Rapid
+
Nirovision

# Overview

**Rapid Global Global + Nirovision is the ultimate solution for ensuring that only authorised personnel can access your site.**

In most workplaces, there are several entry points for both people and vehicles. This often requires a full-time employee to physically manage access and check contractor IDs, or the use of swipe cards or traditional keys to unlock doors, gates or turnstiles. These processes can be costly and require ongoing servicing and administration.

With Rapid Global + Nirovision, managing access is much simpler and secure. Our solution uses cameras at key checkpoints, such as boom gates, doors, or turnstiles, to automatically identify people and vehicles and check their compliance within Rapid Global. If authorised, access is granted in less than a second.

We call our solution "AI Checkpoints," which uses a combination of Australian-owned and developed license plate recognition and/or face authentication technology to provide a smarter, safer, and more secure way to ensure site-wide compliance.

# AI Checkpoints

## PEDESTRIAN ACCESS

Works with any IP camera. Workers simply glance up at the camera on approach and are automatically identified.

Person ID → Compliant → Checked in

Access granted

# AI Checkpoints

## VEHICLE ACCESS

You can use both license plate recognition and/or face authentication to automate vehicle access. Both options work with any IP camera.

Person ID → Vehicle ID → Compliant

Checked in → Access granted

Pedestrian turnstile with IP camera

Vehicle lane with cameras for LPR and driver identification

Rapid

## Compliance Management

Nirovision

## AI Checkpoints

22 June

Contractor company approved

24 June

Contractor inducted

30 June

Drivers license uploaded

Today

Contractor identified

Compliance checked

Contractor signed in

Access granted

> “Staff prefer the quick facial recognition check-in. One of the most flexible, versatile systems I’ve encountered”



