



# G2k Fever Detection & Queue Management Solution Overview

Solution Number: TDSOL-186

## Solution Overview

Retail stores and shopping malls deal with several challenges. How to provide security, both for the store and other customers? How to set up facilities and shops to offer the best experience?

G2K's Parsifal Platform can help you get a grip on complicated situations like this. Powered by AI, Parsifal recognises patterns and instances as they happen.

While crucial for security purposes, Parsifal also gathers essential insights on the flow and behaviour of your customers. This information can guide you in tailoring their experience.

The Parsifal platform is perfectly suited to identify and contain the threat of infection spread in public spaces, the platform generally services to provide actionable insight into spaces allows operators to manage their environments intelligently.

## Customer Challenges

Recent pandemic events have become a worldwide menace to the way we live. G2K have developed a holistic Application Suite that can help overcome this crisis and allow for a sustained return to public life.

Space operators need to be able to identify and manage congestion in order to support shoppers in maintaining a healthy distance. They also need to be able to identify shoppers that aren't taking the correct precautions, such as wearing protective masks and they also need to be able to identify the demographic of shoppers at certain times to ensure vulnerable and elderly shoppers are being given the opportunity to go about their business safely and unhindered.



## Features and Benefits

### Body Temperature Screening

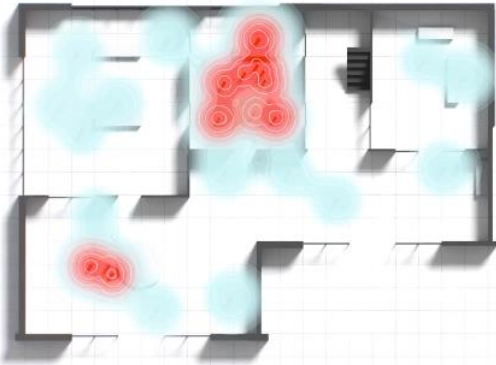
The measurement of body temperature is an important vital parameter, which in any case belongs to the triage of acute diseases. Fever is one of the most common corona symptoms.

### Mask Detection

In order to check the compliance with the face mask obligation fully automatically, our system monitors visitors entering your building contact-free by camera for the presence of a face mask.

### People Counting & Entry System

G2K's Parsifal platform enables technical monitoring of capacity limits with sensors or cameras to avoid queues or crowds in certain areas. In addition, G2K offers solutions to automate the entrance admission by integrating electronic gates or digital signage



## Customer analysis

Parsifal can recognise the gender and age of your visitors, providing important demographic insights while conforming to the highest data security.

By providing you with heat maps of your visitors' flow you will be able to optimise their experience in terms of facilities or shopping.

And Parsifal's queue solution can minimise frustration with smart throughput management. For your parking areas we have a particularly nifty solution in store: Parsifal can parse the registration plates of all vehicles, giving you precious insights on where you customers are coming from. And by recognising the car brands it can even estimate their spending power.

## Security Management

When catering to customers the best security is thorough – but invisible. An array of store detectives may bring down theft, but it will likely bring down the atmosphere, too. By contrast a decent number of cameras, combined with our AI system, can detect – and even predict – criminal activity imperceptibly.

If an accident should happen anywhere to the premises or somebody is crying for help, Parsifal will recognise it instantly, allowing for swift action.

And combined with advanced virtual perimeters the system has precise knowledge of specific places and the people in them. If someone enters a no-go area an alarm is triggered right then and there.

## Advanced Access Control

The Parsifal platform offers nuanced facial recognition features that respect your customers' privacy: it does not store any facial information beyond matching it with your database of flagged customers.

If someone has been banned from entering the premises Parsifal will detect their faces and alert security. Conversely if a VIP enters the building Parsifal will point them out.

## How Can Tech Data Help?

Tech Data has invested in a depth of resource to support IoT opportunity across EMEA and is able to support its value-added reseller customer in the following areas:

- End Customer solution positioning
- Opportunity Qualification
- Pre-Sales Solution positioning and design
- Business Outcome planning.
- Commercial Support

## Next Steps

If you believe you have an opportunity or customer you believe is well suited to this solution or would simply like more information. Contact your local Tech Data account manager and we will ensure our dedicated IoT team supports your requirements.

## About Tech Data

Tech Data connects the world with the power of technology. Our end-to-end portfolio of products, services and solutions, highly specialised skills, and expertise in next-generation technologies enable channel partners to bring to market the products and solutions the world needs to connect, grow and advance. Tech Data is ranked No. 107 on the Fortune 500® and has been named one of Fortune's "World's Most Admired Companies" for eight straight years. To find out more, visit [www.techdata.com](http://www.techdata.com) or follow us on Twitter, LinkedIn, and Facebook.