleSoft application, Oracle database, and AWS infrastructure details to streamline the solution design and stand up the environments. The configuration and build of the AWS environments was automated, allowing ERPA to hand over testing to the FSCJ team. Once complete, we were ready to migrate.

Powered by ActiveGenie™ automation, the Oracle/PeopleSoft workloads were dynamically deployed using version-controlled Infrastructure as a Code (IaaC). In other words, ActiveGenie™ simplified the cloud migration lifecycle, and by working closely with the FSCJ team, all four PeopleSoft applications went live in less than 24 hours.

The result? A complete success.

FSCJ experienced immediate improvements in responsiveness, stability, and overall performance. The subsequent student registration, benefits enrollment, and fiscal year-end periods went smoothly, and FSCJ gained the ability to scale up capacity quickly to meet workload demands. As an added benefit, the reduced total cost of ownership and overall enhancements have optimized costs for the PeopleSoft applications.

aws PARTNER Advanced Tier Services   aws PARTNER Oracle Services Competency   aws PARTNER Education Services Competency