

Intelligent Home Systems

Pre Information/Site under construction



21st Century buildings have got to perform significantly better in economic, environmental and social terms. Better performance depends on the improved use of information and systems, which is why more intelligent buildings are needed. As well as providing greatly enhanced communications, intelligent buildings with intelligent technologies allow the remote monitoring and control of building systems such as lighting, heating, security and safety, and the potential for much more. The convergence of building management and control systems with communications and IT infrastructures means that intelligent buildings can now be more effective than ever in increasing building performance.

Intelligent systems can provide integrated systems incorporating:

- **Information** and communications networks including data transfer and telephony
- **The building** environment: HVAC (heating, ventilation and air conditioning), lighting and electrical equipment;
- **Energy management:** integrated energy management across buildings, estates and campuses;
- **Security systems:** CCTV, access control and intrusion detection; Critical systems: building safety and protection of building occupants;
- **Asset management:** tracking and monitoring of physical assets and personnel.

Our aims are:

- **To improve** awareness and understanding through education and training for all levels of stakeholders within the intelligent building community.
- **To provide** independent quantification and confirmation of the environmental, **social and financial benefits** arising from intelligent building systems.
- **To carry out** research and advise policy makers (including industry and standards committees) in order to contribute to policies and the direction of the intelligent building market.
- **To present** nationally and internationally recognised intelligent building events.

To establish a fixed built asset, for the demonstration and quantitative evaluation **of future intelligent building systems.**

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The Founders of BENSА UK Ltd.



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