# Art of Security

GUIDE TO CUSTOMIZED SOLUTIONS BY COMINFO

cominfo

# Presentation Content

# Art of Security

It is vital for us to create **trustworthy access solutions** that provide seamless and safe visitor passage. That offers a **serene and pleasant visitor experience through captivating and user-friendly product design**. And that guarantees that the property and assets will always be protected. **For us, that is the Art of Security**.





**No matter the nature of the customer´s requirements,** we make every effort to understand what matters to him so that **we can offer customized solutions that complement the environments** they are protecting.

# Secured by COMINFO

We ensure that our **products blend in harmoniously with the overall architectural picture** of the entrance area and efficiently streamline the flow of people within a customer's property. You can find COMINFO solutions in these buildings.



**Varso Tower, Warsaw – PL**
Foster + Partners



**Clerys Quarter, Dublin – IE**
Henry J Lyons Architects



**Microsoft Israel Campus, Herzliya – IL**
Vered Gindi Architects
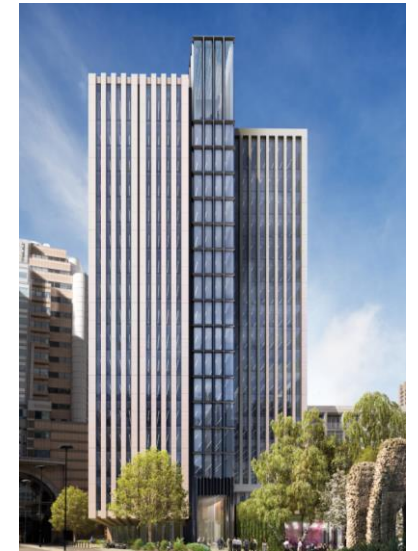


**EY Centre, Sydney – AU**
Francis-Jones Morehen Thorp



**NCC Head Office, Solna – SE**
White Arkitekter



**The Flow Building, Prague – CZ**
Chapman Taylor



**Sky Park Offices, Bratislava – SK**
Zaha Hadid Architects



**London Wall Place, London – UK**
Make Architects



**Petronas Towers, Kuala Lumpur – MY**
César Pelli

# Variety in Product Design

Our product **portfolio comprises 20 speed gate models** for secure and smart access to corporate offices, airports, government institutions, and bicycle parking, to name a few.

All the speed gates **differ in terms of technical specifics, security level, application area, and, more importantly, product design**. This variety enables us to offer a speed gate that perfectly fits any installation.
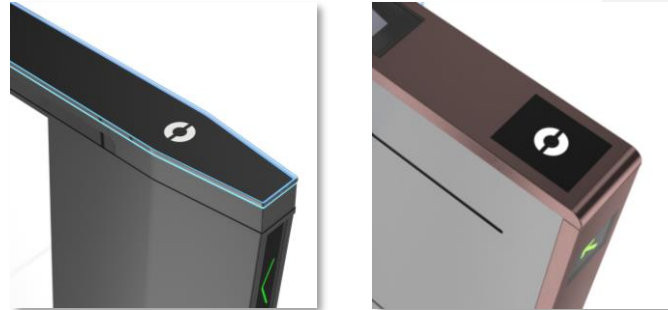
## Round & Squared Front Shape
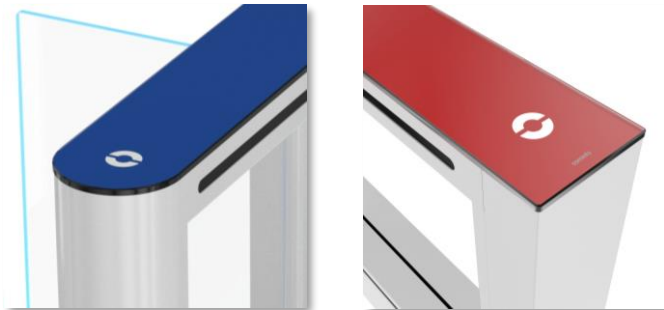


EasyGate SPD-G

EasyGate SPD-R

## Ultra-Slim & Standard Width*
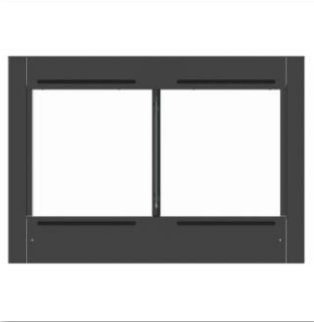


EasyGate Superb
**99 mm**

EasyGate LC
**150 mm**

*Comparison among swing speed gates.

# Variety in Product Design

Apart from the possibility of choosing between speed gates with **round & squared front shapes** and **ultra-slim & standard widths**, the customer can opt for **glass & stainless steel side panels, different cabinet footprints,** and **other options**.

## Glass & Full Side Panels



EasyGate SPD-R
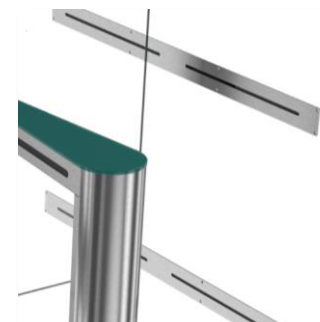**Glass panels**



EasyGate SPD-R
**Stainless steel panels**

## Different Footprints



EasyGate SG
**1 000 mm length**
**120 mm width**



EasyGate Superb
**1 580 mm length**
**99 mm width**

## Other Options



**Wall sensors**



**Fixed glass barriers**

# Variable Passage Width and Height

We are making no compromises when it comes to safety, security, and user-friendliness. COMINFO speed gates are available with **extended barrier-free passages for wheelchair users**, the transport of material, and any other requirements. In selected models, even an Extra wide passage of 1 500 mm is available. Moreover, **one wing or two wings passage** is also possible.

For a **greater level of security**, optional glass barriers with an upper edge height of 1 800 mm* and even 2 200 mm* are available.

