

Case Study: ERDM Program Data Migration

Project Scope	<p>Undertake all data-related activities to support the implementation of an Electronic Records & Document Management Solution (ERDMS) across four NSW Government Departments with a workforce of approximately 20,000 staff.</p>
Value	<p>\$2M</p>
Requirements	<p>Migrate the data in 7 different core legacy systems and a number of spreadsheets and local databases, to a single standard data model ready for transfer to a new system. The systems contained millions of records of historical data and varied in age from between 7-20 years.</p>
Approach	<ul style="list-style-type: none"> • Profile the data in each of the legacy systems to understand its structure, relationships and quality issues. • Evaluate data against various sets of business rules to determine record validity and report exceptions • Develop a consolidated standard data model and map each system to the new structure. • Apply business rules for data cleansing, standardisation and transformation as necessary • Migrate the data into the staging database from which it could be imported into the new ERDM system. • Provide reporting at each stage to support strategic and operational decisions.
Outcome	<p>The 7 core legacy systems and the local data collections were migrated successfully to the new Staging data model.</p> <p>This approach abstracted the differences between the different legacy systems and took much of the complexity out of the final migration to the new solution.</p>
Business Benefits	<p>The data in the legacy systems was business-critical and also fell under the authority of the State Records Act.</p> <p>The project resulted in cleansed, enhanced and standardised data that could now be managed via a single system and would continue to be of business for many years. Flow on effects included compliance with the State Records Act, the ability to easily locate records and business confidence in the new solution.</p>