

# Gate-0

## A MULTIFUNCTION SECURITY GATE SCANNING SYSTEM for AIRPORTS AND PUBLIC SPACES

**Gate-0** system is designed to detect virus via scanning the human body surface (with IR camera) when a person walks into the gate.

### USE-CASE

**1.** A person goes through the portal and the IR-camera scans his/her body temperature

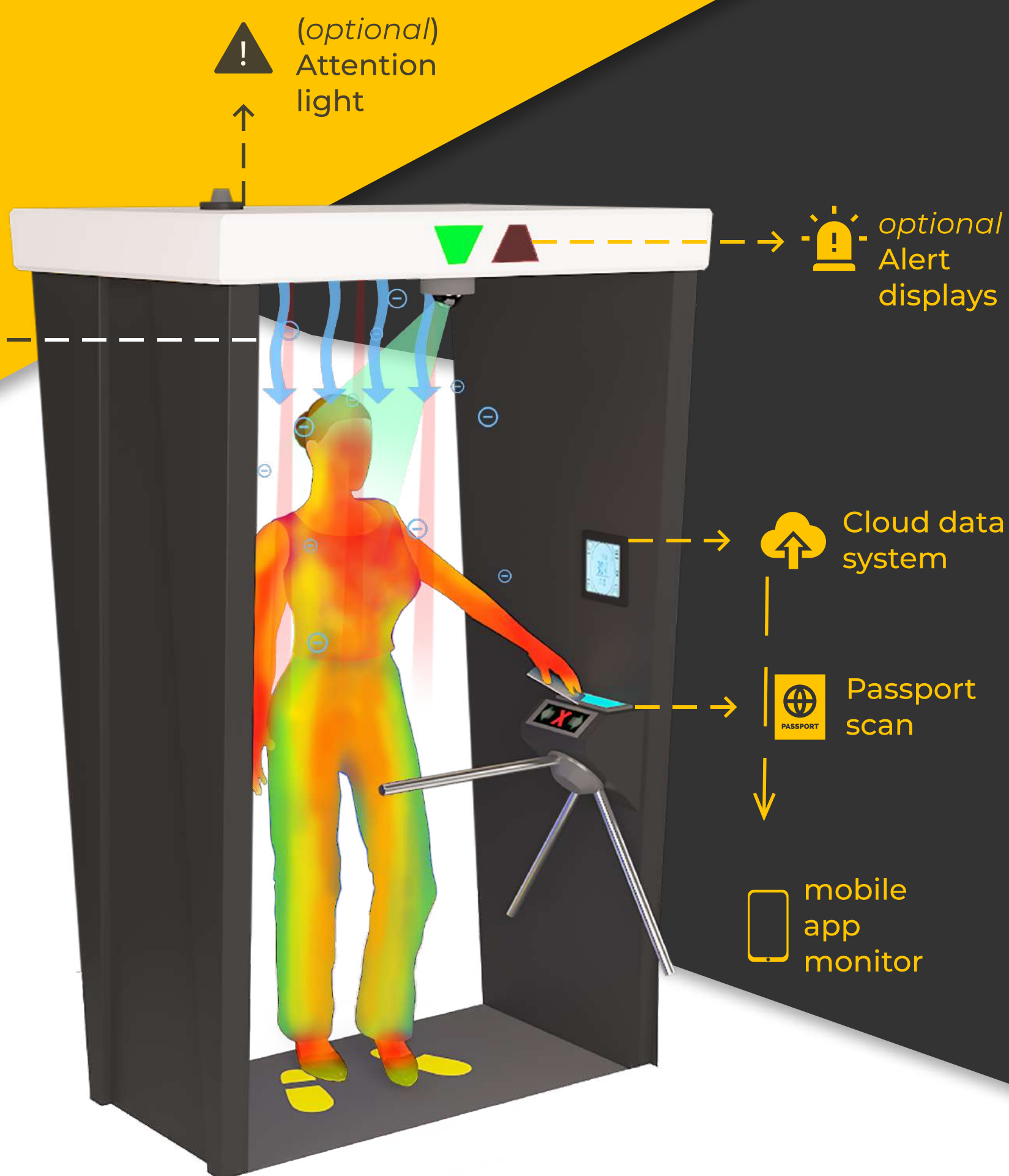
**2.1** The person also scans his ID/passport which is being sent to a cloud server