650 mm [25,59"]        920 mm [36.2"]        550 mm [21,7"]

990 mm [38,98"]        1800 mm [70,87"]
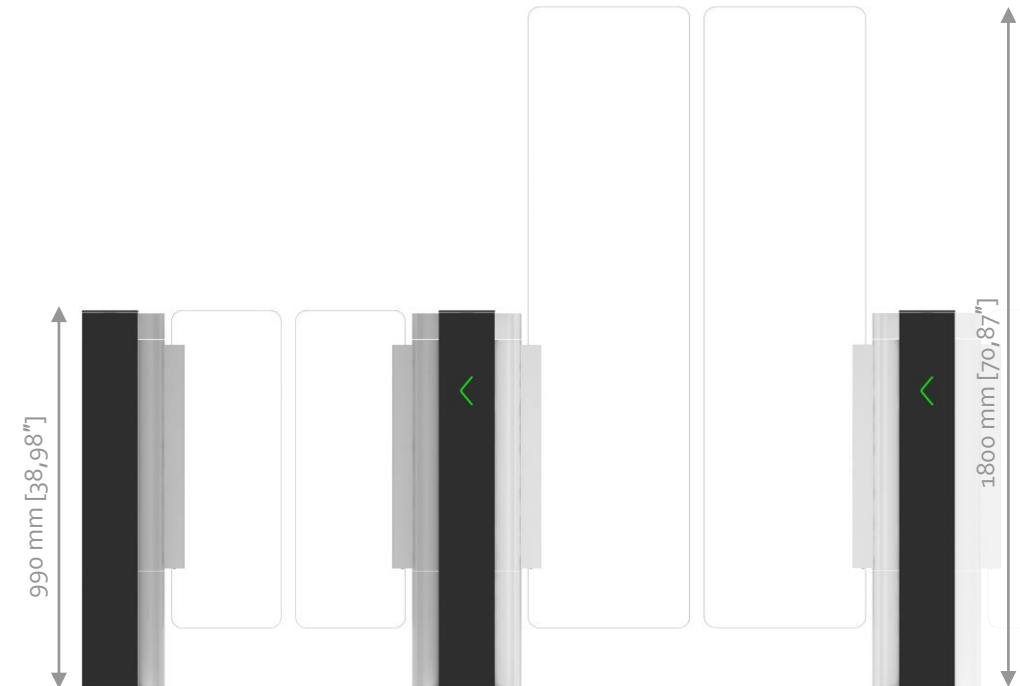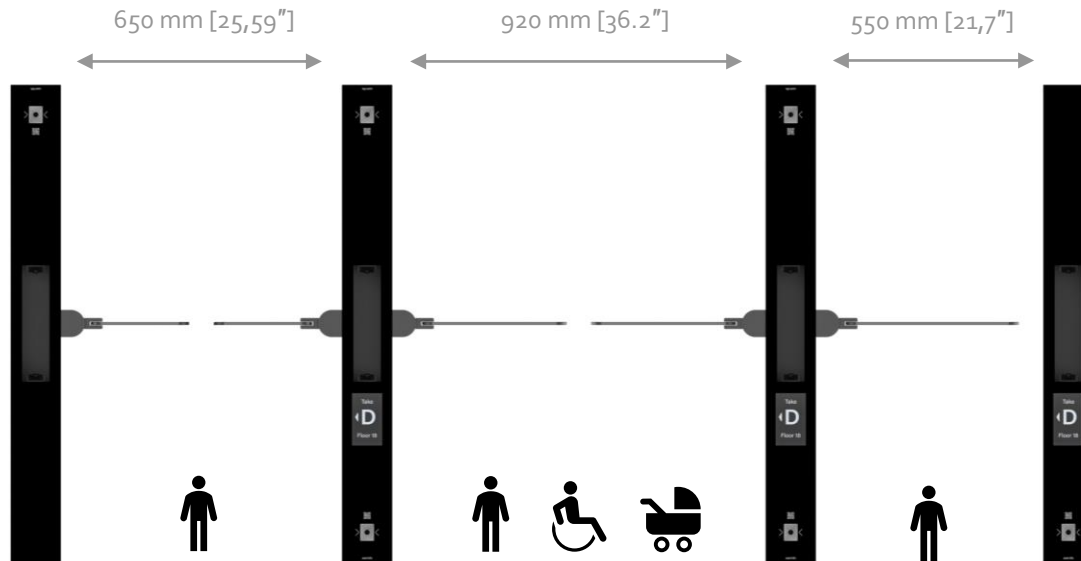
* This may vary according to the selected speed gate model.

** The renderings above depict a model installation of EasyGate LC.

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# Sustainable Operation

One of our long-term corporate goals is **to minimize the environmental footprint of our operations**.

COMINFO products have a **significantly lower electricity consumption than is standard** on the market. Furthermore, **we cooperate mainly with local suppliers** and reduce consumption on the company premises in a targeted manner.

## Reducing the Ecological Footprint

### Electricity Consumption

Our speed gates feature the **lowest power consumption in a standby mode** in the market, specifically 6,1 W in selected models.
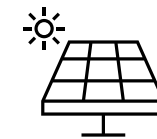
### Supply Chain Regionalisation

We **cooperate mainly with local suppliers**. Almost 85 % of them come from the Czech Republic. Of our ten largest suppliers, eight are domestic.

### Waste Management

By adapting the manufacturing processes and product design of our speed gates, **up to 99 % of the materials used are recyclable**.

### Utilizing Renewable Resources

Our production plant will be shortly equipped with **solar panels generating a significant percentage of our electricity** consumption.

# BIM – Building Information Modeling

BIM, or Building Information Modeling, is a **complex design and construction process** that utilizes software and a collaborative design process to make the procedure of **developing buildings more efficient**.

Using BIM objects provides construction, design, and architecture professionals with **better decision-making, reduced workload, and cost savings** on their projects.