**Jamie S**
BUSINESS SYSTEMS MANAGER, MONFORD

MONFORD

## Contractor

No induction or photo

Denied

## Scan QR

Action required

## Actions

Induction

Photo

Compliant

## AI Checkpoint

Compliant

- Checked in
- Access granted
- Event logged

Not compliant

## Unknown

Not registered

Denied

## Scan QR

Not compliant

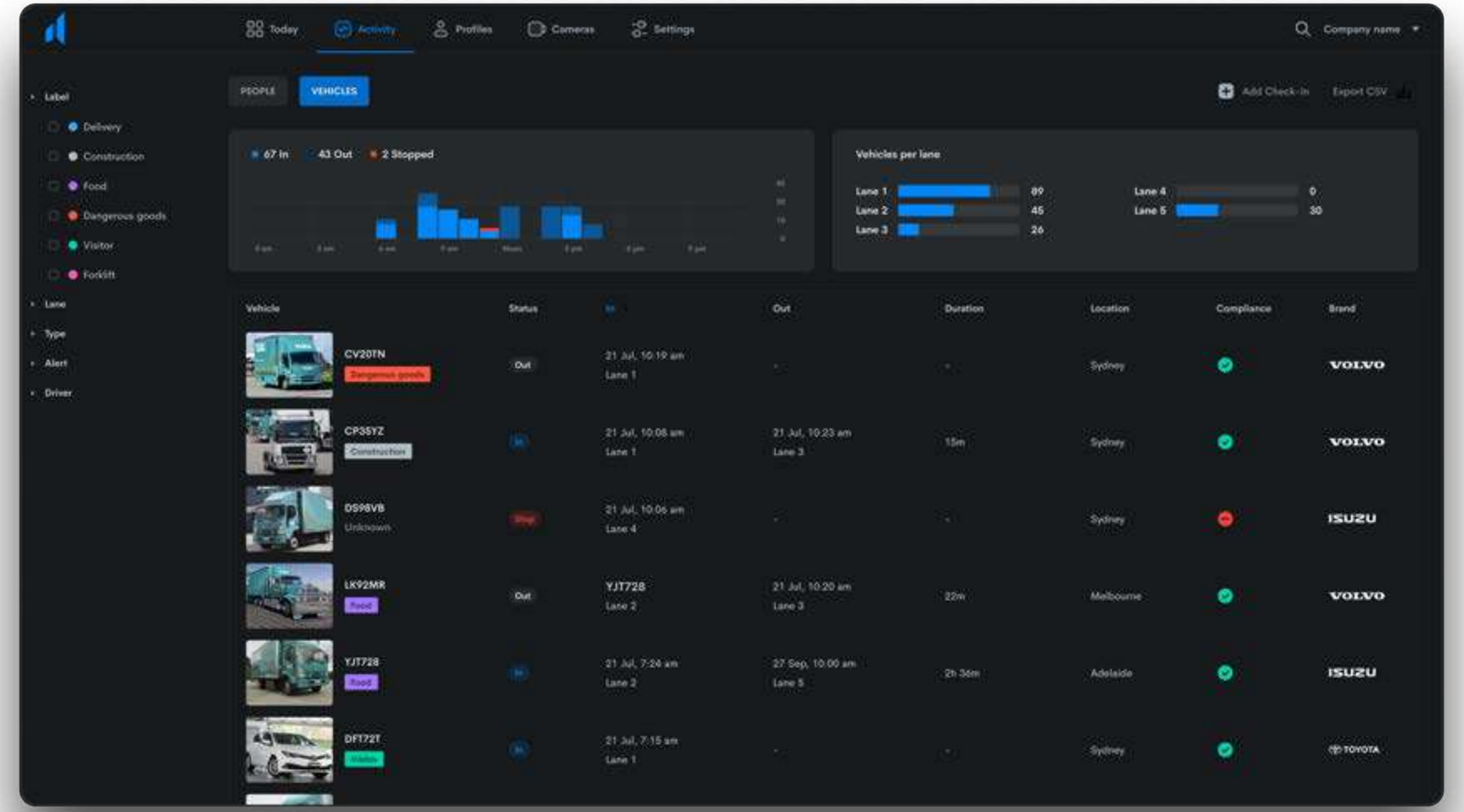
