



# CASE STUDY

**MODERNISATION OF KEEP/CULL AND  
WEIGHT APPS FOR  
AUSTRALIAN GRAIN TECHNOLOGIES  
(AGT)**

*Incredible work we've done for our incredible customers*

# CLIENT OVERVIEW

---



Australian Grain Technologies (AGT) stands as Australia's premier plant breeding company, holding the esteemed position of market leader in wheat genetics. Renowned for its dedication to innovation and commitment to agricultural advancement, AGT has solidified its reputation as a pivotal contributor to the nation's agricultural landscape.

The company leverages cutting-edge tools and methodologies encompassing mechanical solutions, robotics, computer science, GPS technology, and the latest advancements in biological and genetic theory.

## CHALLENGES

---

AGT's decision to upgrade its systems stemmed from the recognition that its existing applications were outdated and relied on unsupported components, leading to IT security vulnerabilities, performance issues and user dissatisfaction.

## OBJECTIVES

---

The objectives of the software modernisation project were to enhance user experience, improve performance, centralise management, and bolster IT security. Additionally, compatibility with peripheral devices such as printers and webcams was identified as crucial for seamless operations.

# SOLUTION

---

- **Enhanced User Interface** : Leveraging industry best practices, design thinking and modern day collaborative design tools such as Figma, Avonet redesigned the user interface to consolidate multiple legacy applications into a cohesive and intuitive interface. This not only enhanced user experience but also streamlined workflows across the organisation.
- **Centralised Access** : Centralisation of files onto a single accessible platform eliminated the complexities associated with navigating disparate systems, fostering greater efficiency and collaboration among AGT's workforce.
- **Device Compatibility** : Avonet's expertise in integrating peripheral devices ensured seamless compatibility, empowering AGT to leverage advanced data capture technologies for improved accuracy and productivity.

Overall, the implemented solution not only resolved existing issues but also positioned AGT for future growth and innovation in the agricultural sector.



# METHODOLOGIES

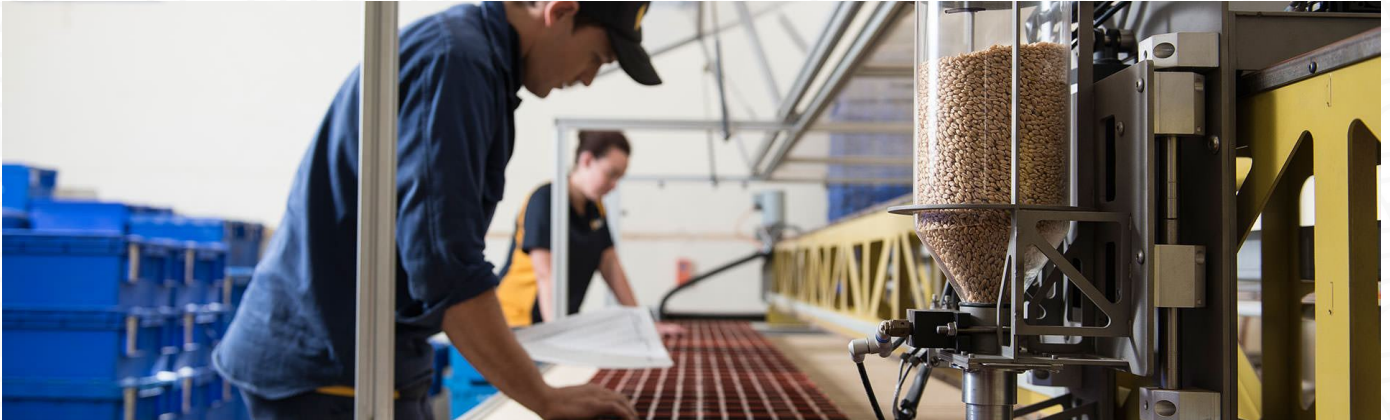
---

Throughout the implementation process, Avonet demonstrated proactive problem-solving and responsiveness. No unexpected challenges arose during deployment, with Avonet efficiently addressing any bugs identified during testing. Updates and fixes were promptly delivered, ensuring minimal disruption to AGT's operations.

Avonet maintained proactive communication channels, scheduling regular meetings and utilising shared documents for feedback. Their commitment to clarity and responsiveness fostered a collaborative environment throughout the project lifecycle.

# OUTCOME

---



The collaboration between AGT and Avonet exemplifies effective project management, clear communication, and technical expertise, resulting in a solution tailored to meet AGT's specific needs and future-proofing their software ecosystem. Following the implementation of the modernised software solution, AGT experienced tangible improvements across various aspects of its workflow.

Overall, the successful outcome of the project underscored the value of collaborative partnerships and innovative solutions in driving organisational growth and resilience. As a result, AGT expressed a high likelihood of recommending Avonet to peers and colleagues for future projects, underscoring their satisfaction with the software modernisation project.