The BIM objects in the Revit file type (Autodesk Revit) for the COMINFO products are **available via our company websites**.
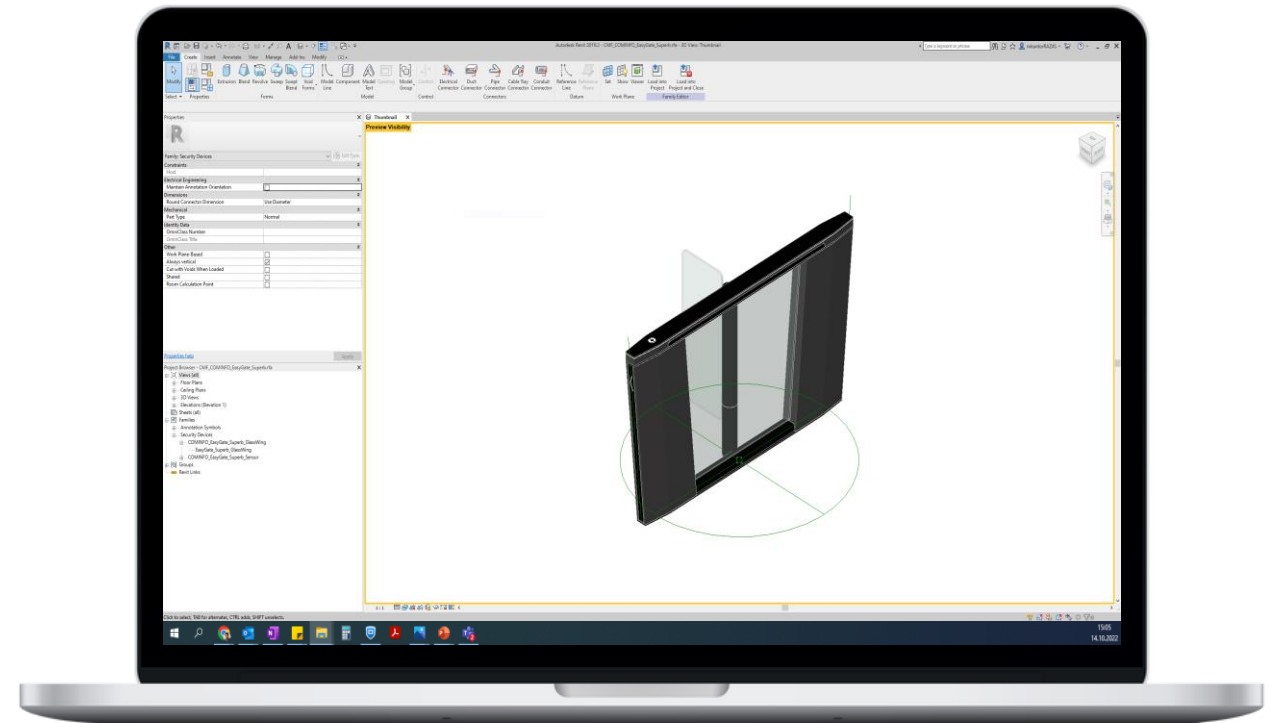
# Visualize your Project with Augmented Reality



Our Augmented Reality (AR) application, the **turnstileART** app, allows users to **easily create professional 3D renderings of COMINFO speed gates** in a real environment or on a white background.

You can instantly see and compare different speed gate models, **simplifying your project preparation and making it easier to decide which model to choose**. The Snapshot function allows you to **share designs** with colleagues or clients.

The app is available via Google Play and App Store.

# Facilitating the Smart Building Operations

Contemporary buildings are serviced by a **wide range of subsystems, including general security and one of its components, entrance security,** all of which facilitate the building operations.

The smart building concept builds on the **interconnectability of the building's components and facilitates its operations** through energy efficiency, increased responsiveness, automatization, and other characteristics.

The COMINFO products leverage their **advanced electronics and software solutions to be seamlessly integrated into the advanced system of operations** in smart buildings.
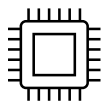
### Advanced Electronics

In-house-built electronics enable the **swift process of large-capacity information**. It allows advanced performance **monitoring, reporting, alerting,** and **diagnostics**.

### Open Software Architecture

COMINFO communication interface allows for **seamless integration into existing building systems,** i.e., visitor management software and lift control system – **supporting overall building management**.

# Technology Integration

Our portfolio features an option to **ingeniously integrate a number of in-house and 3rd party technologies** into standard-sized cabinets, alternatively through an external bracket in the chassis of selected models.

## Identification
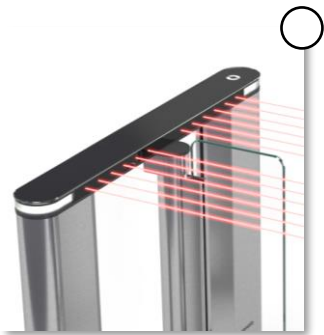


**RFID Reader**



**QR Scanner**



**Fingerprint Reader**



**Facial Recognition**

○ **COMINFO technology**

● **3rd party technology**

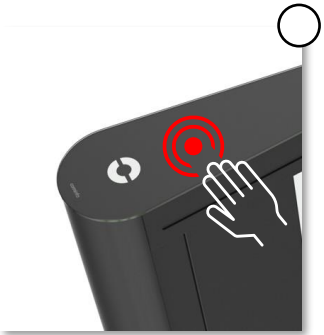# Technology Integration
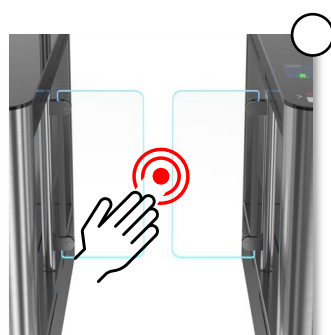
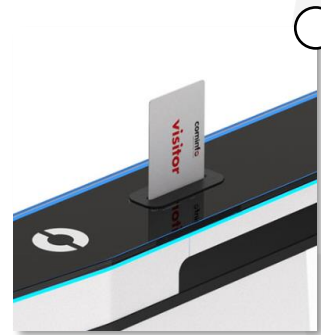## Safety & Security


S-Beam Technology


Break Glass Unit
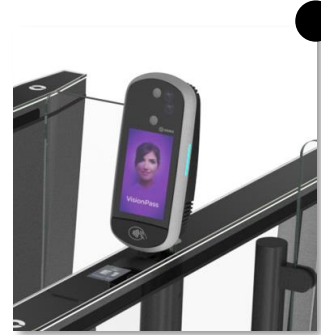

Pressure Sensor


Pushthrough

## Other


Visitor Card Collector


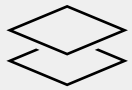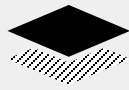LiftCall Display


3rd Party Device

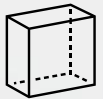○ COMINFO technology

● 3rd party technology

# Customized Design

Whether it is a simple color match, a special finish, material, or a truly bespoke design, **we can provide the perfect solution to suit your project**.

