

It was at the last interlift in 2017, that the Munich lift door manufacturer, Meiller Aufzugtüren GmbH, launched a new development in the form of the MiDrive car door drive. In the meantime, not only are there hundreds of satisfied customers and operators of these drives in the market, but the device software and the mobile app have also undergone consistent further development.

In particular, valuable suggestions from users on how to improve and simplify their use in practice have now been incorporated.

As a result, an update went online in May of this year that serves to expand the functionality of the MiDrive app. This allows installers and service technicians to benefit from improved operational features.

For example, the app supports the installer in the commissioning process by providing him with such additional

information as what the respective QR code looks like. This makes the process as a whole even simpler and more intuitive.

The new MiDrive app now contains DOOR OPEN and DOOR CLOSE buttons in the 'Configuration' and 'Monitoring' submenus. This enables the door to be controlled within the Bluetooth coverage radius of approximately 10 metres, and the door running and mechanical setup can be checked from a variety of perspectives. For ease of recognition, the buttons are colour-coded green for 'Open' and red for 'Close'.

'Remote Support' is a further new feature, which enables technicians to provide improved support for installers and others who configure doors in the field. The app enables them to communicate with each other in a similar way to using well-known messaging services like WhatsApp, etc. Error messages and operating data from the controller are

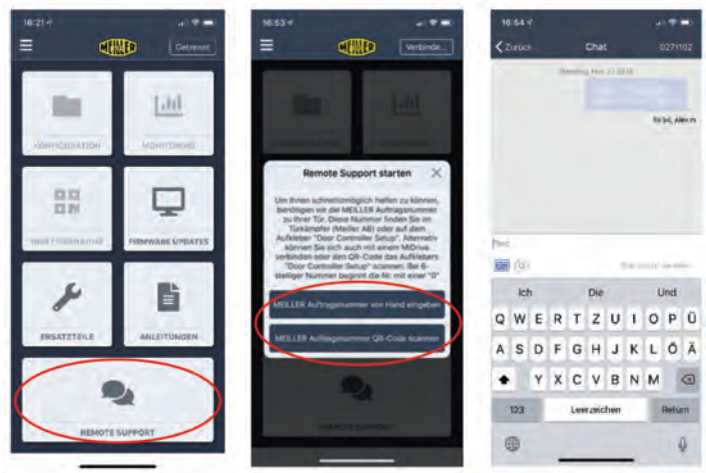
transmitted automatically and are available additionally to support providers.

For lift installations in countries where other languages are spoken, there is another new helpful feature which is of great importance – automatic translation of communication. The MiDrive app is designed to be multilingual and sets itself automatically to the system language of the smartphone on which it is installed. This triggers an automatic translation programme in the Remote Support, which enables clear and simple communication between users and support providers.

This tool can also be used to send photographs to Support that can then be sent back to the technicians at the installation site complete with instructions or markings. This enables ongoing situations to be clarified directly on site with the aid of images, without the need to refer to abstract technical illustrations in manuals.

New MiDrive software functions

The MiDrive software itself also undergoes regular further development. New functions are now available that can be accessed through the new update. These include a second door width function (partial door opening). The light curtain input can be reconfigured to allow the MiDrive controller to be informed of the floor on which it needs to activate the second door width. The door width can be set in the app using a slider control. This makes it possible to open large doors only partially, making the time spent at the stop correspondingly shorter.



In the commissioning process, inputs and outputs are queried and largely self-configured. The only important thing is that the components, such as the light curtain and interlocks, are connected and working properly.

The MiDrive in turn selects the mode for the light curtain (light/dark switching) and a possible diagnostic input (beam monitoring according to EN81-20) itself and reconfigures itself independently.

The current app version is available for download in the usual way from the Apple App Store or Google Play Store. Users who already have the app installed on their smartphone can simply update it.

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