

Engineering Drawing and Document Management



Industry

- Rail Infrastructure

Project Facts

- Over 250,000 Drawings
- 200 + users
- Multiple organisations

Challenge

- Engineering data management
- Stakeholder management
- Data migration
- Business Continuity

Return on investment

- Reduced project management costs
- Reduced risk and errors
- Improved project handover
- Stakeholder access
- Data security

Future Benefits

- Improved Drawing Management and Data Capture
- Improved storage and retrieval facilities for VicTrack and Rail Stakeholders
- Improved project handover

VicTrack owns all land and infrastructure in Victoria used for the purposes of public train and tram transport. It leases these assets to private transport operators through the Director of Public Transport.

VicTrack identified a requirement to bring in house their Engineering Drawing Management which was managed and maintained by an external contractor. The key deliverables were to provide improved access, control and management of the information.

With a large number of stakeholders the project required a high level of collaboration to manage and deliver the project to meet expectations. VicTrack now have a system that gives them greater control over their engineering data.

Consulcad developed a strategy for migrating the system and data back in-house and is providing ongoing services to assist VicTrack and the Stakeholders. As part of this process a set of CAD standards were introduced to provide a consistent format of drawings, coordinates and an interface to the PASS Assets GIS at The Department of Infrastructure.

In the future, the system enables VicTrack to identify and act on areas for data improvement, and improve business process.