Standard Surface Finishes

Special Metal Finishes & Coatings

Special Cladding

Branding

Bespoke Product Design

Visitor Guidance & Lights

# Customized EasyGate SPD | **Agora Tower**

Cooperation with several stakeholders on the customer's side resulted in speed gates with a **unique design and a wide range of identification** options.

The project **materialized several aspects of COMINFO's customized design**.
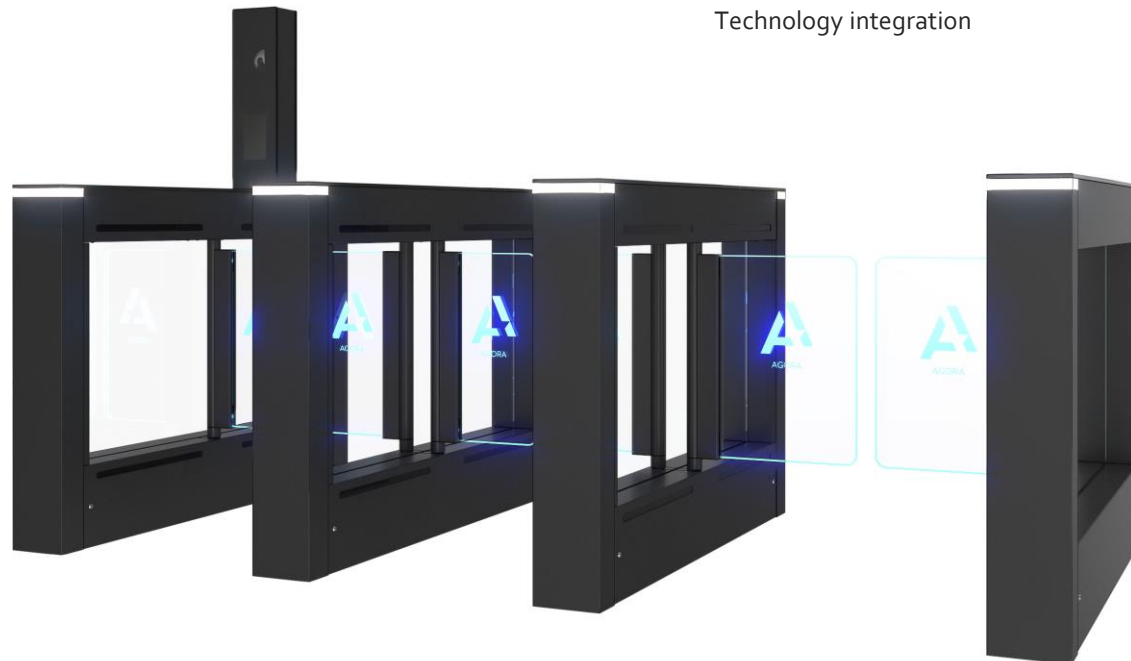


**Post with a biometric camera**

Technology integration



**Wing light, Company logo**

Visitor Guidance & Lights, Branding



**Special Axalta coating**

Special metal finishes & Coatings



**Edge light**

Visitor Guidance & Lights

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# Full Customization | **Agora Tower**

| | |
|---|---|
| **Project** | Agora Tower |
| **Architectural studio** | Make Architects |
| **Place of installation** | Budapest, HU |
| **Speed gate model** | EasyGate SPD |
| **Customization** | Special black gray matt coating by Axalta<br>Integration of Kone lift control system<br>Agora Tower logo on glass wings<br>Integration of a post with a biometric camera<br>Edge lights, Access lights and Wing lights |





The speed gates in the Agora office center are a **materialization of project customization at a scale**.

Cooperation with several stakeholders on the customer's side resulted in speed gates with a **unique design and a wide range of identification** options.

The speed gate covers were **painted with Axalta special coating** at the designer's request. This **blends well with the black glass top panel and the contrasting white lighting** on the top edge of the speed gate.

The **wings of the speed gates were also illuminated,** on which we **engraved the Agora logo**. Visitor **navigation is further facilitated by the Access light and a backlit arrow** pointing to the speed gate lane that visitors or employees should use.

Speed gate lanes are equipped with RFID and QR code readers and an **integrated lift call system** from Kone. Selected speed gate lanes were mounted with a **post with a camera for biometric identification**.

Based on the client's request, we've made **construction changes in the cabinet frames,** so they are prepared for a possible extension of biometric identification.





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EasyGate Superb | Boston Scientific, Waterford – IE
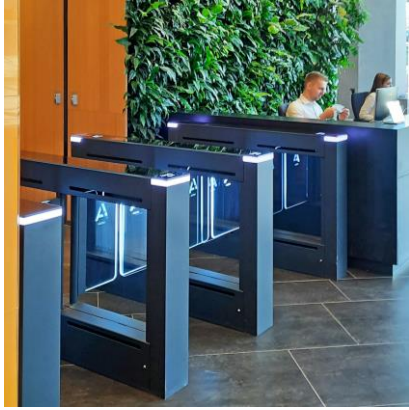
# Standard Surface Finishes

Our speed gates come in a **brushed stainless steel finish as standard**. If you want a speed gate in a different color, we can offer **powder coating in any color from the RAL color chart**.

With the option to choose the color, you can nicely **match the speed gates with the rest of the entrance lobby or reception**. We **will be happy to deliver them in your company colors**.



