



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**

www.damstratechnology.com





Overview

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



Challenge

To move from a legacy system with manual entry, to an integrated safety platform, to lower fatal risks in an environment where a low or decreasing fatality rate does not guarantee that fatal risks are being adequately managed.



Solution

Damstra's Enterprise Protection Platform (EPP) was chosen to ensure prepared people, safe places, connected assets, and accessible information.



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



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



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.



The challenges faced to achieve increased safety & protection



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 which takes 1-2 days per week, to eliminate the risk of injuries and fatalities



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



Move from manual data entry of asset mobilization and registration, and non-verified maintenance history & manual inspections, to digitized asset management with digital asset inspection forms to ensure that assets are prepared, compliant, mobilized, and connected for greater performance and lower risk. Be able to digitally monitor the licences workers have to operate assets.



Solution implemented by Damstra



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 management and virtual reality

- Learning management - Inductions and training are now online in Damstra's EPP, and site visits are conducted through virtual reality for increased protection, and workers are monitored with Damstra Solo for fatigue and wellbeing with biometrics monitoring to identify fatigue, falls and medical risks.



Safe workplaces

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.





Solution implemented by Damstra



Connected assets

Asset management

- integrated in the EPP with tracking and tracing, with verified data, and inspections in the field 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

- 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 analytics

- 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.

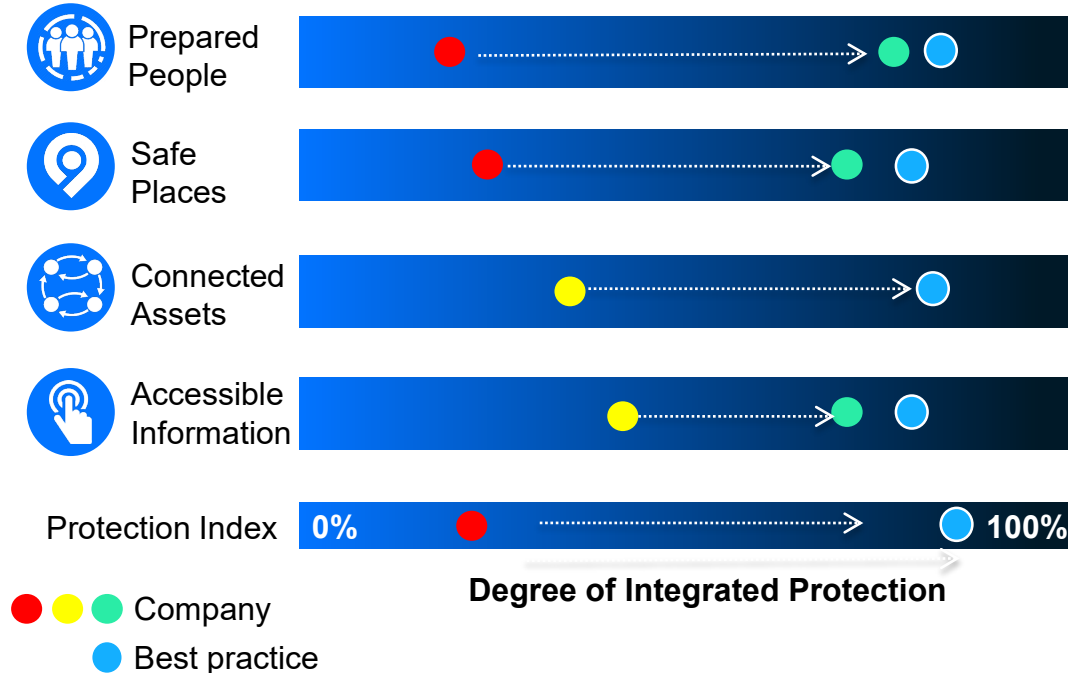




Risk assessment identified key areas to increase safety

The degree of protection of all four areas of risk has increased dramatically since the solutions on the Damstra Enterprise Protection Platform

Damstra Protection Index (DPI)





Business benefits

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.



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.



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



People are further protected with virtual reality site visits, which has lead to a zero harm training environment



Business benefits

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.



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.



Assets are accurately tracked and maintained to ensure safety, and workers are monitored to ensure they are licensed to operate



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