



D A M S T R A
Protect Your World

**Major global mining company
implemented Damstra's Enterprise
Protection Platform (EPP) to
protect its people, workplaces,
assets, and information in
returning to work safely**

www.damstratechnology.com





Overview

A global mining conglomerate with over 40,000 workers and contractors, operational 24 hours a day, and 7 days a week, and needs to provide a constant safe and protected workplace for people to go and return home safely at the end of their workday.



Challenge

To move from a legacy system with manual data entry, to an integrated investment protection platform, for workers to be safe at work in the current covid-19 environment and to lower fatal risks in an environment



Solution

Damstra's Enterprise Protection Platform (EPP) was chosen to increase protection of investments, safety and productivity and ensure people are prepared, workplaces are safe, assets are integrated, and information is easily accessible



Business benefits

Since implementing Damstra's EPP, the global mining company has made significant savings on cost and time, through moving processes to the safety platform, with increased safety & protection, reducing the risk of site closures, and improving the safety culture





The challenges faced to achieve increased safety & protection



Ensure workers returning to work safely in the current covid-19 environment ensuring workers with elevated temperatures are unable to return to work and alert management to potential exposure and provide triage management and content tracking



Reduce the time it takes of 4-6 weeks using a 3rd party, for workers registering for inductions to being on site, to moving to online registration, to have prepared people with the appropriate skills, experience, and relevant training, ready to work.



Move from onsite visits to virtual reality site visits, with ongoing digital learning pathways for specific job roles, to reduce time and cost of administration, to eliminate the risk of injuries and fatalities



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, integrated temperature detection, compliant equipment, and real-time alerts and notifications.



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 have the correct data at all times



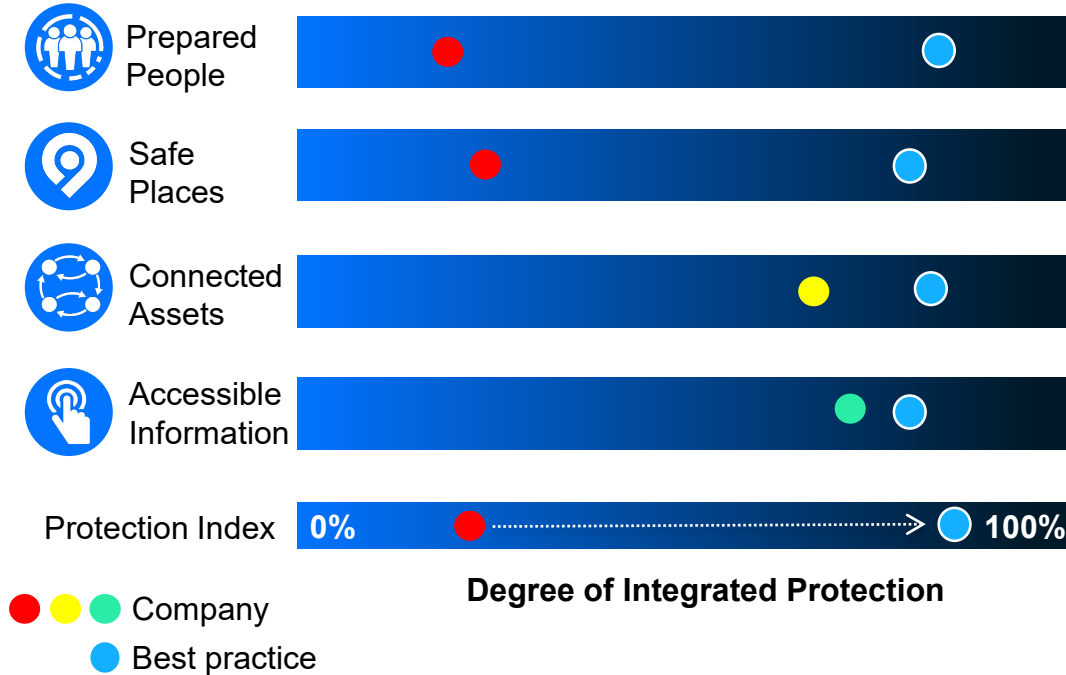
Move from manual data entry of asset mobilization, and non-verified maintenance history & manual inspections, to digitized asset management to ensure that assets are prepared, compliant, mobilized, and connected for greater. Be able to digitally monitor the licenses workers have to operate assets.