**Brushed stainless steel**

EasyGate SPT
Tasmanian Government, Hobart – AU



**Powder coating | RAL color chart**

EasyGate SG
The Lincoln, Manchester – UK

# Powder Coating | RAL Color Chart

We have taken **maximum care to work with suppliers providing the highest quality powder coating,** such as Dulux and Tiger.

You can choose from the **standard range from the RAL color chart consisting of 6 colors** or the **premium range** encompassing all the remaining RAL colors.

The option is also to choose **Special coating finishes** that enable speed gates to stylishly blend in with the interior environment and live up to the architect´s vision.

*Customized Design / Special Finishes / Special Coatings*

## Standard Range

White Matt

Black Matt

Anthracite

Aluminium

Bronze

Café Crème

## Premium Range
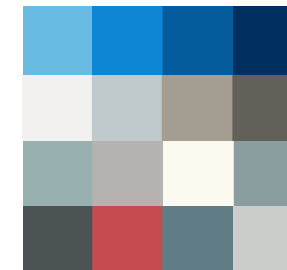
Except the Standard range selection any color from the RAL chart can be chosen.

# Modularity in the Coating

The speed gate product design enables the customer to **apply the selected coatings to different construction parts** of the cabinet*.

This modularity allows companies to **accent their corporate colors and elevates the entrance area** design as a whole.

### Covers Coating
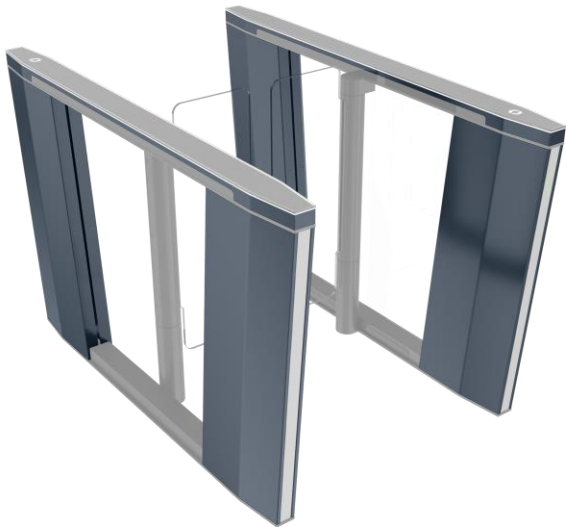
### Frame Coating

### Customization Example

*Coating options in terms of different construction parts vary depending on the model

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# Standard Surface Finishes

You can find standard surface finish examples of COMINFO speed gates in these projects from renowned architectural studios.



**White matt coating**
Five Building, Prague – CZ | QARTA Architektura



**Brushed stainless steel**
Aegean Business Lounge, Athens – GR | Zege Architects



**Brushed stainless steel**
Sky Park Offices, Bratislava – SK
Zaha Hadid Architects



**Black matt coating**
The Lincoln, Manchester – UK | 5plus Architects

EasyGate SPT | 32 Smith, Sydney – AU

# Special Finishes

Special treatment of the **stainless steel surface, alternative metal finishes, and special coatings** are available upon request.

Speed gates can be plated with patinated brass and steel, copper bronze, or, alternatively, black stainless steel. The **choice of metal finish is nearly unlimited**.

We can also **apply special coating outside the standard RAL range** by working with world-renowned paint suppliers.



**Special metal finishes**

EasyGate SR
National Theatre, Prague – CZ



**Polished Stainless Steel**

EasyGate SPD
1 William Street, Brisbane – AU



**Special coatings**

EasyGate SPT
32 Smith, Sydney – AU

# Special Metal Finishes

You can find special metal finish customization examples of COMINFO speed gates in these projects from renowned architectural studios.

**We work with leading suppliers of high-quality metal finishes** like Evans Turner, INNOMetal, Rimex Metals, and Bradleys Metal Finishers.
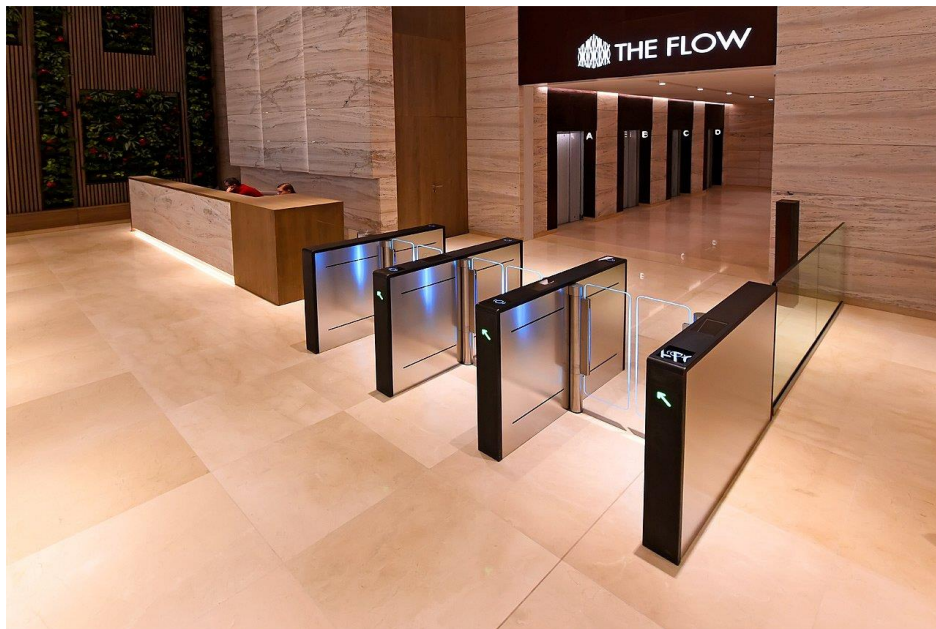


**Patinated brass covers**
The Flow Building, Prague – CZ | Chapman Taylor



**Electroplated stainless steel**
National Theatre, Prague – CZ | Josef Zítek



**Copper bronze covers**
2 London Wall Place, London – UK | Make Architects



**Polished stainless steel covers**
1 William Street, Brisbane – AU | Woods Bagot

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# Special Coatings

You can find special coatings customization examples of COMINFO speed gates in these projects from renowned architectural studios.

