



About

Arizona State University (ASU) has developed a new model for the American research university, creating an institution committed to excellence, access, and impact – the New American University. ASU is recognized as a top-ranked knowledge enterprise focused on solutions to society’s greatest challenges, advancing a better life for all. ASU enrolls over 111,000 students and is one of the fastest-growing research universities.

Sierra-Cedar has been an important partner in helping ASU make significant progress toward our goal of enabling student success in ASU’s ongoing evolution toward the New American University by successfully migrating ASU’s PeopleSoft Campus Solutions and Human Capital Management systems to the AWS Cloud. Sierra-Cedar’s ERP and AWS expertise and their high level of professionalism made it easy to complete the migration ahead of schedule.

Jess Evans, Ph.D.
Chief Operating and
Digital Transformation Officer

Location:

Tempe, AZ

Industry:

Higher Education

Technology:

Amazon Web Services, PeopleSoft Campus Solutions and Human Capital Management

About Sierra-Cedar

Sierra-Cedar delivers industry-focused client success by providing consulting, technical, and managed services for the deployment, management, and optimization of next-generation applications and technology.

www.Sierra-Cedar.com

Background

For five consecutive years, Arizona State University has been ranked #1 in the U.S. for innovation by U.S. News & World Report. ASU’s University Technology Office (UTO) supports this innovation with its commitment to true, human-centered technological initiatives. A component of the UTO’s top ten goals for 2020 was to complete the migration of its PeopleSoft applications to Amazon Web Services (AWS) as part of its Cloud objectives.

Sierra-Cedar has been providing ASU with traditional private hosting and managed services since 2007 and has participated in over 100 distinct projects for the University. ASU engaged Sierra-Cedar to complete its migration of PeopleSoft and supporting applications to the AWS Cloud and to provide post-transition managed services support within AWS.

Challenges

ASU’s PeopleSoft Campus Solutions and Human Capital Management applications are highly intertwined and integrate with multiple ASU custom Java applications. All applications were required to migrate to AWS simultaneously. Sierra-Cedar completed all transition and go-live activities in tandem within a very brief system outage window.

Solution

Sierra-Cedar performed the AWS transition activities in three phases. Phase One tested user concurrency to confirm that AWS could manage the high-level of system performance required by ASU’s user community. Phase Two confirmed compatibility between AWS and ASU’s integrations and third-party interfaces and determined that system configurations ran successfully on the AWS platform. Phase Three transitioned ASU’s PeopleSoft applications to AWS.

Key Project Highlights

- Planned and executed testing and transition in less than one year.
- Migrated PeopleSoft Campus Solutions and Human Capital Management applications to AWS in less than seventy hours.
- Exported and transferred approximately 7TB of database files.
- Accomplished and sustained a high level of performance one day after go-live as ASU entered a busy enrollment and usage period.
- Facilitated the build and ongoing management of ASU’s PeopleSoft applications in AWS using Sierra-Cedar’s FlexOps automation and orchestration platform.
- ASU continues to utilize Sierra-Cedar’s AWS Managed Services to support its PeopleSoft environments in AWS.
- ASU is projected to reduce its managed services spend by 20% per year over the next three years.

