



E-levatex-8 exclusive floor lift control system

Having an elevator to stop at exclusive floor is always a feature associated with security procedures taken to limit access to various very important personnel working in research and development facilities or secured installations and high-end condominium living. It is not usual to notice that magnetic coded cards or special keys are used to activate certain floors served by elevators in these buildings or installations. These access control systems are usually incorporated during the design stage of the buildings and are installed during the construction of the buildings. In older buildings, it is not practical for these systems to be installed due to the amount of hacking into the structure as well as the enormous number of cables to be laid and installed to connect the individual offices, apartments to the lift control room.

E-levatex-8 controllers

The E-elevatex-8 exclusive floor lift controller system is one of the projects implemented by Securitex Electronic Systems Engineering to design and build security monitoring and access control systems which can cater to older buildings to enable them to have a security monitoring and access control systems similar to those of the newer building projects.

The E-elevatex-8 controller system is designed to interface with telephony based access control systems. The reliability of the telephony access control system is essential to the operation of the E-elevatex-8 exclusive floor lift controllers. The current version of E-elevatex-8 version 1.04 controllers are designed to *interface with Viscount Systems Inc (Enterphone series) and Trigon Electronics Inc (Miniguard series), as they are renown for their reliability and stability. The installation of the integrated system do not require any cabling from individual apartment units/offices to the lift control room, hence maintenance procedures and cost are drastically reduced. The maintenance program will cover both hardware and software of the system. There is an option to subscribe for a comprehensive plan or a "when it is needed" basis. The manufacturer will maintain spare part support of the system for 10 years.

**The E-levatex-8 controller system can be configured to interface with the user's current telephony access control system.*

Features of the E-elevatex-8 exclusive floor lift controller system

- When a visitor calls the apartment via the telephony access system panel, the resident in the apartment will open the main access door as well as send the lift down to the visitor by punching a 4 digit number sequence on home telephone.
- The current version of the hardware serves up to 4 units per floor. Each unit will be given a unique four digit code which will enable him to open the main access door and to call the lift to their floor via a cellular phone should their home telephone be diverted to it. This security coding system effectively prevents anyone without the proper access codes from going to any floor in the apartment block.
- The E-elevatex-8 controllers are installed in the lift lobby and lift motor room and it is integrated with the existing lift controllers. There is a by-pass switch installed to decouple the system from the existing lift operating system in case of emergencies and routine maintenance performed by the lift manufacturers.
- The installation of the E-elevatex-8 controllers does not alter any existing specifications of the existing lift system presently in operation. The installation of the controllers requires for the lift to be shut down for a few hours to connect the E-elevatex-8 controller relay system to the master lift relay system.

- The system can be installed and implemented within 2 to 3 weeks and testing and handover can be completed in about 2 weeks. The whole project can be completed and handed over to the client in 6 weeks barring unforeseen circumstances.
- The system is designed in a modular structure to facilitate easy maintenance. Faulty units can be programmed and replaced within 24 hours and hence the system down time is negligible.

Installation

SecureRus has an in-house team of engineers and technicians that does the installation and maintenance of the system. The company has a comprehensive set of installation and maintenance procedures to ensure that properly trained staffs are deployed to install and maintain all the systems installed. A representative from the manufacturer will be present during the testing and commissioning phase to ensure the system conforms to manufacturer's specifications.

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