## AI Checkpoint

Not compliant

- Stopped
- Access denied
- Event logged

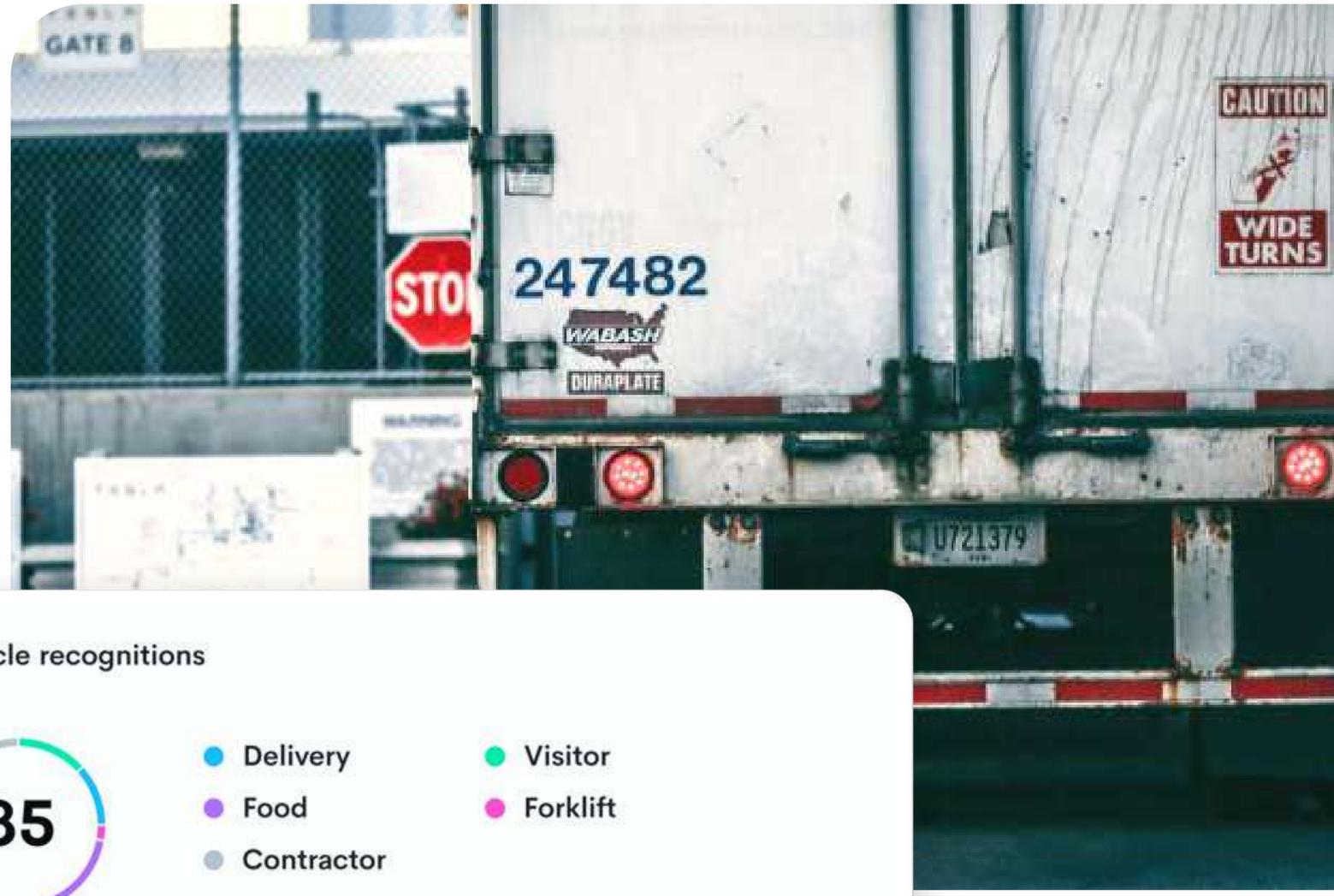
# Web and mobile app

All the sign in data from the people and vehicles accessing your site is viewable within the Rapid Global portal. Nirovision also offers an additional web and mobile app for admins to view insights and receive notifications.



