

Campus Cloud Write Up for Judges: **Best Administrative Solution**

Campus Cloud Services is a cloud-based student information system (SIS) provider. Our SIS is the first cloud-based, real-time solution that manages all student data in one place – across admissions, academics, financial aid, accounts and billing, graduation, and career placement.

We've written over 350 application programming interfaces (APIs), allowing Campus Cloud to communicate with most learning management systems (LMS), including Canvas, Moodle, Brightspace, and other software popular in the higher education market. By embracing an open API environment, we're able to extend our college services giving our customers the flexibility to build on any platform. We're also native web, which allows Campus Cloud to run on any device that supports a web browser — for students and administrators on the go.

When it comes to customization, customers have the ability to choose a system that works for them. For example, when our customers are building a course for their students - either to enroll or attend - they have an infinite number of possibilities. Admin can choose how students receive their credit (e.g. hour credit, contact hour, specific amount of time, number of completed assignments) and how they take their meetings (in-person or remote). End users also have the ability to select how the system looks and feels, putting them in control of what their preferred navigation looks like.

For those wanting to generate a report, Campus Cloud has over 150 different admin-controlled reports in the system, governed by the role of the administrator trying to access them (financial aid office, director of admissions, faculty, etc.). We provide all required regulatory and compliance reporting, freeing up administrators' time and energy. Campus Cloud also has a report writer, which allows those who have the technical skills to create their own reports, while Campus Cloud generates the SQL code for them.

In order to meet our growth and performance challenges, we migrated to MariaDB SkySQL as our cloud database running on Google Cloud Platform (GCP) and SkyDBA for fractional DBAs with A+ proactive care. The volume of data that we're moving and the connectivity we're building only increased our need for a modern cloud database with high availability, scalability, and security. MariaDB's intelligent database proxy and router are included in our SkySQL multi-node deployments and it has helped increase redundancy, coordinate automatic failover, and handle concurrent connections. SkySQL's database firewall, dynamic data masking, and other enterprise security features prevent data breaches and stop accidental and malicious queries from flooding the network and database. This is key in handling sensitive student data and personally identifiable information protected by federal laws. SkySQL powers Campus Cloud with its dynamic scalability and a zero-tolerance policy for any downtime.

Universities and schools are able to lower upfront infrastructure costs, repurpose IT professionals to other tasks, and focus on projects that differentiate their college instead of infrastructure with Campus Cloud.