

Edith Cowan University Makes More Student Data Accessible With Boomi

Leading Australian university uses the Boomi AtomSphere Platform to polish student and staff digital learning experience, while creating efficiencies in the technology department

“We house large amounts of important data across our application stack, accessed and engaged with by staff and students throughout the school day for insight and decision support. Having appropriate tools like the Boomi platform helps ensure that information is accurate and reliable.”

Vito Forte

Chief Information Officer,
Edith Cowan University

Business goals

Western Australia's Edith Cowan University (ECU) houses large amounts of important data across its application stack, used and engaged with by staff and more than 30,000 undergraduate and postgraduate students.

The university pledges to provide job-ready graduates with enriching learning experiences, and this ambition motivated its IT team to strengthen data access and sharing capabilities to improve teaching staff and student online engagement.

Technology challenges

To make sure information is accurate online and available anytime of the day, ECU's IT professionals needed to modernize the university's digital framework without getting bogged down by the significant development cycles and platform maintenance

Previous efforts to integrate critical systems relied on a timely single-use, point-to-point integration method, which was proving unfeasible in the current climate of expanding digital reliance. In addition, these legacy methods of integration were impacting the efficacy of applications, having recently migrated several software as a service (SaaS) applications to public cloud.

How Boomi helped

To modernize the integration of business systems, and improve reference architecture and development processes, the university selected Boomi's low-code, cloud-native integration platform as a service (iPaaS) to construct a unified integration capability that supports reusable design patterns and standards for automated, quicker connections.

Boomi helped deliver a consistent solution design approach that promotes high service reuse, and increased scalability.

The university is now connecting and orchestrating more data in less time, including using Boomi to integrate its Salesforce customer relationship management system, learning management system, student management system, and HR management system, as well as Azure Event Hub and Azure Data Explorer.

Results & business outcomes

The connectivity of the category-leading iPaaS has given staff and students the ability to reliably access the right information, at the right time, across ECU's various student platforms. The success of online engagement is constantly evaluated by the university's IT team with Boomi-powered student-to-system analysis and reporting.

The Boomi platform has also helped accelerate development work for IT, as its flexible application architecture frees up significant platform maintenance overhead. ECU's IT team are now launching new services and apps in weeks rather than months, and have introduced new capabilities in data persistence, message queuing, API management, and security.

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CUSTOMER SPOTLIGHT

Industry & Market	IT
Headquarters	Perth, Australia
Employees	2,000
Key Integrations	<ul style="list-style-type: none">• Salesforce CRM• Azure Event Hubs• Azure Data Explorer



While ECU works to attract and train more and more students to fill the technology skills gap, IT staff today shouldn't get stuck on maintenance, keeping them from focusing on more value-adding digital projects. Boomi has helped ECU beat the heat – the team is now working much faster, with more time spent on aligning with architecture, tracking information assets, and documentation."

Nathan Gower

Director, Australia and New Zealand, Boomi