We work with our clients **to find distinctive coatings that seamlessly blend with the surrounding environment**, and **we source them from the best in the field**, companies such as Axalta and Sherwin Williams.



**Heritage bronze powder coating**
India Building, Liverpool – UK | Falconer Chester Hall Architects



**Black gray matt powder coating by Axalta**
Agora Tower, Budapest – HU | Make Architects



**Electro dark bronze flat powder coating by Dulux**
32 Smith, Sydney – AU | Fender Katsalidis Architects



**Gray matt powder coating**
Sergel Plaza redevelopment, Stockholm – SE

# Patinated brass | **The Flow Building**



| | |
|---|---|
| **Project** | The Flow Building |
| **Architectural studio** | Chapman Taylor |
| **Place of instalation** | Prague, CZ |
| **Speed gate model** | EasyGate LC |
| **Customization** | Special patinated brass and steel cabinets Integration of Schindler lift control system Lane lights, Access lights and Wing lights |





**Patinated brass and steel** were selected as the materials for the speed gate cabinets based on the investor's and architects' requirements.

The patinated **brass-steel combination creates a pleasant contrast of colors,** while the speed gates resonate well with the surrounding space.



The patina used on these two materials is only recognizable when viewed up close, and this effect alone is both a **captivating and astonishing sight to behold**.

We also came up with a solution for the increasingly popular requirement of installing a **system that automatically calls lifts**. Additionally, the front panels of the speed gates were **equipped with Lane lights** display featuring an arrow that will direct people through.





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EY Centre | Sydney – AU

# Special Cladding

Our speed gates **can be clad in Corian, natural stone, and wood**.

**Corian** is solid and highly durable; it is **warm and pleasant to touch**. There are no visible joints on the surface.

The **stone cladding** is different in structure, grain, and surface finish. Thanks to that, it **creates an extraordinary visual effect**.

**Wood** offers a wide range of color shades and reliefs. Wood cladding gives the speed gates a **noble look and makes the space cozier and optically warmer**.



**Corian**

EasyGate IM
ReShape Fitness, Zabrze – PL



**Natural stone**

EasyGate IM
EY Centre, Sydney – AU



**Wood**

EasyGate SPD
AstraZeneca Discovery Centre, Cambridge – UK

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# Special Cladding

You can find special cladding customization examples of COMINFO speed gates in these projects from renowned architectural studios.



**Corian cladding**
ReShape Fitness, Zabrze – PL | BAAR Studio



**Natural stone cladding**
Messeturm, Frankfurt – DE | Helmut Jahn Architects



**Wooden cladding**
AstraZeneca Discovery Centre, Cambridge – UK | Herzog & de Meuron



**Charcoal stone cladding**
1 Denison, Sydney – AU | Bates Smart Architects

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# Stone Cladding | **EY Centre**

| | |
|---|---|
| **Project** | EY Centre |
| **Architectural studio** | Francis-Jones Morehen Thorp |
| **Place of instalation** | Sydney, AU |
| **Speed gate model** | EasyGate IM |
| **Customization** | Natural Stone Cladding<br>Integration of Schindler lift control system<br>Access lights |







The reception and public space at the front of the building are decorated with a **large-scale work of art carved into sandstone**, while the **floors and panelling of the reception are also made of stone**.

The architects, therefore, strived to ensure that the speed gates at the entrance also featured stone cladding.

The architects were also tasked with designing the upper sections of the **speed gates**, which were to be made of several narrower strips of stone, so that they would **also correspond in shape to the lining of the adjoining counters**.

Together, the **reception and speed gates form a single artistic element** in the entire space, reminiscent of a group of stone statues.
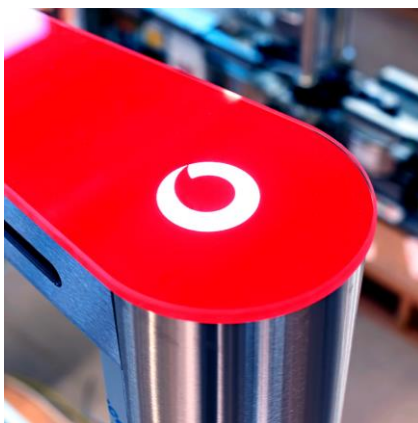
# Branding

EasyGate Superb | Parkview, Prague – CZ

# Branding

Our speed gates can be customized to perfectly **meet the brand´s identity** – the **top lid can be coated in any color** and branded according to corporate guidelines.

You can even **sandblast your logo on the wings** and use it as a **symbol where the contactless card is to be placed** by your employees and customers.
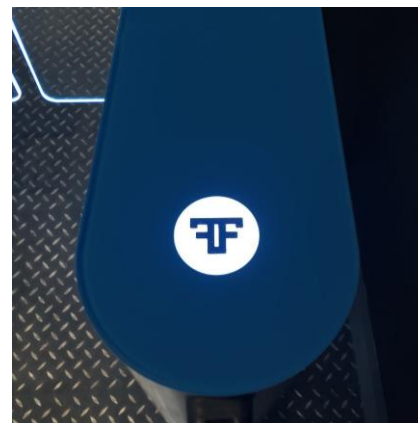


**Personalised Access light icon**

EasyGate SPT
Vodafone, Sydney – AU
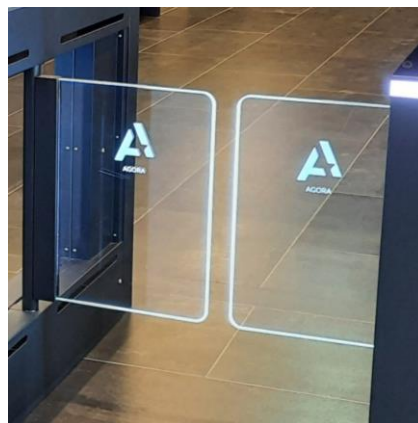


**Company logo on glass wing**

EasyGate SPD
Agora Tower, Budapest – HU



**Personalised top lid color**

EasyGate SPT
FLYEfit, Dublin – IE

# Bespoke Design

# Bespoke Design

We can **adapt the speed gates to any space**, so they fit elegantly into it and do not interfere with its architectural value. For example, the **product design of the speed gate cabinets can be optionally modified** to blend in seamlessly with the overall design of the reception area.

