

RMIT University

Customer Success Story



RMIT is a world leading university in Design, Architecture, Education, Engineering, Computer Science and Information Systems, Business, Communication and Media Studies. With over 95,000 students, RMIT has a global reputation for excellence in professional and vocational education, applied research, and engagement with the needs of industry and communities worldwide.

Challenge

RMIT recognised the need to ensure students are work-ready. With many of the companies students will be moving into using the Dassault Systèmes solution, RMIT needed to ensure students are acquiring the right skills between the transition from student life to the workforce.

Additionally, RMIT wants to provide students with more flexibility and accessibility for students' learning experience while maintaining its world-class standard of teaching.

Benefits Achieved



Upskilling of students with the skills and knowledge for industry intake



Improved project-centric learning through an integrated digital platform



Better collaboration and monitoring between educators and students



Bridging the gap between university and the workforce for graduates

Solution

In partnership with Dassault Systèmes and its value partner MEMKO, RMIT University adopted the 3DEXPERIENCE Platform to enable mechanical engineering students to become accredited and certified in advanced 3D design, simulation, manufacturing and project management. The 3DEXPERIENCE platform is at the forefront of equipping future engineers with industry-ready skills and opportunities for employability across 11 different industries.

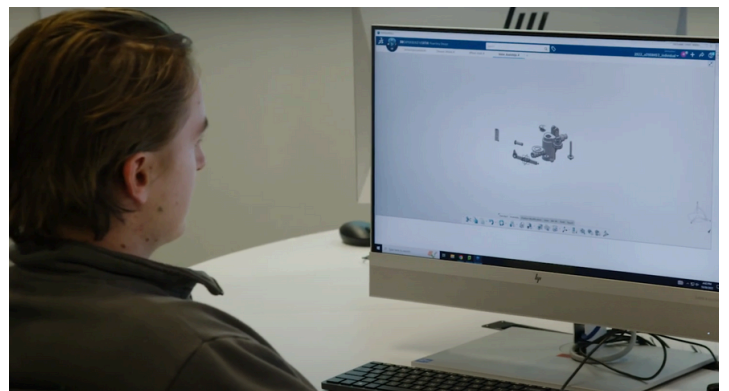
Implementation & Successes

The adoption has allowed educators to monitor student projects, ideas and facilitate more projects in an easy and dynamic way. From a teacher's perspective, the 3DEXPERIENCE platform has enhanced classroom collaboration and teamwork flexibility. "They can access the software anytime, anywhere they like," said Mr. Pang Toh Yen, Senior Lecturer at RMIT University, "students can work collaboratively on this single digital platform and come up with the design idea from the ideation stage to a complex design."

Ultimately, by using Dassault Systemès suite, students have been able to be equipped with the right skills for their future. Rayan Al Hamawi, student at RMIT, said "by using 3DEXPERIENCE I was able to grow and get stronger in part design, finite element analysis, mechanical testing and behavioural modeling as well. As a fourth year engineering student, it really did help me transition from the student life into the workforce. The skills gained are key and evident in my current job as well, we use a lot of 3DS."

RMIT University has also been able to reduce a lot of in-house costs related to computer labs and tedious IT maintenance. It has allowed dynamic development with year-on-year improvement (knowledge reuse) across the university, and permits the recruitment of students for postgraduate programs or industry intake.

From Adrian Mouritz, Dean of Engineering at RMIT, "The key goals that we have at RMIT is to ensure that all our graduates are ready to work with the industry and that's why our partnership with Dassault Systemes is so important to help them become more work ready."



" We are educating our students in the various types of Dassault Systemes software that they can then become familiar with before they actually enter the workforce"

Adrian Mouritz, Dean of Engineering at RMIT

To see how 3DEXPERIENCE Edu can be implemented in your university. please get in touch to speak to a product expert or book a demo session

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About MEMKO Systems

MEMKO Systems is an Australian-based company with multidisciplinary engineering capabilities supported by highly experienced and skilled staff with an extensive track record working with global OEMs, Defence Primes, and Government Agencies. MEMKO Systems delivers advanced manufacturing solutions, digital transformation technologies and industry upskilling training. Quality management system is ISO9001 and ISO27001:2013

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Capability Areas

Analysis, Modelling & Simulation	✓
Digital Twin & MBSE as a Service	✓
Design & Engineering	✓
Infrastructure as a Service	✓
Deployment, Support and Upgrade Services	✓
Training Courses	✓