

BOTEVO



THE INTELLIGENT UPGRADE FOR YOUR INDUSTRIAL DOORS



LESS ENERGY CONSUMPTION

MORE SAFETY

SIMPLE MAINTENANCE

DOOR UPGRADE WITH BOTEVO - YOUR ADVANTAGES



Production and logistics



Critical infrastructure



Traffic infrastructure



SAFE ENERGY COSTS

With **BOTEVO** you can optimize your opening and closing processes and avoid unwanted openings. The energy loss after the opening of a single industrial door add up to 5 kilowatt hours. The use of the **BOTEVO** Energy Tool pays for itself in



GET MORE PRECISE DATA

BOTEVO records every door activity. Instead of only counting complete opening and closing processes, **BOTEVO** takes into account all load changes due to interruptions and sensor triggers and thus determines the actual door usage much more accurately.



BENEFIT FROM PREDICTIVE MAINTENANCE

BOTEVO analyzes your individual industrial door usage and compares it with the recommended maintenance intervals. **BOTEVO** uses this to calculate the next maintenance date and informs you proactively and early in advance.



MAKE YOUR EXISTING DOORS INTELLIGENT

With **BOTEVO**, you can bring your existing doors up to the latest state of the art technology and IoT capability. The upgrade is available for many manufacturers and control systems such as GfA, Hörmann and Marantec (MFZ) and therefore for a wide range of industrial doors.



AVOID DOWNTIMES

You are notified immediately in the event of error messages and can react immediately. This means that no error message goes unnoticed and the problem can be resolved as quickly as possible.



FIX ERRORS QUICKLY AND EASILY

With **BOTEVO**, you not only receive the error message, but the type of error is also displayed directly. This allows you to resolve simple faults quickly or inform the service technician about the problem in advance. This saves time and money.



ENSURE OPERATIONAL SAFETY

The operational safety of doors is essential for critical infrastructure, production and logistics as well as many other areas. Thanks to predictive maintenance and a comprehensive overview of the status of all doors, **BOTEVO** enables you to achieve maximum functional reliability.



PREVENT CROSS VENTILATION

The simultaneous opening of doors on different axes of a building increases energy loss drastically compared to an intelligent, alternate opening. With our **GUARD** and **BUTLER** modules, industrial doors can be managed accordingly, effectively preventing cross ventilation from a defined temperature difference (inside/outside) and also improving the thermal comfort of employees on site.

BOTEVO – THE INTELLIGENT SYSTEM FOR YOUR DOOR SYSTEMS

BOTEVO is a compact and clever hardware upgrade for your existing door systems. It makes your doors intelligent by recording and analysing all data and making it available regardless of location. The system consists of a central centrepiece, the **CORE**, and the optional **GUARD** module. You can view, analyse and optimise the status of your doors from anywhere via the **BOTEVO** dashboard and the **BOTEVO** app.



The CORE will be integrated simply into your existing control system

CORE

THE HEART OF DATA ANALYSIS

The **CORE*** is integrated into the control system of your industrial door, but does not perform any control tasks itself. Instead, it reads all the data from the drive encoder and the control board.

This data is analyzed, evaluated and forms the basis for predictive maintenance. In addition, error messages and status displays can also be recorded for numerous control systems.

All this information is transmitted wirelessly to the **BOTEVO app** and the **BOTEVO dashboard**. The user is informed immediately and solutions are offered directly.

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GUARD SENSORS AND STATUS MESSAGES

The **GUARD** will be placed and connected next to the control system. It monitors temperature and humidity with integrated sensors, which converge in the BOTEVO Energy Tool. The colored LED ring displays the current status of the door system. In this way, the various conditions can be seen at a glance. In addition, warnings are signaled acoustically to enable a quick response.



Optical status messages:

- | | |
|------------|---------------------|
| ● = Ok | ● = Error |
| ● = Signal | ● = Climate warning |

BUTLER MODULE FOR CONTROL FUNCTIONS

The **BUTLER** significantly expands the range of applications and allows you to create your own control functions for individual actions and automatic rules in the backend. It can also be used as a meta-controller for a large number of local, conventional control systems for existing industrial doors.

Optionally, the **BUTLER** can be integrated into the local LAN or WLAN and thus becomes a gateway with faster response times. An inhibiting input using a digital safety switch ensures the desired protection at all times.



APP AND DASHBOARD ALWAYS AND EVERYWHERE UP TO DATE



All door data and information, fault messages and maintenance instructions are graphically processed and clearly displayed in the **BOTEVO** app for mobile devices or in the **BOTEVO dashboard** on the desktop. Here you get a convenient overview of the data for all locations, buildings and door systems. The operation is intuitive.

ALL DOORS ALWAYS IN VIEW



Door status



BOTEVO App
regardless of location



Master data management for all doors



BOTEVO dashboard view

The **BOTEVO** app and the **BOTEVO dashboard** for desktop PCs give you a comprehensive overview of your doors at all sites, regardless of location. See the current status of all doors, optimise individual door opening times and receive immediate error messages to avoid downtime.



INSTANTLY INFORMED VIA PUSH MESSAGE

If a fault report occurs at an industrial door, it is not only sent to the dashboard on the computer, but also to the app on the mobile devices via push message. This allows the responsible employees on site to react immediately and resolve faults more quickly..



WIKI FOR TROUBLESHOOTING

The **BOTEVO WIKI** explains the error messages for most control systems and offers suitable solutions. This eliminates the inconvenient searching for cryptic error codes in the manual. In this way, you can either fix the fault yourself or inform the service technician about the exact problem in advance.



PREDICTIVE MAINTENANCE

The dashboard gives you an overview of the current status and running times of all doors. **BOTEVO** informs you proactively before the regular replacement of wearing parts or door components. This ensures regular operation and allows you to bundle and plan any necessary maintenance work in advance.



DIVERSE OPTIMISATION OPTIONS

BOTEVO not only records the complete opening processes, but also every single load change, thus providing significantly more precise data. The optional **GUARD** also provides valuable information about temperature and humidity and energy consumption due to unnecessary door openings in kWh. With this data record, you can compare all locations, buildings and door systems with each other, identify changes and thus optimise the processes and the respective settings. This allows you to minimise energy losses and make your processes more sustainable and efficient.



EASY. INTELLIGENT. EFFICIENT.

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BOTEVO – DECADES OF EXPERIENCE FOR INDUSTRIAL DOORS OF THE FUTURE

Although BOTEVO itself is a relatively young company, we draw on over 50 years of experience from the renowned company HILD-MOSER TORE. Our in-depth knowledge of doors for industry, critical infrastructure and transport infrastructure inspired us to found BOTEVO. Our goal was to create a manufacturer-independent solution that not only meets the high requirements of these industries, but also raises older door systems to the level of industry 4.0. Our company history is based on an understanding of the special challenges in the areas of safety, energy efficiency and cost optimisation.

By combining tradition and innovation, BOTEVO enables advanced solutions that are not only reliable but also future-proof. We have specialised in not only improving doors, but offering a total solution that meets the needs of our customers. BOTEVO stands for intelligent door upgrades that make operation more efficient, safer and more convenient. Choose BOTEVO and benefit from our many years of experience and innovative strength to take your doors into the future.



Website