Moreover, **we can install them in the way they form an arc,** i.e., the layout of speed gate lanes is set up in a curved line. Also, speed gates can be installed in a **staggered, in other words, diagonal layout**.
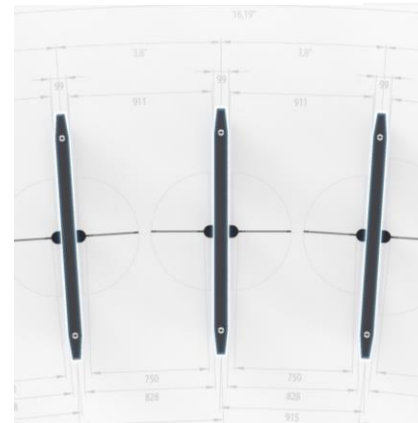


**Bespoke cabinet customization**

EasyGate BV
55 Colmore Row, Birmingham – UK
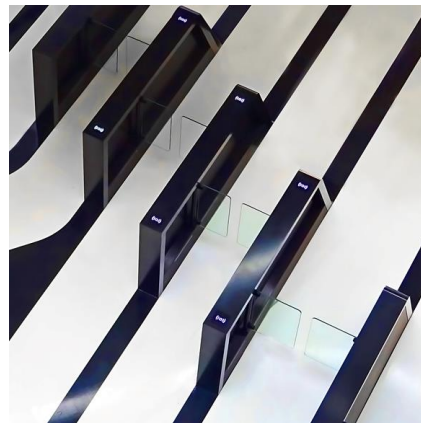


**Staggered layout**
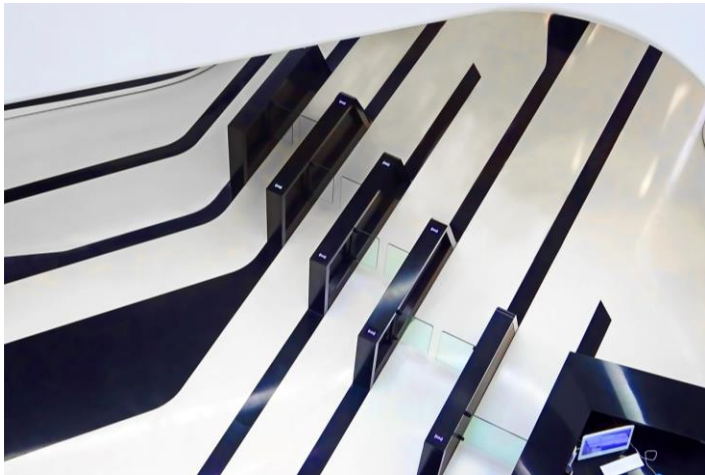
EasyGate SPD
Dominion Tower, Moscow – RU



**Arc layout**

EasyGate Superb
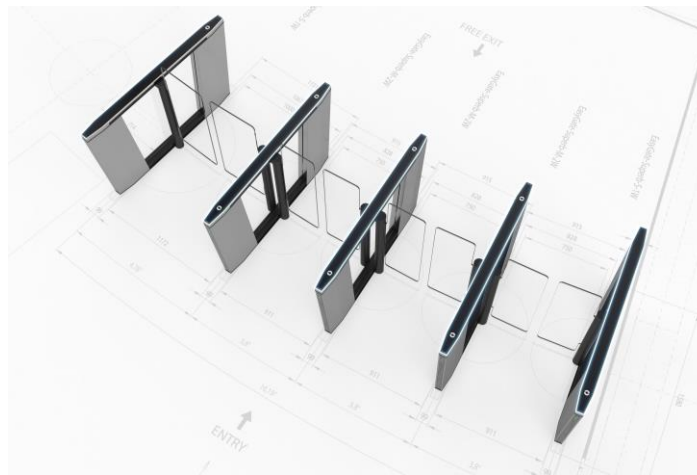Deutsche Bahn project, Berlin – DE

# Bespoke Design

You can find bespoke customization examples of COMINFO speed gates in these projects from renowned architectural studios.



**Staggered Layout**
Dominion Tower, Moscow – RU | Zaha Hadid Architects
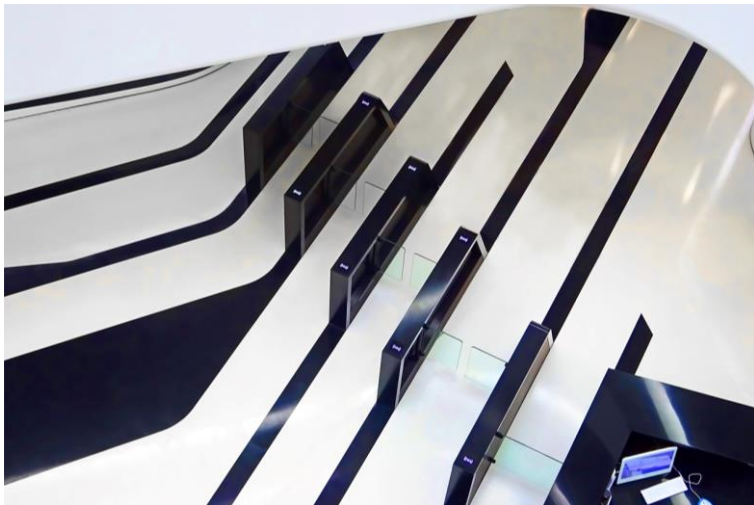


**Arc Layout**
Rendering for upcoming Deutsche Bahn project, Berlin – DE



**Bespoke cabinet illumination & custom GetaCore cladding**
55 Colmore Row, Birmingham – UK | AHR Architects

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# Staggered Layout | **Dominion Tower**

| | |
|---|---|
| **Project** | Dominion Tower |
| **Architectural studio** | Zaha Hadid Architects |
| **Place of instalation** | Moscow, RU |
| **Speed gate model** | EasyGate SPT |
| **Customization** | Staggered layout<br>Customized cabinet shape<br>Black stainless steel finish by Rimex<br>Access lights |







