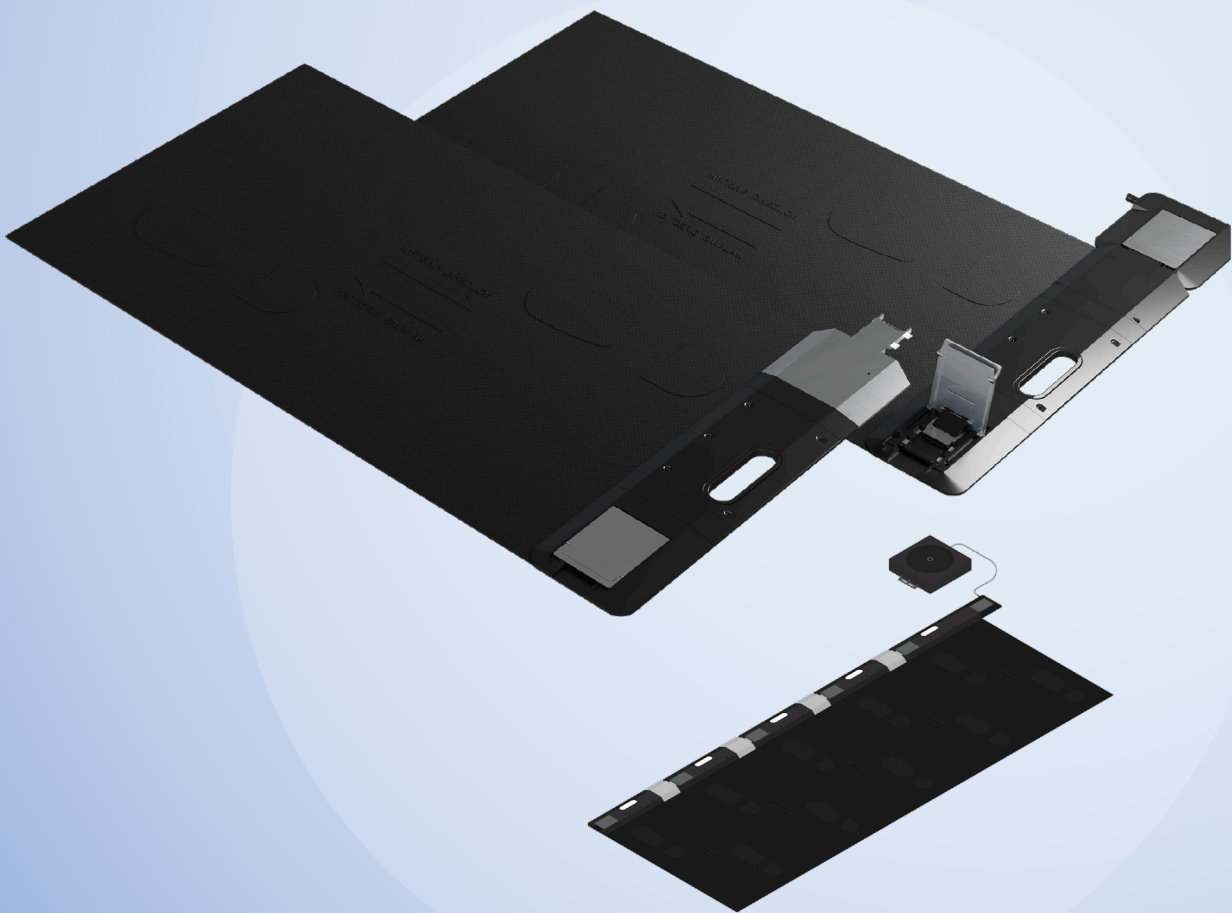


# Counting mats

The most flexible turnkey counting solution

- VERSION 2.0 -



# A reliable and modular security asset

The Mat 2.0 system is the only versatile, modular, state-of-the-art solution designed to meet the challenge of people counting and flow measurement with remarkable accuracy. Whether for events, office buildings, stores, or transportation hubs, Mat 2.0 optimizes space utilization while respecting privacy.

## A technological solution suitable for many use cases

Counting mats are used to monitor traffic and people flows to ensure personal safety, optimize space utilization, prioritize resources for better service, and more.

Their relevance and performance have already been demonstrated at sporting, cultural, religious, and professional events, as well as in museums, places of worship, universities, and office buildings.

## Swiss Quality Standard

Developed in Lausanne, the 2.0 counting mats embody Swiss quality, a symbol of excellence and precision recognized worldwide for its unmatched reliability.

