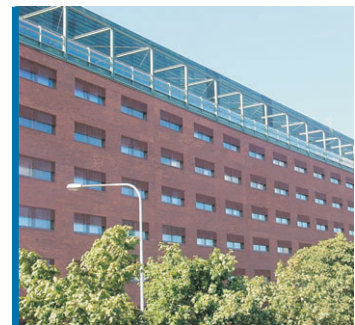


HEADQUARTERS OF SENATE PROPERTIES

Integrated building management systems

HELSINKI, FINLAND



Efficiency, indoor comfort, energy savings - high-quality premises require several criteria to be fulfilled. The integrated Lonix solution combines the most advanced technologies into a complete solution for intelligent buildings. The solution guarantees an efficient yet economical environment for your business.

The facility complex Lintulahdenkuja 4-6 in Helsinki includes one of the most advanced truly open, integrated automation solutions in the world. The facility consists of headquarters of Senate Properties and premises of Stakes, including 570 rooms/spaces and more than 5 800 automation points. Senate Properties is a government owned enterprise responsible for managing and letting the property assets of the Finnish state. The automation solution has been functioning perfectly since 2002, thus exceeding all expectations of the quality conscious customer.

The systems were designed from the very beginning in an integrated manner. Lonix modules, handling the controls of heating, cooling, ventilation, lighting as

well as room controls, are distributed into electric cabins and rooms. Distribution allows for system flexibility and minimized use of cables. Modules function as independent control units and communicate over LON using standard network variables.

The Linux based COBA server collects the data from all building management systems, thus providing a standard interface for a variety of applications, such as the "Reporting Facility" application by Granlund. The investment in integrated systems has resulted in much lower operating costs and extremely comfortable conditions to work in.

Lonix provides core technologies for intelligent building systems. Solutions involving the forefront Lonix technologies bring comfortable, healthy and energy efficient indoor conditions to all kinds of buildings.



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