CAD-IT AUSTRALIA

ELLUME:

Transforming processes to minimise costs and improve efficiency whilst maintaining ISO standards

ellume

THE CHALLENGE

Ellume is a factory located in Brisbane that develops, manufactures and commercialises the next generation of digitally enabled diagnostic products for healthcare professionals.

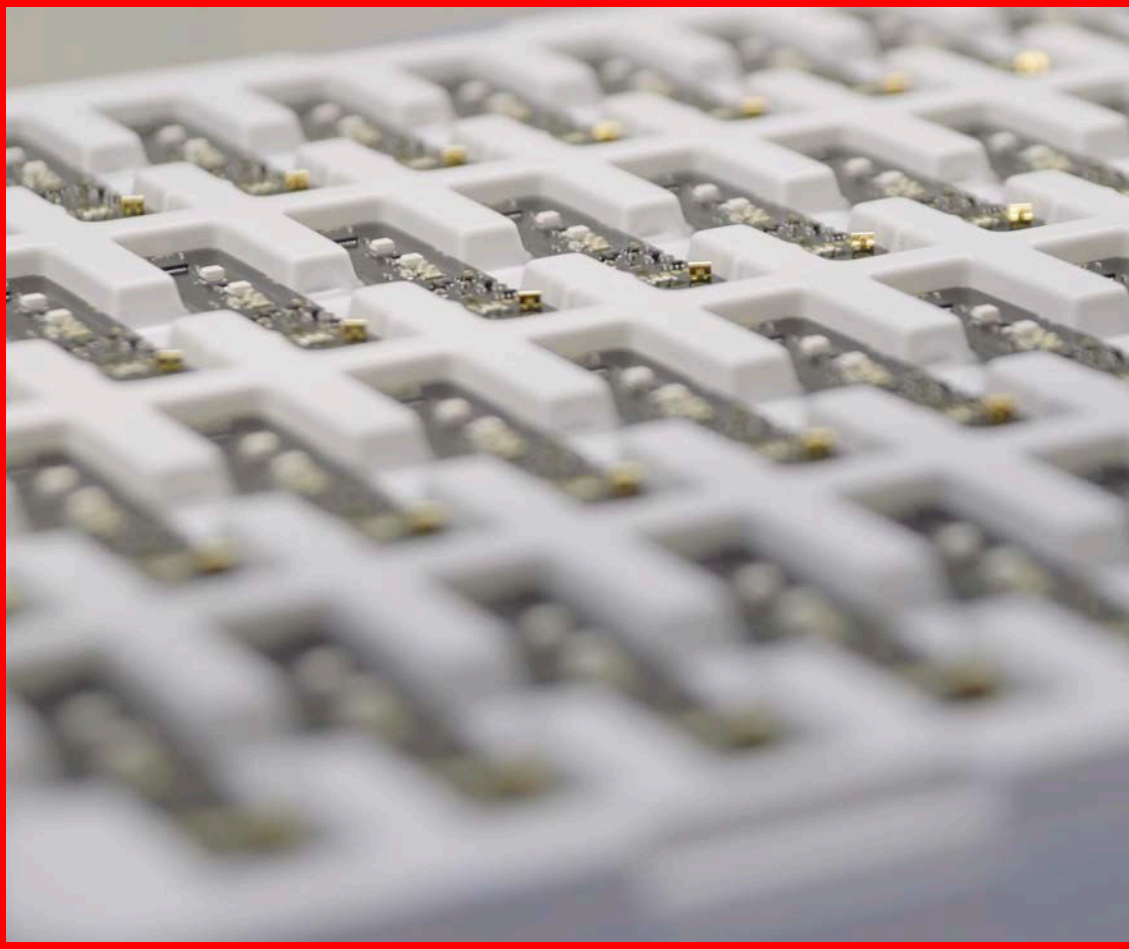
As Ellume is in the medical device industry, they are regulated by many standards they must follow and procedures they must adhere to. They needed a product development system to record their data digitally.

Ellume must adhere to a couple of standards: ISO 13485, 21 CFR Part 820 and ISO 13485, auto-creation of the Design History File (DHF) and Device Master Record (DMR). These are standards included in the Windchill Medical Device Template. Windchill's full traceability and version control were key considerations for Ellume, along with incorporating the out-of-the-box closed loop Change Management process.

