



**D A M S T R A**

Protect Your World

**Major mining company increase  
safety & protection with integrated  
digital forms in the Damstra  
Enterprise Protection Platform**

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





# Overview

A major mining company with thousands of people working across multiple sites was already using Damstra's Prepared People solutions in the Damstra Enterprise Protection Platform and needed to digitize forms and flows to contribute towards prepared people and safe places, as 50,000 forms were being completed per month, which represents 600,000 forms per year.

## Solution

As part of Damstra's EPP, digital forms were chosen to be used in the field across sites, ensuring protection and increased safety, with automatically updated data against workers' profiles ensuring the correct information across the organization for prepared people and safe places.



## Challenge

Go paperless across the organization, and adequately manage safety towards zero harm, in reducing breaches due to incorrect or incomplete data entry, to improving data quality and communication, and saving on time and cost with one source of truth to protect the people and places.



## Business benefits

Massive cost & time savings are being made, and an improved zero harm safety culture with the fully integrated digital forms across the organization.





# The challenges



Move from manual data entry, to digital forms in to the one system for trainers, assessors, and approvers, to cater for both company-wide and site-specific forms in the EPP to reduce errors and the time & cost of administration



Stop manually filing paper forms, to automatically recording all completed forms and attachments against a worker's profile to ensure compliance for safe places with access control



Move from manually filling in forms with the same data, prone to human error, to automatically populating selection lists with data from the EPP to ensure the correct information is used all the time



# The challenges



Ensure forms can be completed offline in case of the lack of connectivity when assessing workers in the field to save time & continuity



Support multiple levels of approvals, locking, and automated notifications to reduce errors and increase safety



Move from no automated progress gates to automated enforced gates to ensure that processes are followed correctly, and conditions are met



# Solution implemented by Damstra



Prepared  
People



Safe  
workplaces

## Damstra Digital Forms

- Damstra's digital forms are fully integrated across the EPP so that assessors and approvers are automatically sent an account setup email to get them started in just a few clicks from any site, anywhere.
- Forms and results are automatically added to a worker's profile showing the right resource is at the right place, at the right time, ready to work.
- Fields in Damstra's digital forms are automatically populated with the relevant information, removing human error, and have automated progress gates to stop assessments if the desired conditions are not met.
- Users are automatically assigned to accounts and worksites, and Damstra's digital forms are automatically restricted to those sites allocated to users in the EPP to reduce costly errors and enhance security
- The mobile app can be used in the field at anytime, anywhere, and the data is automatically synced as soon as there is connectivity, eliminating the risk of data not being recorded correctly
- The digital forms include multiple levels of approvals, each type restricted to defined approvers, and forms are locked until approved, ensuring the right person approves the right form
- Processes now have automated enforced gates that ensure the desired conditions are met, and no shortcuts are made



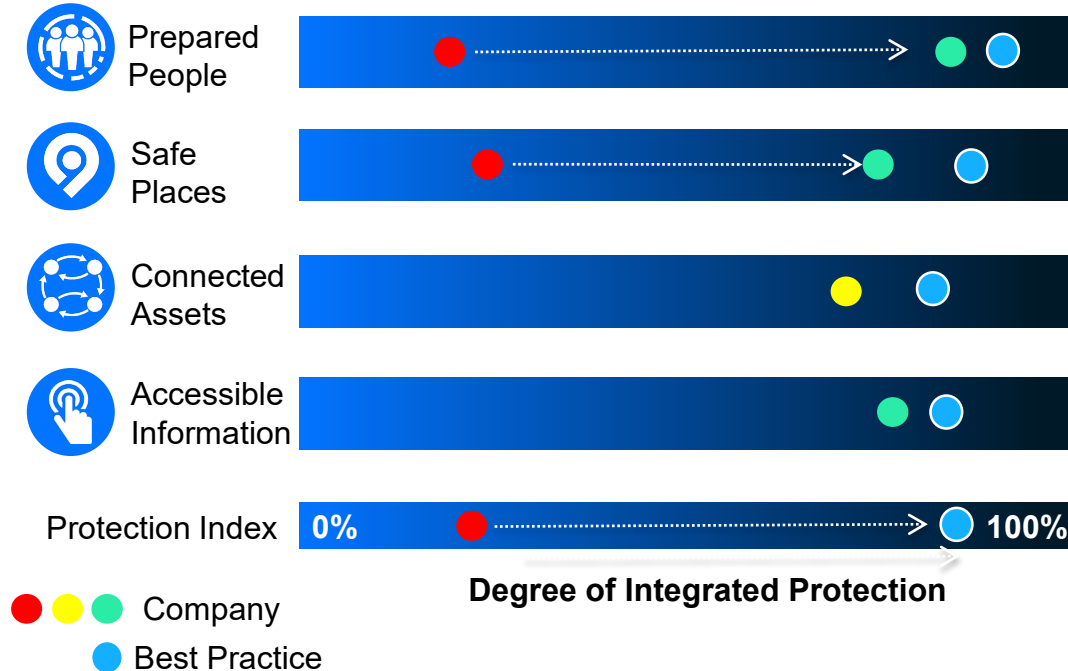


# Outcomes and business benefits of the EPP implementation



The degree of protection of both Prepared People and Safe Places has increased significantly since going paperless with Damsta's digital forms in the EPP

## Damstra Protection Index (DPI)





# Business benefits

The mining company is now totally paperless, with Damstra's digital forms integrated across the organization ensuring compliance for protected people and safe places, and an enhanced safety culture, with the level of protection on the Damstra Protection Index increasing substantially.



Savings of up to 5 minutes manual data entry per form, with 600,000 forms per year – this represents a massive saving of \$5 million per year!



Enhanced safety and protection and reduced risk due to automations



Improved data quality with one source of truth, and inbuilt validations to prevent incorrect data capture.



Improved communications with automated email notifications





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