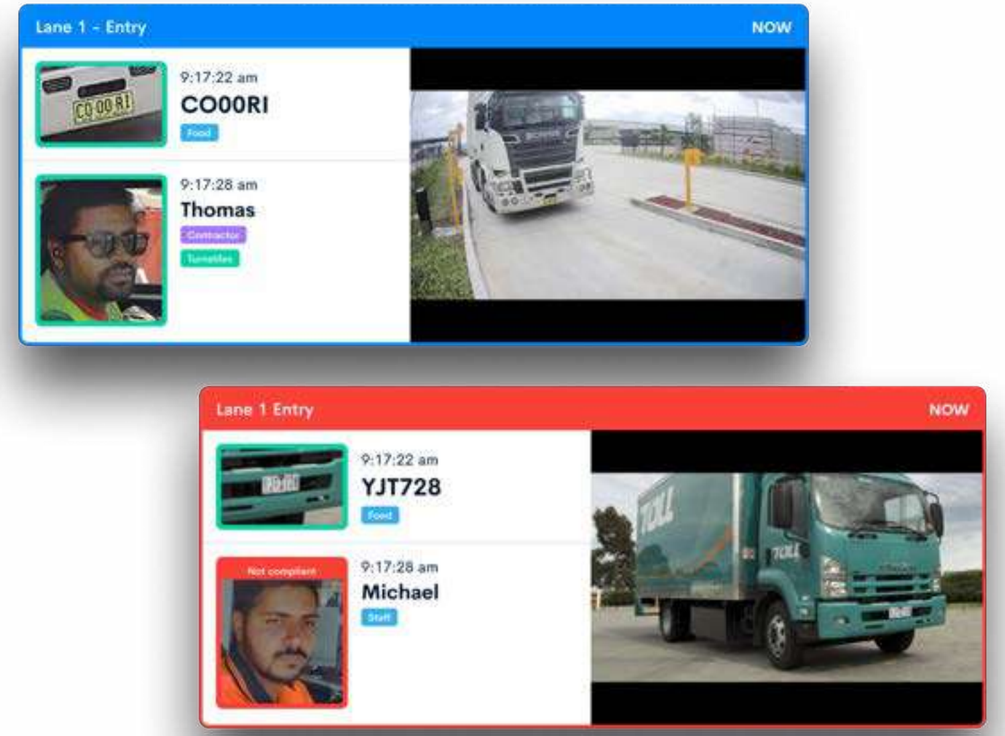
# Improve supply chain reporting

Capture a digital record of all the vehicles that come onsite along with dwell times to help your procurement team with supply chain and vendor performance and reporting.




Vehicle recognitions

- Delivery
