

Case Study: Construction Skills Certification Scheme (CSCS)

EPP



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Client Situation

A global project development and construction company with over 40,000 employees needed to reduce accidents, improve worker safety, protect assets, and streamline data management.

Damstra's Enterprise Protection Platform (EPP), with its integration to the Construction Skills Certification Scheme (CSCS), was implemented to streamline employee onboarding and improve supply chain coordination. Leveraging the EPP helped ensure their workers were prepared, workplaces were safe, assets were integrated, and information was easily accessible.

Challenges

Prior to implementing Damstra's EPP, the company was facing the following challenges:

- **Legacy systems**

The need to move from multiple disparate legacy systems with manual data entry, to an integrated platform with the following requirements.

- Ensure workers adhere to a flexible, configurable set of competency definitions
- Deliver customised skills matrix workforce training
- Access control, compliant equipment, and real-time alerts and notifications
- Transform manual work processes, histories, and inspections to digital solutions



Damstra Solution

Damstra's EPP solution integrates key operations within any organisation and supports the CSCS goals. Modules in the platform include:

Workforce Management

- Workers and contractors register online and upload all required certificates, documents, and licences. Requirements are independently verified for compliance. Data integration with CSCS schemes allows compliance and qualification history to be dynamically maintained against a worker's profile.

eLearning

- On-line training courses meet configurable training needs analyses.

Solo

- Workers are monitored for fatigue and wellbeing. Biometric monitoring identifies medical risks. Alerts in high risks zones protect workers and prevent accidents and injury.

Access Control

- Workplaces are equipped, monitored, and managed with access control terminals. Notification alerts easily integrate with alcohol and drug testing.

Safety

- Inspections in the field and onsite observations are recorded through digital forms and instantly updated across the organisation. Worker safety is monitored by ensuring they are licensed to operate assets with required training.

Digital Forms

- Workflows are digitized across the organisation. Data is captured, updated, and integrated on the platform. Customised reporting offers clarity for decision makers.

Outcomes

Since implementing Damstra's EPP, this development and construction company improved organisational performance by integrating CSCS protocols. The global construction company made significant savings on cost and time. Worker safety and asset protection increased. Digital processes reduced operational costs, improved business reporting, and clarified decision making.

Workforce Management

- With clear induction requirements and integration with industry schemes, workers entered the worksite with the appropriate skills, experience, and training.

eLearning

- The cost of training was significantly reduced with online training.

Access Control

- Site safety increased allowing only compliant workers on-site.

Safety

- Fatigue management and alerting ensured that workers were fit-for-duty. Variances were escalated to supervisors for action.

Digital Forms

- Improved consistency and timeliness of vital document utilisation protected workers, the workplace, and assets.

ABOUT DAMSTRA TECHNOLOGY

Damstra's Enterprise Protection Platform (EPP) is a comprehensive solution that helps organisations maximise performance, safety, and profitability by orchestrating across disparate processes and technologies.



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