Risk assessment identified key areas to increase safety

The Damstra DPI risk assessment highlighted a range of opportunities to reduce risk associated with human resources and safer workplaces

Damstra Protection Index (DPI)





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

Learning and virtual reality

- Inductions and training are now online in Damstra's EPP, and site visits are conducted through virtual reality for increased protection

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, alcohol and drug testing, and integrated temperature detection with alerts and notifications. Access control is maximized to deliver the greatest performance and safety possible





The Damstra EPP Solution



Safe Workplace

Health and Safety

- Integrated in the EPP inspections in the field and onsite 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.
- Solo Drive is used for collision avoidance and detection, and driving behaviour is monitored to increase awareness and foster a zero harm culture.



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

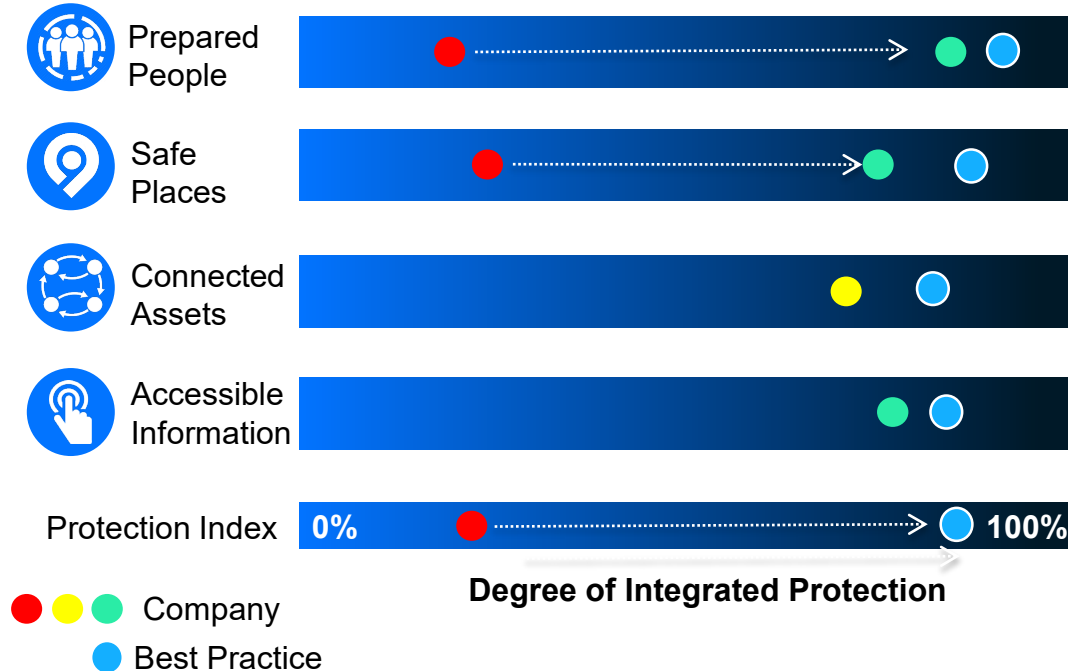


Outcomes and business benefits of the EPP implementation



Since implementing Damstra's EPP, the global mining company has made significant savings of cost and time, with prepared people, safe places, connected assets, and accessible information, and has increased the level of protection dramatically.

Damstra Protection Index (DPI)





Outcomes and business benefits of the EPP implementation



Prepared People

Workforce management

- The need for a 3rd party for inductions has been eliminated, and instead of contractors having 4-6 weeks between registering and then being onsite, there is now a turnaround of 24 hours for workers to be ready for work, with the appropriate skills, experience, and training.

Learning management

- The cost of administration & training has been significantly reduced with online training saving 1-2 days per week of training and administration.

Virtual Reality

- People are further protected with virtual reality site visits, which has led to a zero harm environment due to increased situational awareness of workers



Safe Places

Access Control

- Site safety has increased with integrated access control, allowing only compliant workers onsite, making the workplace a safer place
- The risk of site closures with reputational & financial loss from covid-19, has been dramatically reduced with integrated temperature detection and real-time alerts and notifications for increased protection.





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
- Digital forms saving the organization up to 5 mine per form with 600,000 forms per year this represents an organisational saving of \$5m per year



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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