In response to the COVID-19 pandemic, Ellume was rapidly growing. As a result, they had limited available resources to take on the PLM project and drive Windchill's adoption, configuration and implementation into the business. Adjustments to the processes and workflows were needed based on requirements from Ellume, and new users were required to be trained.

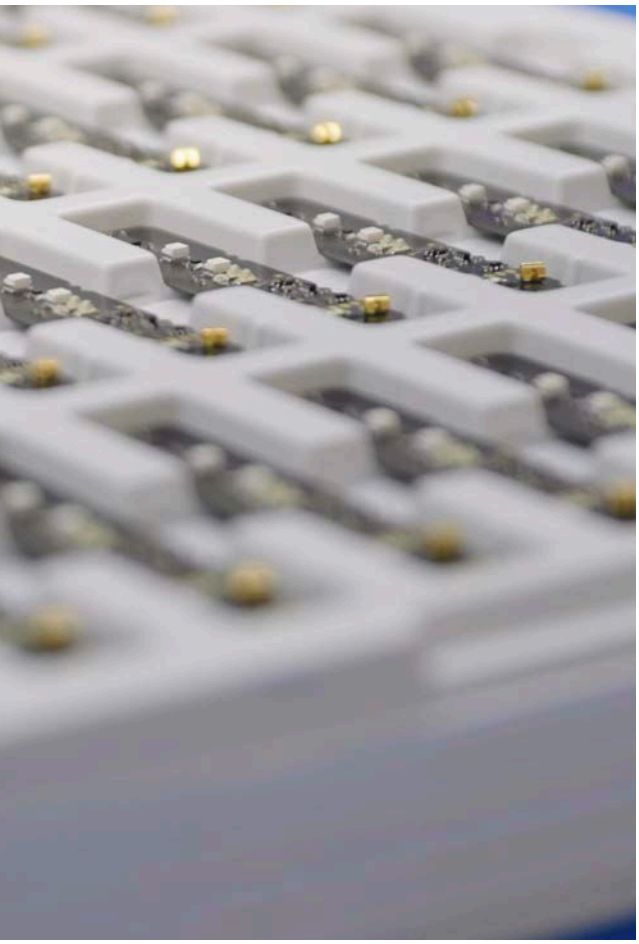
Ellume couldn't manage the business demand whilst implementing a PLM system simultaneously. It was at this point that they sought support from CAD-IT Australia's helpful and experienced team.

When Experience And Knowledge Matters!



HOW WE ASSISTED

> Ellume needed an industry-leading solution with reliable, out-of-the-box processes that would be easy to use and implement. They wanted support from a strong, local and experienced supplier.



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Here is where CAD-IT Australia stepped in. Following an initial meeting, a planned staged approach was implemented, which proved crucial for user adoption and to conform with Ellume's daily tasks. Ellume implemented a specific training process that made a significant difference to the success of the project. This involved providing a Windchill PLM user manual to every user, which is role-based and available online.

Our CAD-IT Australia team assisted onsite for one day each week. This allowed Ellume staff to carry on with business with minimal disruption. Each new employee received role-specific training before using the Windchill software. Continuous improvements to Ellume's workflows were also implemented immediately. It helps that the Medical Device industry best practices are already implemented within Windchill, which provides Ellume with a baseline requirement. This enabled a fast transition to utilise Windchill as a PLM system with minimal disruption to Ellume's business.