**2.2** A security person has a mobile application with all the ID and scan data displayed

**3.** A person can pass the turn gate when a security person lets him in (alternatively, a flash light can indicate potential hazard)

### WHY GATE|0?

- Perfectly suits for crowded places (airports, railway stations, shopping malls, etc)
- No need additional assistance - staff will be distanced from potentially infected people
- Online alerts for the gate administrator / security - all data is stored in a Cloud server
- Helps to recognize people with virus symptoms in advance



### KEY FEATURES

- Inside the gate, a person goes through ionized + UV-treated air flows with a sanitized effect
- On top of the gate, there can be a special secure attention light. OR A MOBILE APP with the scan status
- A person ID card (passport) scan both regular and biometric helps to proceed with the procedure easily and track the infected ones. All the gate elements were designed and created by EnCata

# TEAM



**DR. PETER DUDIN**  
**MANAGING DIRECTOR**

Peter has 15 years of experience in innovation development and finance and is driving EnCata's international growth. With a PhD (chemistry and nanotechnology) from the UK's Warwick University, Peter is an experienced specialist and a sought after speaker at conferences throughout the world. His multidisciplinary experience in finance, engineering and technology transfer give Peter the skill to quickly assess the needs and capabilities of innovative projects.



**OLEG KONDRASHOV**  
**CEO**

Oleg founded EnCata and has grown it from a small R&D facility to Eastern Europe's premier engineering services company, with 200+ engineers and a fully equipped factory. Oleg has a MSc degree in physics (optics and lasers) and has been the pioneer in bringing lean manufacturing techniques to Belarus and the region. In 2016, he was awarded the title of Minsk/Belarus "Person of the Year" in industrial innovation.



[www.encata.net](http://www.encata.net)

## One-stop R&D Center for design and manufacturing

- 150+ employees, (70% are design and software engineers)

» mechanical engineering

» manufacturing engineering

» electrical engineering

» software engineering

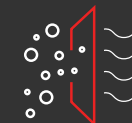
- Working with IoT and Deep-tech Hardware & Software projects
- Own 8000 sq.ft. advanced manufacturing workshop with a large array of professional CNC machinery for batch- and volume production
- Cross-disciplinnary expertise and a long track-record in working with IoT, hardware and software startups

**CONTACT: PD@ENCATA.NET**



**MICHAEL TAVIS**  
**MANAGING PARTNER**

Mike manages EnCata's growing business in North America. He has a BA from Dartmouth College and MPA from Princeton University. After a 10 year finance and business development career in New York with Exxon, Seagram's and Citicorp Securities, Mike began an Eastern European Odyssey in Russia, Latvia, Estonia and Belarus; first managing a \$300 million private equity fund before founding, investing in and managing a series of manufacturing companies. He is excited to be EnCata's US partner and has recently moved back to the US to manage operations in N.America



Air filtration and purification



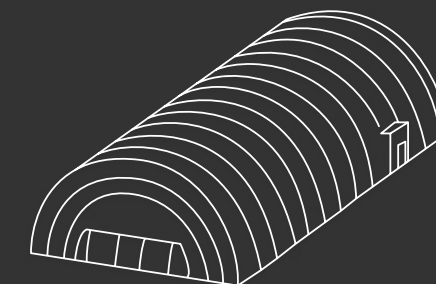
Medical devices



IoT devices



Deep-tech



Inflatable hospitals, tents and offices up to 100 000 sq.ft