Case Study

Major US private school streamlines access control with facial scanning and temperature sensing
• With restrictions being eased from the Covid-19 pandemic, a major private school in the US was looking for an access control solution to reduce the likelihood of transmitting the virus across their school campus.

• With 700 students from Kindergarten to the all girls High School, it was essential to be able to control access, and manage temperature sensing data, while keeping the smooth running of the school on a daily basis to avoid closure.

• Damstra’s innovative facial scanning and temperature detection solution was chosen and implemented rapidly with great success across the campus.
The challenge

The key requirements

- Controlling access to the premises at all entry points
- Verification of all staff and student identity
- Systematic elevated temperature detection with real-time results
- Instant alerts if an elevated temperature detected to stop the potential virus being spread

The challenge was to be able to rapidly implement the solution, to allow education on the campus to resume with nearly 700 students of all ages arriving on the large campus daily.

To enforce access control and to carry out systematic staff and student facial scanning and elevated temperature detection, each entry point of the campus needed to have controls, and an alert system set up, while still allowing for the smooth flow of staff and students entering the premises.
Solution

- Damstra’s facial scanning and elevated temperature detection solution for access control was rapidly implemented, with a total of 9 standalone thermal sensors, equipped with facial scanning technology to rapidly scan for identification, and to sense the person’s temperature.

- These were installed on all entry and exit points across the campus, and allow for each person to be scanned and identified immediately, allowing for a smooth flow of people entering the premises.
Solution

• Each person is scanned on a daily basis upon entering the school, and their temperature reading is recorded against their Damstra profile.

• Alerts are triggered in real-time to key staff members by sms or email if anyone with an elevated temperature is detected, so action may be taken immediately.
Since implementing Damstra’s facial scanning and temperature sensing solution, the school has been able to systematically control access to the school, avoiding classes being cancelled and the eventual closure of the school.

The business benefits for the school of having implemented Damstra’s solution are:

- No reputational loss due to potential school closure
- No financial loss due to potential school closure
- Increased compliance to school policies
- Increased productivity due to automated temperature sensing solution in place
First established in 2002, Damstra is an Australian-based provider of workplace management solutions globally to all industries where health and safety is a must.

8 countries
>350 blue-chip clients
>330,000 users
>2.3m hours in time & attendance per month
>160,000 blood alcohol readings every month
Our Value Proposition

- Increasing pace of digitalisation is driving technology-driven performance improvements of organisations.
- Enabling business transformation from pen and paper to a digital, SaaS-based platform to manage compliance, risk, health and safety.
- Integrated solution for workforce, asset, learning and HSE management aligned with access control systems.
- Providing real-time alerts, insights, tracking of compliance metrics, performance and efficiency measures.
- Reducing operational costs, increasing productivity and enhancing compliance & safety.
Damstra’s Product Suite

Digital solutions for the connected workplace

Managing workplaces safer and more efficiently through people-centric technologies

WORKPLACE MANAGEMENT PLATFORM
- World leading cloud based workplace management platform to track, manage and protect your workers and assets

ALL-IN-ONE INTEGRATED SOLUTION
- An all in one, integrated solution to manage your workforce, assets, site access, learning and HSE compliance

DASHBOARDS, ALERTS, ANALYTICS
- With real-time dashboards and predictive analytics to drive innovation in safety, compliance and efficiency.
Blue-chip client base across industries where health and safety is of utmost importance
More than a Technology Provider

Partnering with our clients is at the core of what we do.

- Founded in 2000 and today a global organisation
- Innovative, best-in-breed software solutions
- Digital platforms, designed and configured to meet client needs
- Value-driven, intrinsically motivated & committed team
- Dedicated to creating safe environments for our clients
- Supported by an extensive network of partners