



Landgate

Micrographic Project Case Study

grace:
Always more.



¹ Landgate, n.d., About us

² Landgate, 2020-2021, Our Plan

Project Overview

Landgate is “Western Australia’s land information authority”¹ responsible for the “sustainable economic, social and environmental management and development of land in Western Australia by securing land interests, valuing property and providing and promoting the use of location information and services”². Initially, Landgate engaged with Grace to discuss off-site storage solutions to house a large number of plans, hard copy documents and books. During these discussions, Grace discovered that Landgate holds a vast collection of micrographic tapes and films which were at risk of deterioration. These tapes contain copies of the original land titles relating to WA, and were stored in customised filing cabinets, located in a non-tempered room.

The Challenge

Landgate has 14,030 Micrographic tapes/films, and each holds vital information relating to land within Western Australia. At the time, Landgate was awaiting approval to transform these tapes into digital copies to not only preserve content, but to provide easy access and readability, and to ensure it remains available in the future.



Project Goals and Solution

This project has two key goals:

1. Store sensitive information into proper storage facilities that will provide maximum security and help preserve these records for future use.
2. Transform these traditional records into more user-friendly and easily accessible digital versions.

The Solution

To ensure the tapes/films are well-looked-after and are easily accessible, Grace proposed:

- The transfer of tapes and films into Grace's secure and safe storage facility
- The digitisation of the tapes and films, allowing Landgate to share sensitive information with their stakeholders as needed
- Upload files within those tapes and films to Landgate's document management system via a custom-built, encrypted web app, ensuring urgent items could be accessed within 1.5 hours of request.



Project Outcomes

Expansion of Project Scope

Due to the initial success of the project, Landgate expanded the scope and an additional 1,064 tapes were added in the project. In addition, the original items were stored into an off-site temperature-controlled environment to ensure they are stored in optimal condition.

The Outcome

Certain aspects of the project are ongoing, however, to date the efficiency of the Grace Perth team enabled a secure and safe process where:

- Digitised ~7.5 tapes per day out of 2100+ tapes requested
- Production of approximately 9M images in 15 months at 31,500 images per day

The conversion from traditional micrographic tapes/films to electronic versions has allowed Landgate to not only access information effortlessly, but also ensure that the original, priceless tapes are preserved for the future.