The **architects proposed tilting the speed gates,** which they then placed on black lines on the floor. Thanks to the fact that the **lines and the speed gates are both the same color and width, they appear to merge into one** when viewed from above.
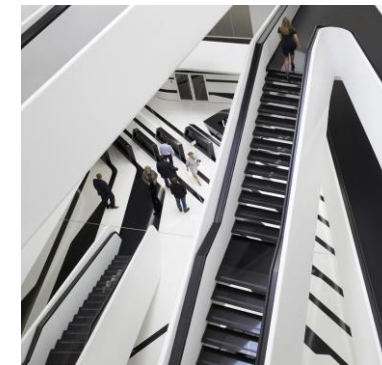
The individual floors of the building, designed in a **neo-futurist style,** are essentially vertically stacked slabs connected by a series of staircases.

**It was necessary to design something that was simple yet imaginative,** and that would blend in with the surroundings and punctuate the overall artistic expression of the space.





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# Visual Guidance & Lights

# Visual Guidance & Lights

Navigation lights **help visitors or staff walk through the speed gates**. LED arrows on the front of the speed gates **guide visitors to the right passage**.
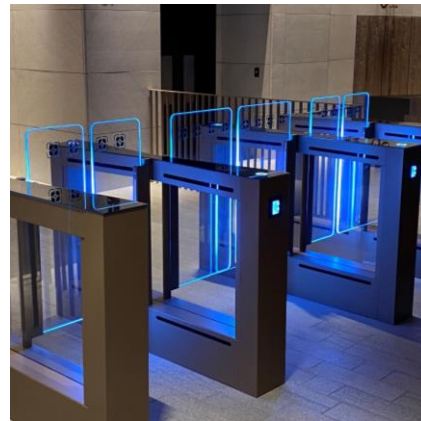
Illumination of the wings, top panel, and **other guidance technologies facilitate orientation while passing through the speed gate**.

The individual light elements can also **indicate the speed gate status** and visually inform, for example, about emergencies. Therefore, performing an essential **safety function**.



**Access light**

EasyGate Superb
Parkview, Prague – CZ



**Wing light**

EasyGate SPT
8o Ann Street, Brisbane – AU



**Lane light**

EasyGate SG
Prague Conservatory, Prague – CZ

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# Visual Guidance & Lights

The speed gate illumination plays a vital role in setting the tone and mood of the entrance, **brightening the space aesthetically,** and is also **used to brand the area**.

Instead of the default white lightning, the speed gate **illumination may come in company colors**. Everything can be easily adjusted to suit the customer's request.

Sound signalization brings more **safety to blind and visually impaired people**.



**Passage light**

EasyGate Superb
T-Mobile HQ, Prague – CZ



**Edge light**

EasyGate Elite
Five Building, Prague – CZ



**Sound signalization**
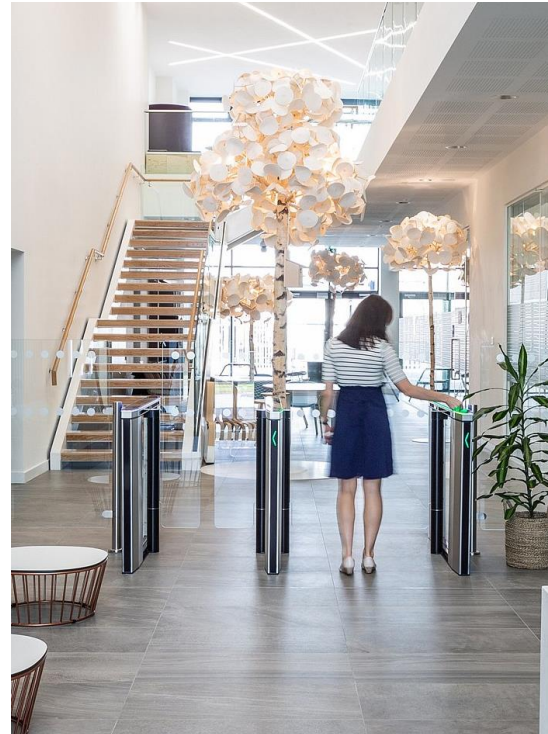
EasyGate IM
MesseTurm, Frankfurt – DE

# Visual Guidance & Lights

You can find visual guidance & light speed gate integration examples in these installations from renowned architectural and design studios.
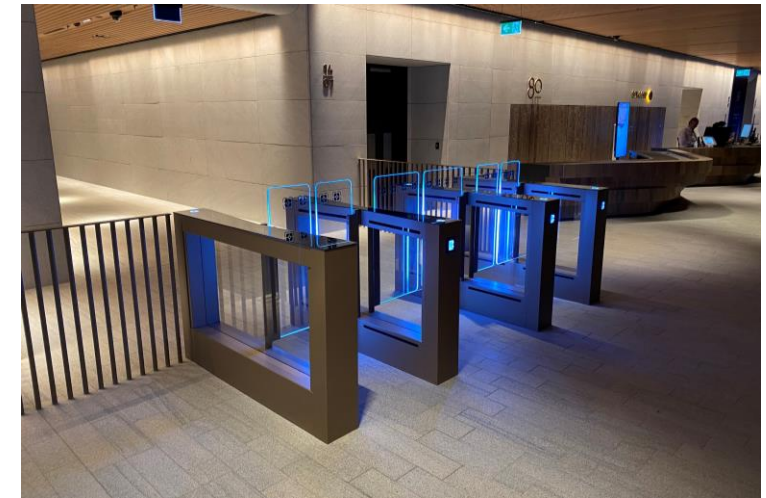


**Access Light & Wing light**
80 Ann Street, Brisbane – AU | Woods Bagot



**Lane light & Passage light**
Boston Scientific, Waterford – IE | Unispace



**Lane light**
Two New Bailey Square, Manchester – UK | Allford Hall Monaghan Morris



**Edge light & Wing light**
Agora Tower, Budapest – HU | Make Architects

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