

CSU Fullerton Transforms into a Future-Ready Cloud Environment with Azure

Cal State **Fullerton**

DCG replaced manual deployments with a secure, automated Azure foundation, preparing CSU Fullerton to scale future ERP and academic systems with confidence.

About Company

California State University, Fullerton (CSUF) is a public university in Southern California and one of the largest campuses in the California State University system. CSUF serves more than 45,000 students across eight colleges, so its IT infrastructure must support academic, research and administrative operations at scale.

Business Overview

CSUF's IT organization supports more than 45,000 students along with faculty, researchers, and administrative staff. To improve scalability and speed up service delivery, CSUF engaged DCG to design and implement an enterprise-scale Microsoft Azure architecture. The engagement covered the cloud infrastructure, automated deployment pipelines, and governance for identity and access. DCG also trained campus teams to manage the new environment.

Technology & Approach



Microsoft
Entra ID

Azure Well-Architected Framework

Business Challenge

CSU Fullerton faced several connected challenges that limited scalability and slowed delivery:

- **Legacy Infrastructure:** Outdated systems with limited scalability and automation as academic and administrative demand grew.
- **Deployment Bottlenecks:** Manual deployment processes slowed the release of new services and increased the risk of errors reaching production.
- **Cloud Readiness:** The university needed a secure, compliant and scalable cloud architecture before it could support future ERP and academic initiatives.
- **Identity and Access Complexity:** Faculty, staff and students each needed different levels of access. Those access controls also had to meet higher education privacy and governance requirements.
- **Stakeholder Alignment:** Coordinating changes across departments and leadership called for a transparent implementation approach with executive sponsorship.

CSUF needed a partner with higher education experience and a structured delivery model that kept every department informed.

How DCG Powered Recovery

DCG's in-house methodology helped CSUF align leadership priorities, assess its existing infrastructure and deployment practices, and plan the work around what would deliver the most value first. DCG paired structured design with iterative execution and trained IT and departmental staff alongside the technical build, so each team could adopt the new Azure platform as it went live.

Critical Implementation Milestones

- Completed a gap analysis and phased diagnostics with CSUF leadership
- Designed and deployed an **enterprise-scale Microsoft Azure architecture** built for higher education compliance and growth
- Created automated **CI/CD pipelines** to standardize how applications are built, tested and released
- Implemented **identity management and access controls** for faculty, staff and students
- Set up **internal rebilling and consumption controls** aligned with the Azure Well-Architected Framework
- Prepared IT and departmental teams through training and consulting

Strategic Wins

- Automated CI/CD pipelines reduced deployment time and deployment errors.
- The new Azure architecture gives CSUF a scalable foundation for future ERP and academic systems.
- Internal rebilling and consumption controls show each department its cloud usage. This visibility supports cost accountability as cloud adoption grows.
- Identity and access controls now align with higher education standards for faculty, staff and student access.
- Training and consulting improved user adoption and operational confidence across departments.



Key Benefits



Faster Deployments

Automated pipelines release updates with fewer errors and less manual work.



Scalable Cloud Foundation

An enterprise-scale Azure environment prepared for future ERP and academic systems.



Higher Education Compliance

Identity and access controls aligned with academic privacy and governance standards.



Cost Visibility

Rebilling and consumption controls show each department what it uses and spends.



Campus Team Readiness

Trained staff manage and extend the Azure platform with confidence.

Modernize your campus cloud and prepare for future ERP initiatives with a phased plan built around your institution.

[Schedule Your Consultation](#)



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