- Visitor
- Food
- Forklift
- Contractor



# Get real-time monitoring

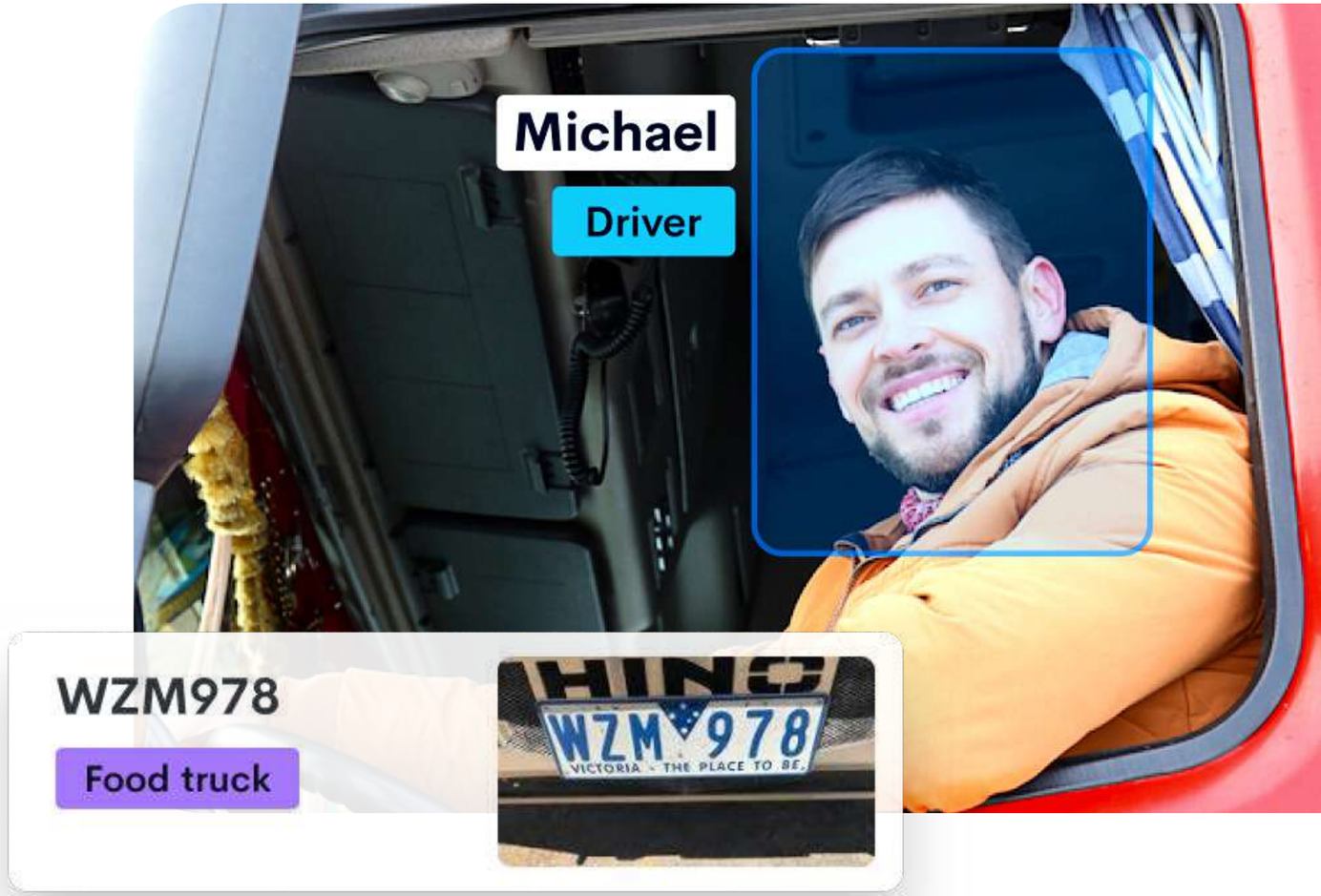
Quickly see at a glance the activity today such as how many people are currently onsite and current activity at each checkpoint including who has been stopped.