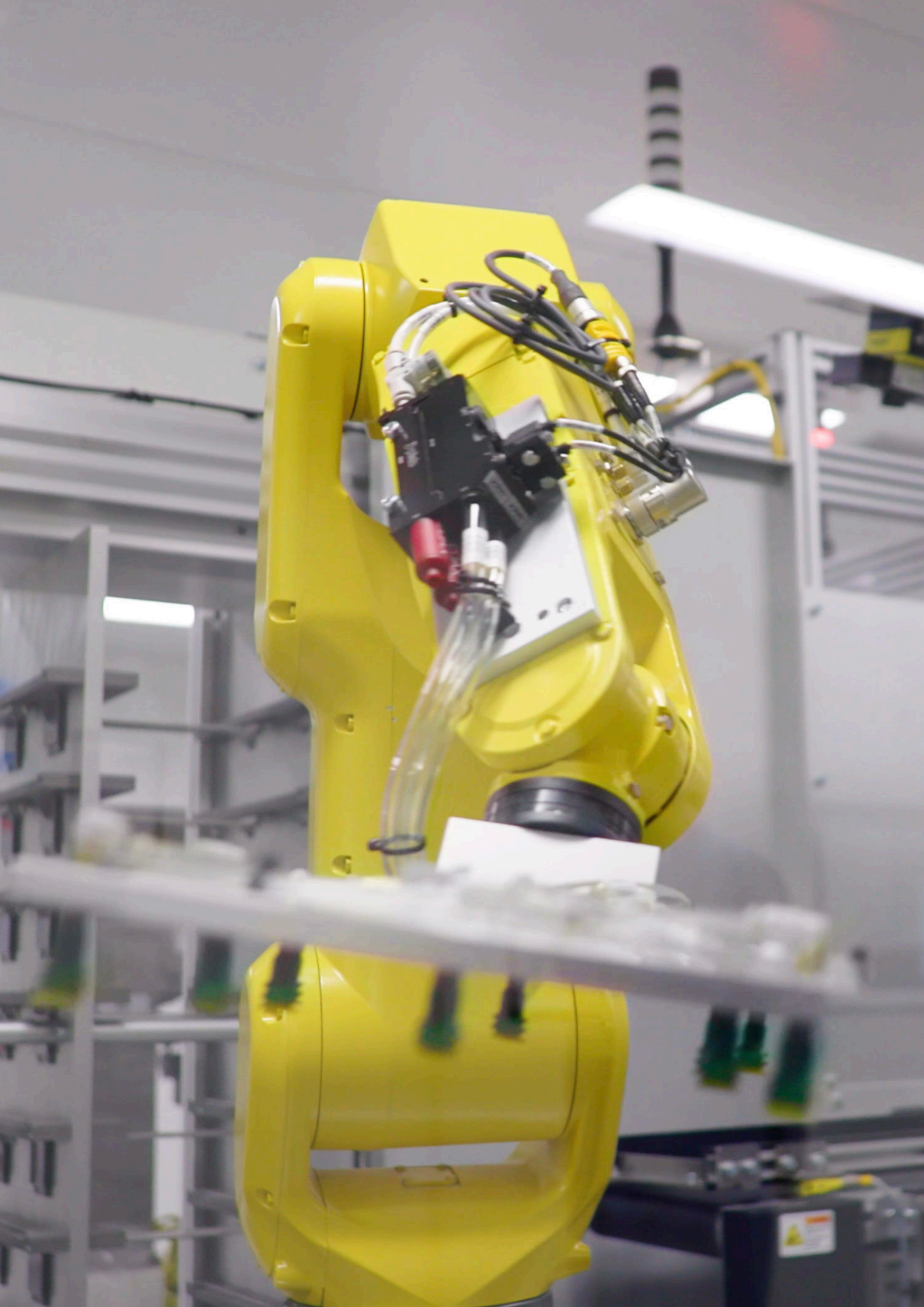
THE OUTCOME

The implementation of Windchill in Ellume's product lifecycle management significantly impacted productivity which directly relates to cost. The implementation enabled the team to focus on their duties, and process improvements were implemented easily and without delay.

Windchill is very powerful and well aligned with the Medical Device industry. According to Ellume, having the likes of Document Control, Design Control, various Bill of Materials and Manufacturing Process Plans, in one system is a not-to-be-missed advantage. For Ellume, the Windchill PLM Medical Device Template closes the loop between Engineering, Manufacturing, Quality and Servicing with an added Change Management process in place.

The big winner for Ellume is not having to double-check if the correct version of documents is being used. It takes seconds to find what they're looking for in the program. Every department can access the information they need when they need it without disrupting other departments.

Our team at CAD-IT Australia has provided invaluable support for Ellume and made a significant difference in helping them meet their business objectives and improve productivity. We look forward to continuing to work with Ellume on their journey in Windchill.



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