

# ENGINEERING SOLUTIONS QUEENSLAND ENHANCES PROJECT DELIVERY WITH SPECIALISED DATA MANAGEMENT

12d Synergy AEC software creates collaborative environment for in-office and remote workers.

Civil engineering and project management consultancy, Engineering Solutions Queensland Pty Ltd (ESQ), has increased productivity by enabling team collaboration and providing a central data repository for project-related emails and design files using 12d Synergy.

12d Synergy is a data management and project collaboration software suite for the Architecture, Engineering and Construction (AEC) industries that solves the problems of document management and transmittals, task allocation and email tracking.

Established in 2013, ESQ formerly relied on manual processes to manage road design, earth works, drainage and infrastructure modelling projects. As its business expanded, the firm recognised the need for sharing and managing project related tasks, documents, email and data to avoid project bottlenecks.

"The team previously used their local computers to schedule and record their daily tasks, and this information was not shared," said Mal Peaker, Design Office Manager, ESQ.

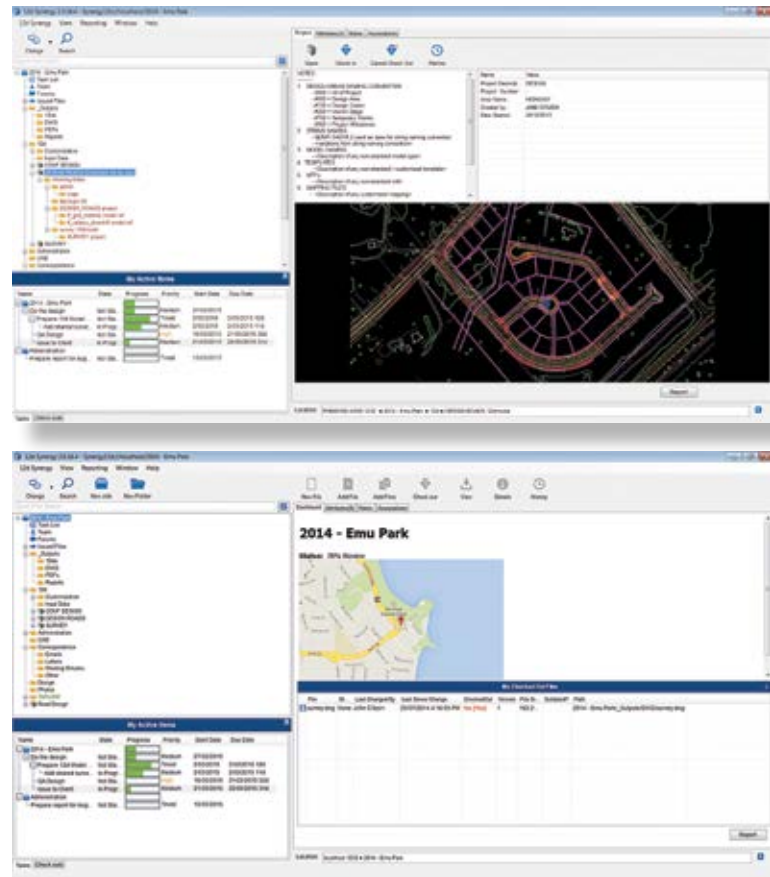
"Because our Director manages most of the client liaison, a lot of important project data would sit in his inbox. That created an inefficient work system because no one would be notified of potential client or project changes unless they were copied on emails," he said.

With each project comprising numerous design, correspondence and data files – anything from drawings to task notes and communications – tracking the progress of jobs could no longer be accurately managed without direct and timely access to up-to-date information.

"For example, when a client called chasing information on a project, we wouldn't always know the details behind the request because we wouldn't have the files needed to review or an effective way of retrieving the background information," Mr Peaker added. "Since we are such a young company, we were looking to get a data management system so we could keep up with new demands and peak workloads by collaborating throughout the lifecycle of every project."

Since migrating its projects and data library into 12d Synergy's architecture, engineering and construction (AEC) data and project management software, ESQ has enabled a collaborative and file-sharing environment to provide its team of seven with the most up-to-date information.

Using 12d Synergy's Outlook plug-in, ESQ has automated the filing of emails; emails are now attached directly to a job folder which all staff can view and action. ESQ has also introduced a formal documentation process with templates for fee and project proposals, as well as project assessments. Document naming conventions are enforced by the system.



These capabilities are being supported by 12d Synergy's over-arching revision and version control, which simplifies the process of backup and audit when changes need to be made to a job. This means ESQ can quickly roll back to previous versions of designs created with a geospatial platform, such as 12d Model (also developed by 12d Solutions)

"With a comprehensive data management and collaboration system in place, ESQ is in a position to expand its business with complete control of its project designs, documents and liaison," said Joel Gregory, General Manager, 12d Solutions.

"Mal and his team have future-proofed the organisation by building a collaborative environment that allows projects to be delivered on time regardless of the location of its designers," Mr Gregory added.

ESQ's implementation has been backed by 12d Synergy's renowned, locally-based support through which 12d Solutions' technical team has provided ongoing guidance to maximise the value the software delivers.

## ABOUT 12D SYNERGY

12d Synergy is the data management and collaboration product of Australian-based Architecture, Engineering and Construction (AEC) software developer, 12d Solutions. 12d Synergy is designed to solve problems around tracking email correspondence, document management and transmittals, task allocation and management of geospatial data from 12d Model and other industry-standard AEC design platforms. 12d Synergy is available globally from 12d and authorised resellers. For more information, please visit: [www.12dsynergy.com](http://www.12dsynergy.com)

## ABOUT 12D SOLUTIONS

12d Solutions is an Australian Architecture, Engineering and Construction (AEC) software developer founded in 1991. The company's flagship product, 12d Model, is a powerful terrain modelling, surveying and civil engineering software package built for projects including, but not restricted to, land development, highways, mining, urban drainage and flood modelling. 12d Solutions is available globally from 12d and authorised resellers. For more information, please visit: [www.12d.com](http://www.12d.com)