

Cutting through the noise  
and doing business smarter for

## DriveRisk

DriveRisk employees had been able to work remotely during the national lockdown, but head office needed to be fully compliant with COVID regulations before people could start returning to the office under Level 4 regulations. Installation of thermal cameras at its head office helped mitigate the risk of the spread of infection, with contactless fever screening technology.

# DriveRisk stays safe with thermal camera solution

## EXISTING ENVIRONMENT

### DRIVERISK

DriveRisk is one of South Africa's leading driver behaviour management companies, providing risk identifying information, coupled with behaviour changing solutions and preventative forecasting. It uses data collected by a range of solutions, including video event recorders, on-road caller reports, and other Telematics based solutions, to provide fleet managers with predictive analytics and effective coaching tools that protect their drivers and assets.



## THE CHALLENGE

### SAFETY AND COMPLIANCE

DriveRisk's 100-strong staff complement had been able to work remotely during the national lockdown in 2020, but the head office needed to be fully compliant with COVID regulations before people could start returning to the office under Level 4 regulations.

This included the ability to screen anyone entering the premises for signs of the COVID virus. Since one of the earliest symptoms is an elevated fever, the most effective screen is to take the temperature of any person walking into the head office building.

According to Itec Evolve's Sales Director, Nick East, thermal technology has been in use ever since airports around the world adopted it during the 2003 severe acute respiratory syndrome (SARS) epidemic, but the technology has improved exponentially since then to provide 'incredibly accurate' feedback.

*"Since the start of the pandemic, we've been inundated with enquiries around solutions like thermal technology and video conferencing, which allow companies to keep their employees and customers safe during this time." (Nick East, Itec Evolve Sales Director)*



## DIGITAL TRANSFORMATION AT COST-EFFECTIVE SCALE

Benoni-based driver behaviour management company DriveRisk has become one of the latest companies to install thermal cameras at its head office as it looks to protect its employees from the spread of the COVID-19 virus without affecting its operations.

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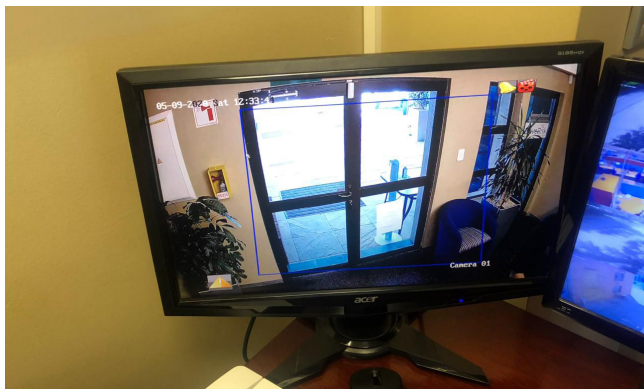
THE SOLUTION

# WALL-MOUNTED THERMAL CAMERA

Itec Evolve worked with DriveRisk to install thermal cameras at its head office, ensuring the protection of its employees from the spread of the COVID-19 virus without affecting its operations.

Itec Evolve installed the solution within four days of the order. It continues to screen all employees with no human contact, flag any abnormalities with an alarm, and provide a full audit and tracking log of every person entering the building.

DriveRisk's thermal screening solution uses a Hikvision wall-mounted thermal camera, with DVR and temperature screening, at the company's front desk. It displays and detects critical temperature elevations in real time, and sends out an alert when it identifies an individual with a raised temperature.



KEY FACTORS AND FUTURE

# SAFE, EFFICIENT TEMPERATURE SCREENING

**SAFER**

Non-contact measurement to avoid physical contact.

**FASTER**

One second per person for skin-surface temperature detection.

**SMARTER**

- AI technology ensures thermographic cameras only detect human skin-surface temperature to reduce false alarms of other heat sources.
- Compensation algorithm ensures the temperature is compensated with ambient temperature and the distance of the measured target for better accuracy.
- Thermal technology has been applied widely in temperature screening scenarios as it offers more flexibility and efficiency in preliminary screening of elevated skin-surface temperatures.

We've had a working relationship with Itec Evolve on the managed print services side for around 18 months, and we've always been impressed with their professionalism and quick, proactive service. But they really knocked this job out of the park: we ordered the solution on a Tuesday, and by Saturday it was fully installed and up and running.

- Sean Swart, DriveRisk Chief Operating Officer