



# SBIA

Stamatiou Building & Industrial Automations

**Smart Building  
Control System**





# Smart Building Control System

## Smart Building Control system - Energy management according to ISO50001

Construction companies, architects, civil engineers and investors in tourism and recreation building have been using our expertise in building automation along with experience in telemetry and software development.



We manufacture and install smart controlling systems with elevated capabilities for home, office, commercial, tourism, hotel and warehouse appliances. Our system not only includes energy management and energy footprint reduction according to ISO50001 requirements but provides the tools and the necessary intelligence for the facility to get close to NZEB requirements. Our systems offers also the maximum contribution and capabilities for BREEAM certification. Some specs and properties are mentioned below.



## Smart Building Control System

- Dynamic User profiles in order the system to adjust the right variables for optimum use of energy versus wellness
- Use/mode profile in order the system to adjust for optimum use of the property
- Indoor-outdoor conditions, differential enthalpy, dew point, stored energy and demand management
- P/V, renewable, backup and multiple energy sources handling
- Wellness handle (light/shade, noise dumping)
- Air quality handle (CO<sub>2</sub>, VOC, RH)
- Alarm handling (intrusion, heat/smoke, fire, leakage)
- Access control including dividing the areas to multiple users
- Receptionless Check in
- Telemetry and remote control even for hundreds of apartments
- Trends, records, statistics and data base handling



**The new system can manage and read an older or already implemented KNX installation.**

**Profiles are applied either locally or remotely. Control screens are installed inside the use areas.**

**Our systems are based on PLC/HMI/SCADA combination along with ethernet or profinet networks build and tested on very big complexes without problems or distance limitations.**

***Built to work,  
built to last***







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**SBIA is a high-tech company that specializes in developing of industrial and building automation, production improvement tools, facility management systems, control and analytics systems, and software development.**

PLCs, SCADA, HMI, process know how, specialized industrial techniques are some of SBIA's qualifications. We are a Siemens AG registered and qualified systems integrator as also technical partners with many well established businesses in the area, manufacturers, experts as also Universities and research centers. With more than 650 reference projects with top results and production impact, we are aiming at your best service with high efficiency products.

Our vision is to upgrade and develop the quality of technical services provided to industries and set a course that will take us to the level of dynamic competitiveness in the global market.

With 20 years of experience in the field of industrial automation, SBIA can guarantee for your company an immediate response to any of your demands. With well-organized manufacture and distribution departments combined with our competitive rates we aim at increasing our productivity and thus offer you the result you are looking for. At SBIA we stand out for designing smart systems which can be innovatively applied in industries of all types, offering solutions and tools to any production system.

