

MPK IQ

Intelligent optimizing functions for your lift

MPK **iQ** Intelligent Lift Control Systems

OPTIMIZES:



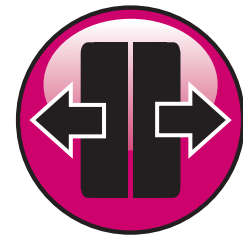
ENERGYSAVING



PARKING



BREAKING-DISTANCE



DOORTIMES

MPK IQ provides on-board software functions for MPK lift control systems and offers the following benefits:

- Efficient, user-friendly commissioning
- Intelligent diagnostics
- Automatic travel profile setup
- Energy saving functionality

There are many benefits of a correctly parameterized lift. As well as providing optimum ride quality at high handling capacities and short waiting and deceleration times, the energy consumption can be significantly lowered and the wear and tear of lift components reduced.

Most state-of-the-art lift control systems are matched to the specific lift and already pre-parameterized, but there are also settings that can only be adjusted when the

lift is in operation. This not only requires an excellent knowledge of the control system and the components used, but also of the specific lift traffic volume. The commissioning engineer needs to have the time to analyse these factors and take them into consideration when making adjustments. Kollmorgen has recognised this situation and developed software functions for lift control systems that automatically optimise the lift's performance. These MPK IQ

functions have been integrated into the software of the Kollmorgen MPK control systems, which can be activated through the control system menu after commissioning.

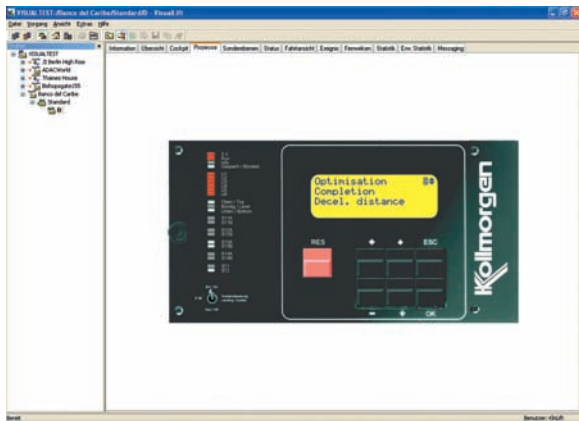
The system performs a travel and traffic analysis after which the control system autonomously optimises the following settings:

- Creep speed distance with digital shaft encoding
- Automatic adjustment of door times
- Expansion of energy-saving options (automatic activation and deactivation of group operation)
- Adaptive parking

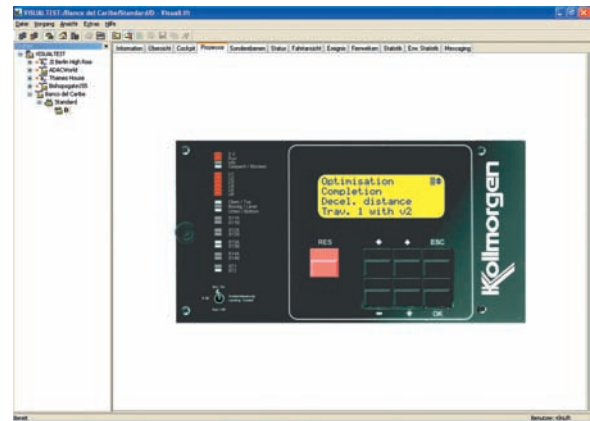
Following the automatic optimisation process, the new parameters can be stored and the MPK IQ function deactivated again via the lift control menu. MPK IQ enables the lift engineering company to deliver a

well adjusted lift to the owner, licensee and lift user with less effort. This improves customer satisfaction and simplifies commissioning and servicing of the lift greatly, while also reducing other cost factors such

as time and energy. Why don't you make use of the competitive advantages of Kollmorgen's next-generation lift control technology?



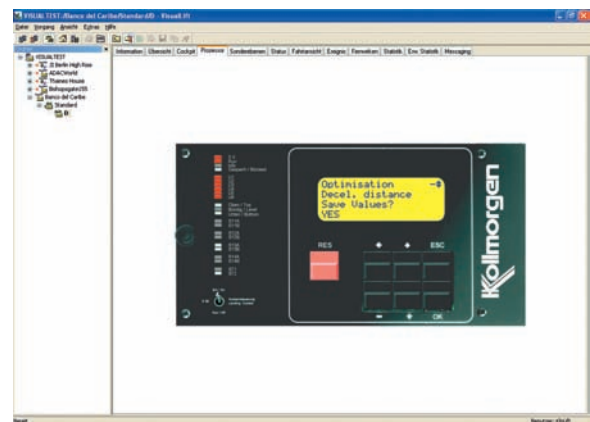
Optimizing creep speed distance



Analysing creep speed distance v 2



Suggestions



Approval

Additional features

- Trigger output for audible / visual indication on detection of a new fault
- History of the 10 most recent operating states