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For all other countries:
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For more information please visit:
http://system.eubac.org/

About eu.bac

eu.bac is the European Building Automation and Controls Association. We represent the European manufacturers of products, systems and services for home and building automation. This corresponds to an annual market of approximately €4.4 billion. With this economic potential, we are Europe's largest platform dedicated to energy efficiency in buildings.

Our Vision
"A world where energy efficiency and sustainability in every building is achieved through the optimal application of home and building controls, automation systems and services."

For a full and updated overview of our membership, please visit our website: http://www.eubac.org

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eu.bac-certified building automation – for energy-efficient and sustainable operation

System eu.bac european building automation controls association

ENERGY Performance

Building Name

AA

AA
A
B
C
D
E

System points (Range 0 ... 100) **91**

Version 2014

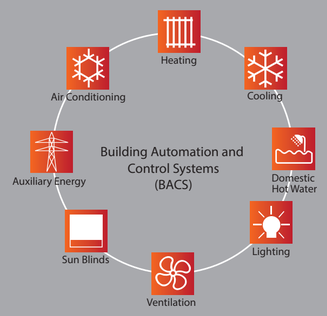
Role of building Automation and Controls for Energy Efficiency in Buildings

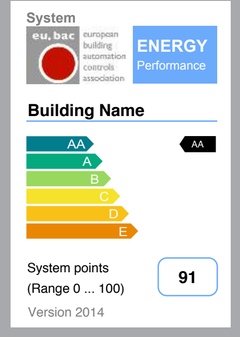
The core functions of a building automation system are the monitoring and control of building systems: heating, cooling, air-conditioning, lighting and shading.

Well-designed and -maintained systems attain the desired level of comfort and, at the same time, optimise the energy consumption.

The energy-saving potential and life-cycle aspects that can be achieved through building automation are not considered comprehensively enough in current building certifications such as LEED, DGNB, BREEAM, etc.

The eu.bac System method closes this gap. The methodology is based on existing standards (EN 15232) and is scientifically tested by the Technical University in Dresden. This system audit helps to identify the energy saving potential and evaluates the level of efficient system operation.





Life-cycle approach of eu.bac System method

The procedure ensures support during the planning, commissioning and operation of an energy-efficient building automation system, thus providing considerable added value in the different phases throughout the life-cycle of the system.

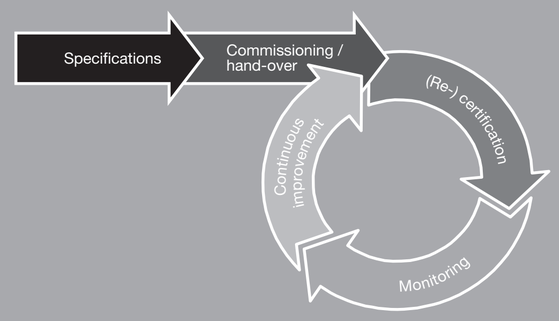
Specifications
- Identifies the parts of the building that are the focus of the energy and comfort considerations
- Facilitates selection of the desired efficiency class
- Simplifies the specification of the required functions

Commissioning and hand-over
- Confirms the correct implementation of the specified building automation system
- Provides for a standardised hand-over report

(Re-) certification
- Awards a certificate with the control system efficiency class
- Supports sustainable operation through periodic re-auditing

Monitoring
- Supports continuous, automated evaluation of key performance indicators (KPIs) for efficient operation

Continuous improvement
- Identifies main improvement areas based on the analysis of the KPIs
- Proves the effect of the implemented improvements



Customer benefits

The eu.bac System method ensures that the building automation system controls optimally throughout its entire serviceable life. It supports the efforts to reduce energy and life-cycle costs.

Building Investor Benefits
- Clear verification of the proposed energy efficiency through a proven independent audit

Facility Manager Benefits
- Improved energy efficiency and comfort levels
- High performance visibility, to take informed decisions
- Lead in the promotion of best practice

Consultant Benefits
- Standardization of design in compliance with EN 15232

Building Owner Benefits
- Certified efficiency increases rental and building stock value
- Certified efficiency increases rental and building stock value
- Availability of measurable on going performance data
- High-performing buildings give better return on investment.
- Potential to benchmark energy performance against similar buildings
- Reduced energy consumption and opportunities to re-negotiate utility tariffs