

Now you know what an elevator system is really capable of.

For additional information and the location of your nearest Schindler branch, please contact:

www.schindler.com



Schindler PORT Technology
Evolution in destination control. Revolution in personal comfort.

Efficiency

Getting passengers faster to their destinations and using less energy at the same time – that is what PORT is all about. High-tech destination control with an understated design that merges into the building environment. An obvious choice.

Exclusivity

This technology eases your modernization efforts, stands out with its futuristic design for new elevators – and its smart system allows a personalized configuration for all tenants via a code or key card. An individual solution for everyone.



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Schindler

When being one of a kind means fitting all kinds of needs.

The PORT Technology

The PORT Technology is the only third-generation destination control system available and benefits from Schindler's over 30 years of experience in the field. It's group control algorithm has been shown by independent tests to give superior results in all traffic conditions. The system provides users with a highly superior interface known as the Personal Occupant Requirements Terminal or PORT with which to communicate. Using the PORT allows simple, natural-language communication with each passenger so the result is each person knows instantly where to go for a seamless ride to their floor. Any building where more than one elevator is required can experience significant improvement in functionality and performance using PORT.

The journey to Transit Management starts here

Transit Management, based on The PORT Technology, is a new service developed by Schindler, which offers fundamental improvements in building design and management. By planning every occupant's journey around a building and providing them with the means to reach their destinations quickly and easily, Transit Management optimizes the operation of the entire building with integrated access, guidance, transportation and security. The result is more rentable space, lower energy consumption and better security. Your purchase of The PORT Technology for your elevator system will enable you to take an important first step towards Transit Management in your building.

Options

Personalized Elevator Service

The PORT can be configured to only present the floors relevant to each individual. It can be set to a pre-determined destination, or can learn passenger preferences over time.

Access Control Built In

Each PORT incorporates a state-of-the-art card reader. This, together with the included card management system means that a sophisticated access control is possible.

Touch-less Operation

A card can be held at the reader while allowed destinations scroll down, and removed when the required one is reached. This mode removes the need to touch the screen.

Configurable Screens

PORT screens can be adapted to the corporate look and feel of a specific customer and each tenant, if appropriate, can have their own logo incorporated into their button.

Equal Access for all

Since The PORT Technology knows the specific needs of each passenger, those with disabilities can have their exact requirements met rather than the aggregated "disabled operation" offered by other systems. Such items as walk times, door times and allotted cab space can be modified.

High tech. High touch.

Many options of PORT, one standard of personalized service

We recognize that aesthetics are as important as functionality which is why with PORT you have so many choices. There are a wide range of PORT terminals to suit your specific needs with each being able to co-exist with the other due to one design language being deployed throughout.

With 3 distinctive standard color schemes to choose from, black, white and silver we believe that we can perfectly tailor a PORT solution to exactly fit the needs of your building.

And top of those needs is the high touch personalized service that will make your building distinctive in today's competitive environment. Personalized service that only The PORT Technology can provide and can be tailored to your specific building or user group.



Low energy

The PORT Technology can, by software alone, significantly reduce the power consumption of your elevators by using our exclusive Energy Control Option or ECO module. This approach works by taking some elevators out of service during light traffic. This results in a small increase in waiting time but this is controllable. The remaining cabs are loaded as much as possible to exactly the weight of their counterweight so that very little energy is required to move them. This means that energy is saved in two ways.

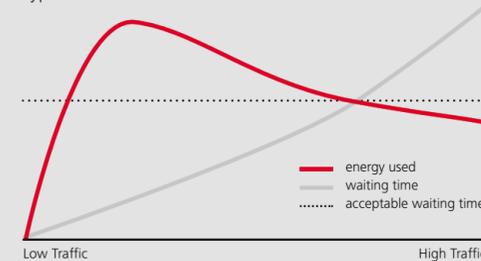
By running less elevators and by running those remaining in service more efficiently.

The PORTs themselves incorporate low energy components and a people detection system to allow them to stay in low power mode until they are needed.

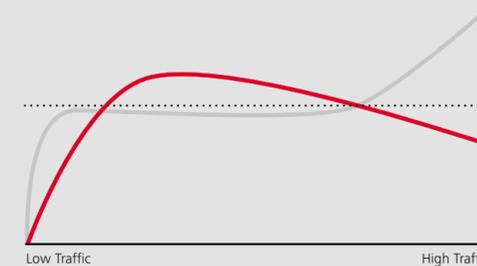
All PORTs are manufactured in Switzerland under ISO 14000.

Relation of energy usage and waiting time

Typical elevator



Elevator in ECO mode



Managing large groups of people also means taking care of the individual.

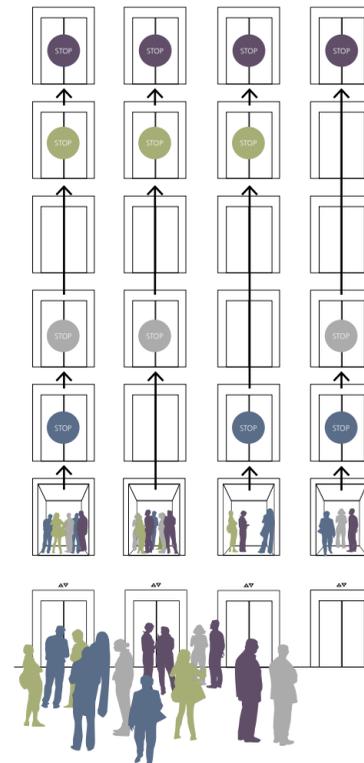
So what is destination control?

The use of destination control, where the elevator system knows ahead of time the required destination of each passenger and can assign them the best cabin has become increasingly accepted for the control of elevator groups since Schindler introduced the first practical system over 30 years ago. The ability to pre-sort passengers so that the num-

ber of stops each cab needs to make is minimized allows destination control systems to achieve much greater efficiencies than conventional ones.

The theory of destination control is simple, but, as is often the case, it is the quality of the implementation that determines how much benefit will actually be derived.

Conventional



The PORT Technology

