

Time-saving safety

Time-saving safety with Downer on the Newcastle Light Rail Project

- Competency Management service to collect data on worker skills and qualifications from a single system
- Induction and Learning Management service to cut time-consuming classroom inductions.
- Site Access service to monitor login and out times, reconciling timesheets and managing evacuations and fatigue



Working with Pegasus

“I’d check Pegasus two to three times a day. It became single source of truth for workers and safety on the project.”

Gavin Peebles,
Zero Harm Safety Advisor,
Downer

The Challenge

Downer, one of the largest engineering and infrastructure business in Australia, was awarded the contract to construct Newcastle Light Rail system, running from Newcastle Interchange through the central business district to Pacific Park.

Major construction started in September 2017 and the line was opened on 17 February 2019.

With the awarding of such a large contract, Downer needed a way to keep track of their employees and around **3,000 contractors** working on the project.

Downer knew from their experience on other large-scale projects that what they needed to keep their workforce safe during construction was complete insight into the competency of each worker – to collect and have verified their licences, work tickets, and training, and to implement a site access solution to know where each worker was each day.

SETTING AND MEETING STANDARDS

On a complex and high-risk site, it was vital to have one source of truth to mandate the standards expected of each worker.

With the skills and qualifications of each worker set and checked in the Pegasus solution, site access was only granted to those who had proven they were competent in their role for Downer. No compliance, no access.

And while logging in and out of site via logpoint kiosks each day was learning curve for some contractors, it was vitally important from Downer's perspective for managing safety and risk.

"We had plenty of toolbox talks about how important that was," said Gavin. "That's how we knew who was on site and what they were doing."

Mandatory alcoholiser breath testing was also implemented at logpoints, with anyone returning a positive result denied site access and an alert was sent from the system.

TIME AND RESOURCES SAVED ONLINE

Transforming their training into a portable online induction has saved Downer time and money, as every worker completed inductions in their own time from any location.

"Our corporate induction could take an hour, the site induction two," said Gavin, "we would run the induction for one worker or 20, so it took us the same amount of time but the volume wasn't necessarily there; nothing compared to online."

With the online training requirement tied to worker compliance, no-one could login at logpoints on the Newcastle Light Rail construction site without having first completed important safety training.

SUPPORT AND EXPERIENCE

Downer got the support they needed from the construction solution experts at Pegasus, setting and enforcing standards of skill and training across a workforce of thousands on the Newcastle Light Rail system.

Everything Downer needed to manage rail and construction workers was fast to find and easy to view, empowering Darren and the team to focus on what mattered – delivering a world-class transport solution to the city of Newcastle.

The Solution

Having worked with Pegasus on previous projects, Downer chose to again meet the challenges of worker competency management, online training, and site access control in our construction solution, which supports clients including Lendlease, John Holland and McConnell Dowell.

"I know the Pegasus system well and it's used on other Downer projects. We see the value and time saving benefits." said Gavin Peebles, Zero Harm Safety Advisor.

Newcastle light rail *fast facts*:

TIME TO CONSTRUCT: **2 YEARS**

Capacity of each tram:

Potential passengers:
1,200
PER HOUR



Services running: every **7.5 mins** in peak times

Talk to us today about how **Pegasus can help you set and mandate strict standards** of skills and safety on your sites and projects

Call 1300 441 433 or
email: info@pegasus.net.au

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