



Delivering exceptional outcomes and user experiences with a seamlessly integrated hybrid infrastructure built on Rocket® Uniface



Product:

Rocket® Uniface

Application:

Development Platform

With over two dozen colleges, seven universities, and 50-plus campuses across the state, this institution is one of the top five state college and university systems in the United States.

Each year over 300,000 students attend classes, and 153,000 professionals attend training programs offered to the state's businesses. As the single largest provider of higher education in the state, it relies on a hybrid of proven and modern technologies to sustain its sprawling operations.

Challenge

To meet student needs and provide cutting-edge, digital learning experiences, they onboarded various modern technology solutions while maintaining decades-old proven systems. These tried and tested solutions are responsible for core applications governing financial balances, fee payments, and student enrollment. Written years ago, in COBOL and Java, these applications exist in an infrastructure with more recently introduced solutions written in modern languages that are easily accessible through intuitive mobile interfaces.

Over the years, this hybrid approach resulted in IT infrastructural complexity that was a burden for the IT team to maintain. It created a jarring user experience for faculty, staff, and students. To preserve both its technological superiority and the integrity of core functions, the IT team urgently searched for ways to integrate and bridge the old and new parts of its infrastructure.

Solution

The Rocket® Uniface Application Development Platform was the first and only choice for this top higher education institution due to its consistent track record of seamless integration. Its low-code development capabilities enabled the institution's IT team to build integration pathways quickly and easily between their core applications, modern Oracle database, and web-based tools/applications.

"The lack of technology lock-in with Uniface meant the process was quite simple," says Dave Willford, the institution's Enterprise IT Leader.

This ease of integration and subsequent stability between proven and modern infrastructure gave the IT team greater confidence to connect applications, environments, and even databases. It also simplified management, providing the IT team with a unified interface.

The higher education institution needed to **lighten the maintenance burden on IT, continue to deliver core functions, and meet student demands** for modern and innovative digital learning experiences.

Thanks to the **Rocket Uniface low-code application development platform** that seamlessly works with any database, the IT team's maintenance load was lightened, and the user experience of the students, faculty, and staff was modernized.

Our biggest concern was if everything would still work once we migrated to Oracle, and it did. We let Uniface connect to the database and do all the work. That worked out really well for us.”

ENTERPRISE IT LEADER

Results

Today, the application consists of more than 2,000 components (including GUI components, logic components, etc.) that access more than 1,400 tables containing millions of rows of data on the back end. For the institution’s 450,000-plus users—consisting of faculty, staff, vendors, and students—the front-end experience has been nothing but seamless and smooth. The concurrent satisfaction of more than 1,500 user requests, dataflow management, and hundreds of transactions per minute across both proven and modern applications and tools have streamlined the institution’s efforts to modernize.

With the integration challenge solved, the institution can focus on delivering quality education and user experiences that keep it competitive, agile, and relevant in the education sector.

Rocket Software’s impact

01

IT Improvements

Seamless integration of proven and modern technologies lightens the IT team’s maintenance load.

02

Modern

Students can access the modern digital learning experience they expect while faculty and staff enjoy a modern user experience.

03

Efficient

Proven systems continue to efficiently handle financial balances, fee payments, and student enrollment in a modern IT environment.

The future won’t wait—modernize today.

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Learn more



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