

Swedish shopping center with CANopen-Lift control system



In the Globen Shopping mall 29 lifts use CANopen Lift controllers (Source: Hiselektronik)

One of the biggest projects with a CANopen-Lift control system in Sweden is almost done. The interview by Jonas Tomasson (Safeline Group) with Roger Wickman (Hiselektronik) gives some more details.

In 2018, the Globen Shopping center just outside of central Stockholm decided it was time for a modernization of the nearly thirty years old lifts. With 29 elevators to be upgraded, it was important that the lift electronics were top quality and built to last a long time. With that in mind, the choice fell on Safeline as the provider of the lift electronics. Hiselektronik built the elevator. That meant all electronics, even the car interiors, were to be exchanged and the Thor CANopen-Lift controller from Safeline has been installed in all of the lifts.

Q: Why did the customer decide to go with a CANopen-Lift control system?

A: It is a very flexible system. From now on, they can choose any lift company they want for maintenance or repair jobs. The unique thing about Thor is the fact that it's built to work with, not adapted, to CiA 417 on a Linux platform. Any CANopen-Lift product can be implemented and do



Roger Wickman,
Technical Project
Manager at
Hiselektronik

the job. This means they are no longer obligated to buy from the constructor of the lift. From now on, they choose and pay market prices both for services and products. That of course means a bigger range of services and products as you are not limited to the constructor of the lift. This is more value for the customer.

Q: How future-proof is the selected elevator controller?

A: Very. The open CANopen-Lift protocol means flexibility for the customer to choose any developer and manufacturer. It is continuously developed all the time with new updates and new functions. You can continue building the system with new features without having to change hardware. For instance, the new cloud service that Safeline is currently developing. Once it's done, the cabinets will be fully integrated from the start. Then, you can do everything from the comfort of your office as you would be able to do on-site. They can set timers, parking floors, etc. They can re-program their lifts from wherever on earth. Thor by Safeline is a really powerful controller with endless possibilities. ◀

Safeline and Thor

Safeline is a Swedish lift safety company founded in 1995. The firm has provided clients with over 250 000 installations of lift safety products manufactured in Tyresö, Sweden. It is one of the largest independent manufacturers of lift safety products in Europe.

Thor by Safeline is the touch-based lift controller developed for CANopen-Lift and the modern European lift market. "It is equipped with all the features lift technicians might require from a lift controller – giving users macro control of their lift system and preparing it for the years to come," stated Roger Wickman.

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