

Smart doors for security and efficiency

For the Canton of Schwyz Road Traffic Department, safety is not only the top priority when testing vehicles. The operational business, such as at the Pfäffikon test site, must also run safely and efficiently. For this reason, the department has equipped the extension's entrances and exits with a total of six EFA-SST®-L Premium high-speed spiral doors.

More than two years after the handover of the keys for the new building, Beat Reichmuth, head of the test centre and chief expert, has made an extremely positive assessment. He is more than satisfied with the operation of the doors. They reliably meet all the requirements specified in the tender.

A pleasant working climate is maintained in the test hall due to rapid opening and closing speeds. Vehicles drive into the hall and leave it again about 40 times a day. The three test tracks are occupied daily in a tight schedule. Disruptions of any kind would mean delays in time and therefore also financial losses.

The Canton of Schwyz Transport Department is responsible for the registration of vehicles used in road and shipping traffic. The two inspection bodies Pfäffikon and Einsiedeln service 130,000 motor vehicles and 5,700 ships registered in the canton of Schwyz. 40,000 vehicle checks are carried out in the test centres every year.

Cleverly connected

In the meantime, after consulting with the traffic department, EFAFLEX has upgraded all the doors with the new EFA-SmartConnect® module. Thanks to this intelligent networking of door systems, the operating and maintenance costs can also be optimised.

With EFA-SmartConnect®, EFAFLEX is providing the IoT solution for networked doors. The associated, user-friendly app facilitates central monitoring and displays the status of all doors clearly and in real time. According to the "Diagnosis – Service – Maintenance" principle, faults can be prevented in good time and maintenance can be planned with foresight. This minimises downtime and lowers operating costs.

EFA-SmartConnect® works highly efficiently even in case of failure: you can use the app to send notifications directly to EFAFLEX. Thanks to fast transmission times, communication with EFAFLEX service technicians is just one click away. In this way, processes are accelerated and downtime is reduced.

Since the recent introduction of the app, the EFA-SmartConnect® module is installed in the door control of almost all doors. It permanently sends status reports on all doors to the app and therefore allows for faults or your service requests to be sent directly to EFAFLEX.

Customer data security is guaranteed at all times. EFA-SmartConnect® saves all relevant information in the local network. The customer alone decides when which information is sent to EFAFLEX. A communication will take place only through the conscious transmission of data to the service. This communication is maximally secured as well: All information remain safe and confidential by using modern end-to-end encryption.

Six in one sweep

After a short introduction, Beat Reichmuth and his team are able to programme the six doors' peripheries independently using a tablet. If professional assistance is required, EFAFLEX will promptly and flexibly send a service technician to the site. The EFASmartConnect® app is practical and easy to use for employees at the Pfäffikon test centre. The application can be extended by adding many other features.