# Receive custom alerts

Set up alarms to know when a vehicle is stopped for any reason so you can act quickly and minimise any entry delays.

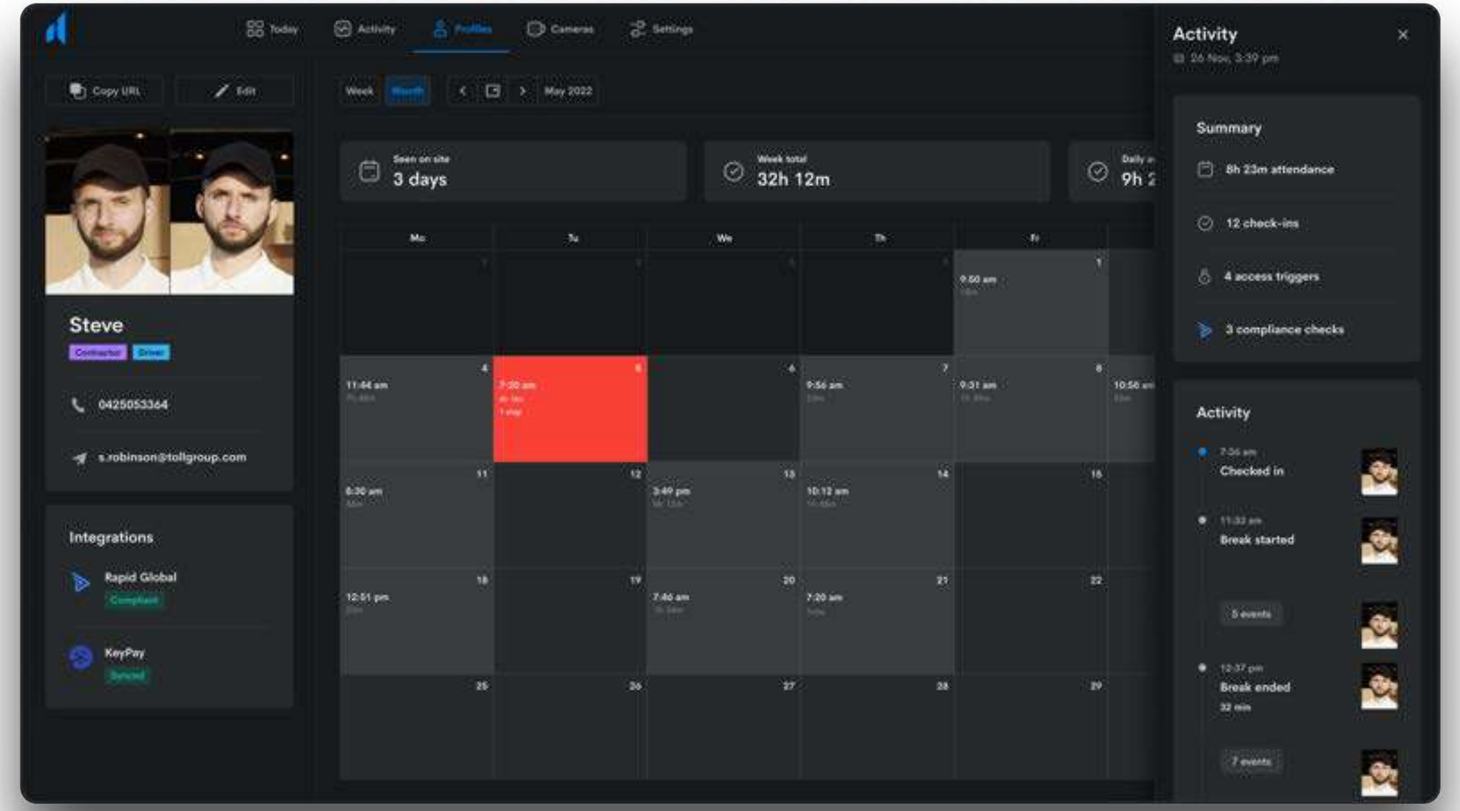
# Enhance site security

Unlike swipe cards and pin codes which can be shared, signing in with face authentication is much more secure as it relies on the person being physically present to access. You also get a visual record of everyone that has entered. This reduces the chance of a security breach.



# View time and attendance

Get a complete, clear picture of attendance with timesheets and total hours auto calculated for you. With the auto creation of timesheets, you can easily export a CSV or auto sync attendance data directly into payroll.

