

Case Study – Australian Drafting & Design

BACKGROUND

Australian Drafting & Design (ADD) is a Brisbane based company that is also one of the largest drafting, engineering and design service corporations in Australia. ADD has operated for over 20 years as a preferred supplier to both local and international industries, projects, governments, and Defense.

They have received awards and recognition for local projects such the Brisbane Casino, Brisbane Exhibition Centre, Brisbane International Airport, the refurbishment of the Queen Street Mall and the refurbishment of the King George Square.

ADD provide engineering solutions globally and have staff in over 15 countries. As a leader in technology and global project collaboration, ADD has always embraced new technologies that can give them an edge over their competition.

As a critical defense contractor, ADD is always vigilant in the knowledge that the designs and engineering work they carry is of a high value to cyber criminals and other state actors.



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THE CHALLENGE

One of the most notable events to impact the drafting and engineering defense contractor sector was when the Australian Navy ship designer and building company, Austal, was hacked in 2018. Austal announced that its data management system had been breached by an unknown offender, accessing crucial ship designs and drawings. Some of the information was later found for sale on the Dark Web.

As a similar supplier to large military projects, ADD was keen to find a solution that could protect their data from theft and also allow for the flexibility and complexity required in collaborating with the many other contractors required to complete a project from design to reality.

The business itself is structured that large CAD files of confidential information had to be regularly shared and access between staff in multiple countries. Other file storage solutions both did not cater for the security or the file size transactions that they required to do business effectively.

ADD sought a solution that would allow them to audit, track, share and maintain a strict versioning control and security over large confidential files. Security paired with ease of use for both the staff and clients was paramount.

THE SOLUTION

Australian Drafting and Design adopted an enterprise solution of the Cryptoloc Cloud product. This allowed them to use the process flow functionality and integrate the system to all of their existing design tools, creating a seamless experience of the entire supply chain for their staff and customers.

The product can track any document and verify that only the intended recipients can download and decrypt it. The Cryptoloc Cloud solution ensures sensitive customer information is never compromised.

The cloud based technology has allowed ADD to control their versioning and process flow on all of their large working CAD and design documents. When staff in Australia finish work of an afternoon, staff in Europe come online and continue working on the designs securely with the ability to roll back to previous versions at any time.

Delivery of documents is simple too with the cloud solution. ADD constantly utilise the functionality to securely send documents to third parties knowing that they have a complete audit trail of them being received and decrypted.



Cryptoloc Cloud has become an integral part of our business. We can now guarantee the privacy and delivery of highly sensitive drawings throughout our complete supply and execution chain. To implement this level of security and document auditing ourselves would not have been practical or possible.

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Australian Drafting & Design

