



**D A M S T R A**  
Protect Your World

**Global construction company harnesses Damstra's Enterprise Protection Platform (EPP) as part of a Digital Transformation journey to protect its people, workplaces, assets and improve knowledge capture**

[www.damstratechnology.com](http://www.damstratechnology.com)





# Overview

A leading global project development and construction group with over 40,000 employees and supply chain, embarks on a digital transformation journey to reduce time lost to accidents, improve worker and asset protection, while enabling the collection and management of improved data.



## Challenge

To move from multiple disparate legacy systems with manual data entry, to an integrated protection platform, allowing workers to be safe at work and improving data capture



## Solution

Damstra's Enterprise Protection Platform (EPP), with its integration to the Construction Skills Certification Scheme (CSCS), was implemented to streamline employee and supply chain onboarding to ensure people are prepared, workplaces are safe, assets are integrated, and information is easily accessible



## Business benefits

Since implementing Damstra's EPP, the global construction company has made significant savings on cost and time, through moving processes to the safety platform, with increased safety & protection. Improved capture of information digitally has reduced operational costs and improved business reporting and decision making





# The challenges faced to achieve increased safety & protection



Ensure workers are competent to attend site by capturing industry cards, qualifications and performing verification check that adhere to a flexible, configurable set of competency definitions



Manage and deliver workforce training by identifying competency gaps and compliance with a per-project customizable skills matrix.



Go from having little control of who is on site at any given moment, and not knowing if they are compliant, to having safe places, with integrated access control, compliant equipment, and real-time alerts and notifications.



Move from manual capture of worker timesheets and daily diaries to a digital solution integrated with gate access control with ability to track rest periods, with proactive fatigue management to improve worker safety and reduce the Loss Time Accident Rate (LTAR)





# The challenges faced to achieve increased safety & protection



Move from a legacy system to digitizing processes across the organization, in to one integrated safety platform to ensure a safe work framework and higher protection.



Go from manual paperwork to digital forms and workflows to ensure one source of truth in one integrated platform with automations to always have the correct data



Move from manual data entry of asset mobilization, and non-verified maintenance history & manual inspections, to digitized asset management to ensure that assets are prepared, compliant, and mobilized. Be able to digitally monitor the licences workers have to operate assets.



# The Damstra EPP Solution



## Prepared People

### Workforce management

- Workers and contractors are able to register online, and upload all required certificates, documents, and licences into Damstra's EPP, which are independently verified for increased safety and compliance before the workers are issued the right of access to the site. Integration with CITB and CSCS schemes allows compliance and qualification history to be recorded and dynamically maintained against a worker's profile.

### Learning

- Inductions and training are now online in Damstra's EPP, with courses assigned to meet a configurable training needs analysis

### Solo Connected worker

- Workers are monitored with Damstra Solo for fatigue and wellbeing with biometrics monitoring to identify fatigue, falls and medical risks and ability to raise alerts in high risks zones in case of accidents and injury



## Safe Places

### Access Control

- Workplaces are equipped, monitored, and managed with integrated access control terminals, with notification alerts, and easily integrated with alcohol and drug testing. Access control is maximized to deliver the greatest performance and safety possible





# The Damstra EPP Solution



**Safe  
Places**

## Health and safety

- Integrated in the EPP inspections in the field and onsite observations are recorded through digital forms and instantly updated across the organization in the EPP.
- The monitoring of workers is managed in the EPP to ensure that they are licensed and cannot operate assets without having the required training.



**Accessible  
information**

## Digital forms

- Workflows and forms are now digitized across the organisation for one source of truth, so that data captured from anywhere is updated across the integrated platform and against employee profiles.
- Report catalogue provides a wealth of reports on each aspect of enterprise protection integrated across people, workplace, assets and information





# Outcomes and business benefits of the EPP implementation



## Prepared People

### Workforce management

- With a clear induction line and integration into industry schemes, workers are ready for work, with the appropriate skills, experience, and training before attending site.

### Learning management

- The cost of administration & training has been significantly reduced with online training saving days-per-week of training and administration.



## Safe Places

### Access Control

- Site safety has increased with integrated access control, allowing only compliant workers onsite, making the workplace a safer place



# Outcomes and business benefits of the EPP implementation



## Connected Assets

### Health and Safety

- Digital forms enhanced the safety and protection of workers due to automations and alerting
- Fatigue management and alerting helps ensure workers are fit-for-duty to access site and exceedances are escalated to supervisors



## Accessible information

### Digital forms

- One source of truth, so that data captured from anywhere is updated across the integrated platform readily available
- Report catalogue provides a wealth of reports on each aspect of enterprise protection integrated across people, workplace, assets and information





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