

# Case Study: Mining EPP



**DAMSTRA**  
CONNECT + PROTECT YOUR WORLD

## Client Situation

With over 40,000 workers and contractors, a global mining conglomerate operating 24/7 needed to provide a consistently safe, protected, and operationally efficient workplace. Their goal was to move from an outdated legacy system with manual data entry to an integrated investment protection platform, like Damstra Technology's Enterprise Protection Platform (EPP). This would lower business risk, connect and protect their existing technology assets, emphasize safety, and encourage a safe, COVID-free workplace.

## Challenges

Prior to implementing Damstra EPP, this large mining corporation was facing the following safety and protection challenges:

- **COVID-19 Protocol**  
The need to identify workers with elevated temperatures so they are unable to return to work until healthy, as well as enable contact tracing.
- **Streamlined Worker Information**  
Previously using a third party, it would take 4-6 weeks to manually register employees and contractors to ensure the company had prepared people with the appropriate skills, experience, and training available to work.
- **Site Control**  
Complete visibility of who is on site at any given moment and knowing if they are compliant to ensure a safe work environment with real-time alerts and notifications.
- **Platform Integration**  
Move from a legacy system to digitizing processes across the organization — in one integrated safety platform — to ensure a safe work framework and higher protection.
- **Automated Workflows**  
The need to move from manual paperwork to digital forms and workflows to ensure one source of truth in an integrated platform with automations for accurate, real-time data.
- **Digitized Asset Management**  
The need to migrate from manual data entry to ensure that assets are prepared, compliant, mobilized, and connected.



## Damstra Solution



Damstra's EPP is designed to automate security, health and safety, training, and contractor management across all the company's operations. This unique platform enables process orchestration across all systems and technologies to optimize results, while letting the mining organization retain and optimally leverage its existing software investments.

### Damstra's EPP helped this mining organization:

- Digitize and automate its processes
- Improve safety and regulatory compliance
- Keep workplaces healthy from COVID-19 by scanning temperatures and enabling facial recognition for contact tracing
- Automate contractor registration, training, and management by systematically attaching all required documents, licenses, and certifications to each worker record
- Automate forms creation and population, and support inspections, incident investigations

## Outcomes

Since implementing Damstra's EPP, the global mining company has made significant cost and time savings and has increased its level of worker protection.



### PREPARED PEOPLE

#### Workforce Management

Eliminated the need for third-party inductions, decreasing the time for contractors to register and be onsite from **4-6 weeks to 24 hours**, plus ensures they have the appropriate skills, experience, and training.

#### Learning Management

With online training, the cost of administration and training has been significantly reduced, **saving 1-2 days per week**.



### SAFE PLACES

#### Access Control

Site safety has increased with integrated access control, verifying workers via card swipe, fingerprints, or facial recognition. In addition, the **risk of site closures** due to COVID-19 — with reputational and financial loss — has dramatically reduced because of automatic temperature detection and real-time alerts.



### CONNECTED ASSETS

#### Digital Forms

Moving to online forms has saved the organization up to 5 minutes per form. With 600,000 forms processed each year, this automation has **saved the mining organization \$5 million per year**.



### ACCESSIBLE INFORMATION

#### Predictive Analytics

Real-time dashboards and analytics track the entire mines information and provides **one source of truth**, so that data captured from anywhere is updated across the integrated platform and is readily available.

## ABOUT DAMSTRA TECHNOLOGY EPP

Damstra's EPP keeps your people prepared and equipped, your workplaces safe and productive, and your assets and information delivering the highest value while protecting your business from unforeseen risk. This comprehensive platform helps you maximize performance, safety, and profitability by enabling you to orchestrate across all your disparate processes and technologies.



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