## Features



### Modular design

Adapts to various environments



### Environment

No calibration required, no variation in light exposure



### Plug & play

Easy installation with no complex configuration; no wiring



### Real time

Visitor and customer counting solution for public spaces



### Standalone

Integrated autonomous connectivity with 4G



### Bidirectional counting

Allows you to track incoming and outgoing pedestrian traffic



### Privacy

Privacy protection by design, no personal information is recorded

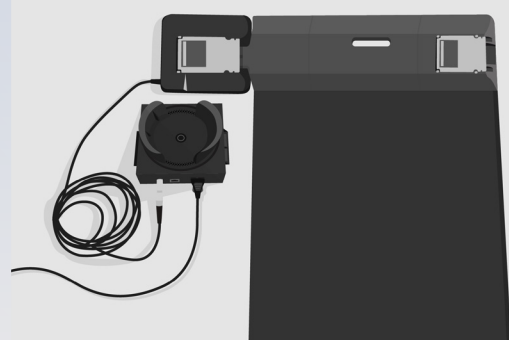


### High accuracy

Swiss precision, up to 98%



Mats 2.0



The mats connect to each other with a patented secure locking system

## SOME USE CASES AND REFERENCES

### Museums and cultural events

#### The Islamic Arts Biennale

Optimizing the visitor experience, measuring the success of an exhibition, and gauging the engagement generated by each work of art are key challenges for cultural venues.

On behalf of the Saudi Arabian Ministry of Culture and the Diriyah Biennale Foundation, Technis and Intech-floor have equipped the Islamic Arts Biennale in Jeddah, which will take place from January 25 to May 25, 2025. With 1.5 million visitors over four months, the Ministry of Culture and the Diriyah Biennale Foundation have chosen the counting mats and several 3D sensors to obtain a real-time view of visitors throughout the Biennale. They also have a side project to monitor visitor engagement with all the works.

The main entrances and exits have been equipped, as well as five galleries and two pavilions. In total, around 50 mats have been deployed and connected, along with a few 3D sensors to obtain more complex data such as "group size."



The Islamic Arts Biennial

### Universities

#### The Sciences Po campuses

Universities are like beehives, even more so than office spaces, with people coming and going in all directions. Whether students are traveling alone or in groups, optimizing travel, classroom and lecture hall booking schedules, and security are major challenges for many campuses.

Sciences Po wanted to equip four of its campuses to monitor entrances and exits, university restaurants, lecture halls, and air quality. Several mats and sensors were installed, and all data is transmitted in real time to their security PC.

Thanks to the Technis Counting application, attendance alerts are sent, and it is possible to monitor overuse and underuse gauges of all equipped spaces.



Sciences Po Paris Campus

## Events and transportation

### The 2021 FIFA Arab Cup

Cultural and sporting events are moments of communion, during which crowds move around in large numbers, often in groups.

The counting mat solution not only monitors these flows in real time, but also helps to better anticipate event organization to ensure their success.

In preparation for the World Cup, Qatar deployed our counting solution to optimize visitor flows and enhance security. Installed at the access to the subway stations leading to the stadiums, our sensors quickly identified areas of high congestion, facilitating the adjustment of transport and security resources provided for the safety of the fans.

This experience provided key lessons for improving crowd management and ensuring visitor safety during the World Cup.



FIFA Arab Cup

## Events

### The Paléo Festival

For safety and security reasons, the Festival organizers needed to know in real time the number of people present on the site, as well as their distribution in the different areas, particularly on a grandstand specially built for the event. As the number of emergency exits was directly linked to the occupancy of the grandstand in the event of an emergency, accurate management of this capacity was essential.

In 2023, a proscenium was set up to host the Indochine concert. This pit, open to the public, was limited to 800 people. After benchmarking several technological solutions, only the one based on counting mats proved to be reliable and suited to the site's constraints. Thanks to this solution, security teams were able to accurately monitor access throughout the concerts.

#### Here are some figures:

During Paléo Festival 2024, 262,215 visitors were counted over six days, an average of 40,887 visitors per day, with an average time spent on site of 5 hours and 23 minutes.



Paléo Festival Main Stage



## Events

### The Olympic Flame

During this global event, with all eyes on Paris, visitor flows across all sites hosting Games-related events were particularly high.

Regulating these flows was essential and required adaptation to the different types of sites.

To monitor visitor flows at the Olympic Flame site, 65 counting mats were installed outdoors for a period of two months. The objective was to monitor the main passages of the general public and VIP visitors, both for security and safety reasons, but also to know in real time the number of people present on the site.

This solution also made it possible to measure the number of people visiting during the different time slots set up to come and see the Olympic Flame.



Jardin des Tuileries (F-Paris)



# ABOUT

Intechfloor, a subsidiary of the Technis Group, was founded in 2023 to accelerate the development of connected flooring technologies. Its mission is to transform every floor surface into an interactive platform, thanks to its patented hardware sensors that provide relevant and useful data to its users.

## Contacts

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