

# Case Study: Construction Infrastructure

## Workforce Management



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### Client Situation

A major construction company in Australia specialising in civil engineering for roads, rail, tunnelling, and defence projects mobilises a workforce across multiple sites. The firm needed to upgrade from legacy systems to a fully integrated, scalable solution. Management's goal was to satisfy their comprehensive construction management requirements for safety, productivity, and compliance. Damstra's Workforce Management application would protect and connect team members with real-time construction management tools.

### Challenges

Prior to Damstra's Workforce Management solution, this construction company was facing the following construction management challenges:

- **Legacy systems**  
Move from a legacy system to a fully integrated workforce management solution to ensure complete compliance across all projects.
- **Contractor management**  
Improve pre-qualification of all workers for all sites with varying requirements to ensure a compliant site-ready workforce.
- **Time and Attendance**  
Identify workers on-site in real-time.
- **Process improvement**  
Streamline construction prework.
- **Training**  
Reduce time and cost of training.
- **Access control**  
Improve access control at site entry points.
- **Worker health**  
Minimise the risk of illnesses in workplace.
- **Management dashboards**  
Identify action items in real time.



## Damstra Solution

With Damstra's integrated Workforce Management, construction processes were streamlined, learning management moved online, access control improved, workplace health improved, and actionable data was in real time. Damstra's integrated Workforce Management is comprised of six modules:

### Solo

- Solo let the construction company gain full visibility into its workforce safety, and protect, connect, and inform teams and workers while creating a safer work environment. Solo is available on mobile and with the latest wearable smartwatch technology with alerts and notifications, geofencing zones, check-ins, panic alerts, and fall and collision detection.

### Online Supplier Registration

- Contracting companies register online and upload all the information required to verify

and approve a supplier. Damstra's Supplier Registration module is completely configurable to meet specific requirements.

### Online Worker Registration

- Workers upload all the documentation required to verify and approve a worker. This includes passport, driver's license, first aid certificate, qualifications, photos.

### Independent Verification

- Damstra independently verifies all documents and certifications provided by contracting companies, suppliers, and workers

to ensure skills and competency requirements are satisfied.

### Online Induction Management

- Damstra's online induction module creates and delivers online induction training courses and site inductions for employees and contractors. The module can be customised to site induction requirements.

### Time & Attendance

- Site access cards are issued allowing only compliant workers to the site.

### Workforce Management helped this construction company:

- Streamline pre-qualification of contractors with online registration by uploading all required documents and certificates
- Integrate time and attendance with critical real-time information
- Identify workers onsite for specific skills
- Develop consistent online training modules
- Comply with access control requirements
- Identify and alert key team members of worker health risks
- Achieve real-time actionable dashboards on safety, compliance, and efficiencies.

## Outcomes

- Eliminated the risk of non-compliant contractors onsite through online pre-qualifications, independent verifications, and online inductions
- Achieved real-time visibility to workers for safety and their required skills
- Increased time savings and reduced cost of training through digital online learning
- Heightened security with integrated access control at all entry points
- Reduced the risk of site closure from COVID-19 with temperature detection
- Improved required safety and compliance data dashboards

### ABOUT DAMSTRA TECHNOLOGY

Damstra's Workforce Management solution keeps workers productive, safe, and compliant. This solution is a module in Damstra Technology's Enterprise Protection Platform (EPP). This comprehensive platform helps maximise performance, safety, and profitability by orchestrating disparate processes and technologies.



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