

Case Study: Electrical Engineering- eLearning



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Client Situation

Southern Cross Electrical Engineering (SCEE) is an Australian-based leading provider of specialised electrical and instrumentation (E&I) services to blue-chip customers and has built a 30-year reputation for delivering safety and excellence in complex large-scale projects in harsh and remote environments. Specialising in electrical, instrumentation, communication, and maintenance services operating in five market sectors, the company needed a more effective training model for its 1,000 workers.



The training goal was to deliver recurring pre-mobilisation safety training at a lower expense than traditional classroom instruction. SCEE selected Damstra's eLearning solution that would enable high-quality safety training at a lower cost and sustain its reputation for safety.

Challenges

Prior to implementing eLearning, the engineering firm was facing the following training challenges:

- **Classroom Model**
The need to replace face-to-face classroom instruction with a shorter, standardized video eLearning solution.
- **Expense Management**
The need to eliminate training delivery cost inefficiencies in coordinating staff availability, trainers, and venues.
- **Content Flexibility**
The need to edit content and effectively prepare the workforce prior to project mobilization.



Damstra Solution

Damstra's eLearning solution offers intelligent, connected, on-demand learning modules include:

Inspired Learning Management

- Upload existing training materials and automatically convert into interactive modules, or create and edit content
- Automate scheduling of training based on rules, learning paths, and learning success
- Learn anywhere on the go with mobile access
- Intuitive, real-time dashboard

Training Needs Analysis

- Create learning paths for team members
- Plan future workforce and skills requirements
- Create achievements for skills development

eLearning Course Development

- Use expert team of instructional and media designers to build best practice eLearning modules with engaging content

- Identify learning and development trends and how to incorporate blended and micro-learning
- Utilize prepared content from the Damstra Learning Marketplace

360-Degree Virtual Reality Courses

- Engage with 360-degree video on a smartphone
- Experience more engagement, especially in compliance training
- Retain deeper learning experience

eLearning helped SCEE:

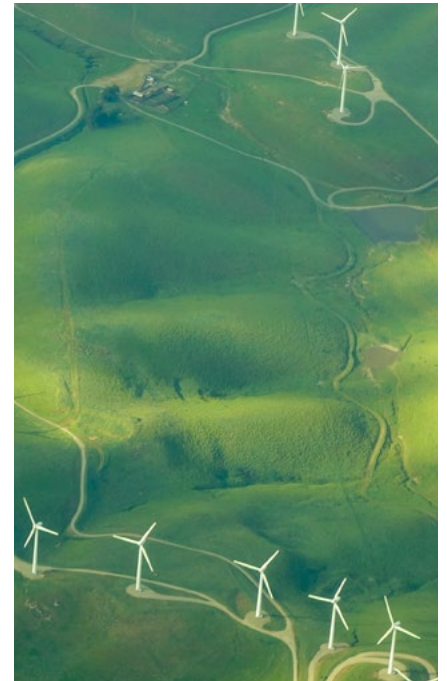
- Leverage content to a new eLearning model that was professional and efficient
- Provide a user-friendly training video with assessments to improve learning
- Eliminate recurring training delivery expenses
- Improve content and compliance viability with easy editing functionality

Outcomes

Since implementing eLearning, SCEE replaced inefficient classroom with online video content, reduced training delivery expenses, and improved content editing time and quality.

"I welcome the eLearning platform as the flexibility and compliance allows us to get our staff ready for mobilisation efficiently. It's user friendly, and the editing suite allows us to edit when required. I was impressed with the Damstra Learning Team and their ability to convert our existing induction and video content into a professional and efficient online product."

—Mel Oliveri, Training Manager for SCEE



ABOUT DAMSTRA TECHNOLOGY

Damstra's eLearning is a module in Damstra Technology's Enterprise Protection Platform (EPP). This comprehensive platform helps organisations maximize performance, safety, and profitability by orchestrating disparate processes and technologies.



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