

BITS Pilani Modernizes its PeopleSoft Systems by Migrating to Oracle Cloud Infrastructure

Client Overview

Birla Institute of Technology & Science, popularly known as BITS Pilani, is a premier higher education institute in India in the fields of science & technology. BITS Pilani, a deemed university under section 3 of the UGC Act 1956, has been in the higher education industry for about six decades. It is one among the three privately funded institutes identified as an "Institute of Eminence" by the MHRD, Govt. Of India. BITS Pilani has four established campuses - Pilani (Rajasthan), Goa, Hyderabad & Dubai and one virtual campus offering UG & PG programs for working professionals.

Project Summary

BITS Pilani partnered with Sierra-Cedar India to migrate Oracle PeopleSoft ERP applications from a private data center to Oracle Cloud Infrastructure (OCI) to standardize and streamline its ERP infrastructure. Sierra-Cedar's migration services included design of PeopleSoft Architecture, creation of automation to configure infrastructure, migration of Oracle Databases to OCI Database Cloud Service, and production cutover with post-production support.

OBJECTIVES

- Reduce hardware refresh, procurement, operations & maintenance costs
- Streamline disparate and multiple support processes and vendors for infrastructure and application administration
- Reduce issue resolution times for infrastructure support
- Reduce lead time required to 'bump-up' infrastructure to support increase system load due to events such as student registrations (x2 / year), grading etc.
- Improve visibility of the PeopleSoft environment and use the data to make informed business decisions for a better student experience

Results

BITS went live with OCI in July 2020 with an aggressive schedule of 18 weeks in duration. With the help of Sierra-Cedar, BITS worked through complex challenges and the project was completed successfully. Benefits include:

- Considerable savings on Capex (hardware refresh, procurement) and Opex (operational & maintenance costs)
- Quicker response to infrastructure level incidents (10 hours to < 1 hour)
- Reduced lead time to bump-up infrastructure components to support student registrations peak load
- Additional capacity made available in a fraction of time than in the past
- Streamlined support processes for infra and application administration support with Sierra-Cedar
- Integrated platform and cloud services enabling more insight into the PeopleSoft system

From the Client



I am excited and proud of our accomplishment. In a big-bang approach, we achieved a unique rollout by migrating a multi-pillar and multi-campus ERP ecosystem to Public Cloud. Given the fact that this is a first of its kind rollout, we had to experiment and learn before we implemented. Sierra-Cedar India has really worked hard to make this project a success."

Ram Puram
Program Head – ERP
BITS Pilani

Organization Overview

INDUSTRY: Higher Education
LOCATION: Pilani, Goa, Hyderabad, Dubai

Products & Services

PeopleSoft HCM 9.2
PeopleSoft FSCM 9.1
PeopleSoft CS 9.0
Oracle Database 12c, 11g
Oracle Cloud Infrastructure
Oracle Database Cloud Service