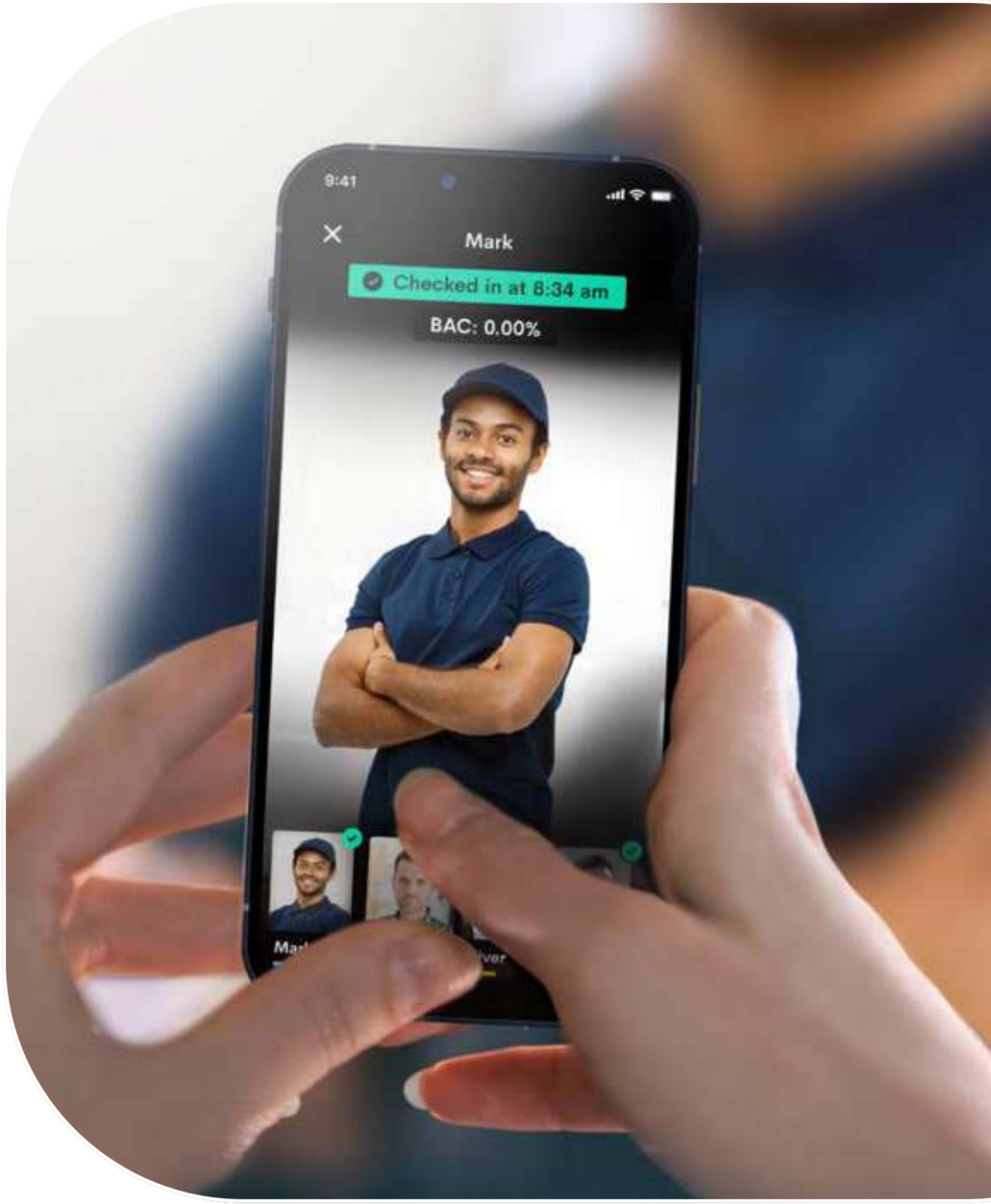


# Check compliance on-the-spot

Allow on-the-ground managers responsible for security and site safety, to easily identify someone on the spot.

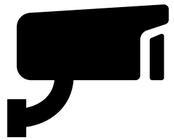
Immediately know if the person signed in onsite, is inducted and compliant.

You can also start an evacuation from the Nirovision mobile app to bring up a list of everyone onsite and then mark people as safe with a Spot Check.



# Hardware

AI Checkpoints relies on strategically placed IP cameras and integrations with access control devices. We have integrators that can help source and install the hardware or we can work with your existing integrator. If you need more information including hardware specs, please contact us.

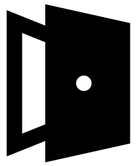


## IP Cameras

We integrate with most IP cameras that have an RTSP stream. ONVIF cameras are preferred but not necessary.

## Server

A dedicated server onsite is required to run our software. This receives and stores video streams, performs AI inferencing and sends results to the cloud.



## Access devices

We integrate natively with access control devices or can use bluetooth or ethernet relay devices as a connector to open boom gates, doors or turnstiles.

# Data privacy and security

We adhere to the Australian Privacy Principles (APPs) contained in the Privacy Act 1988 (Cth) (Privacy Act) and to the extent applicable, the EU General Data Protection Regulation (GDPR). Find more information in our Data Security policy.

Nirovision leverages world-class technology partners that meet the strictest compliance standards.

- All client data is stored and encrypted in disparate cloud systems, built on the Asia Pacific (Sydney) region of the AWS (Amazon Web Services) platform.
- Our authentication partner is Auth0, an industry-leading identity management platform. Nirovision offers RS256 signed JWTs for authentication via Auth0, in line with OIDC compliance.

Nirovision applications are accessed via HTTPS using Transport Layer Security (TLS) encryption.

Nirovision utilises multiple layers of security controls (software, physical and process based) to protect client data.

Rapid + Nirovision

## Safer

- On-site compliance enforced
- Reduced incidents
- AI Evacs

## Smarter

- 24/7 efficiency
- Vehicle dwell time reduced
- Cost and time savings
- Insights and reports

## Secure

- No pass sharing
- Attendance logs
- AI watch list
- AI Spot checks

# Contact us

Want to see what Rapid Global + Nirovision can do for your workplace? Let's chat.

p: 1800 307 595

e: sales@rapidglobal.com