

MASTERY

in Collective Intelligence

Intelligent Building Solutions

 **Probil**

Mastery in Collective Intelligence: Intelligent Building Solutions

An intelligent building enables you to do more with less. It integrates core building, security and life safety management systems and utilises automated monitoring and control for maximum operational and cost efficiencies without detriment to building occupants. It provides one common platform to develop applications which are scalable, inter-operable and manageable from a single point, a PC.

Leveraging an IP network from the outset of a project incurs little or no extra cost and delivers savings and ROI throughout the life of your building.

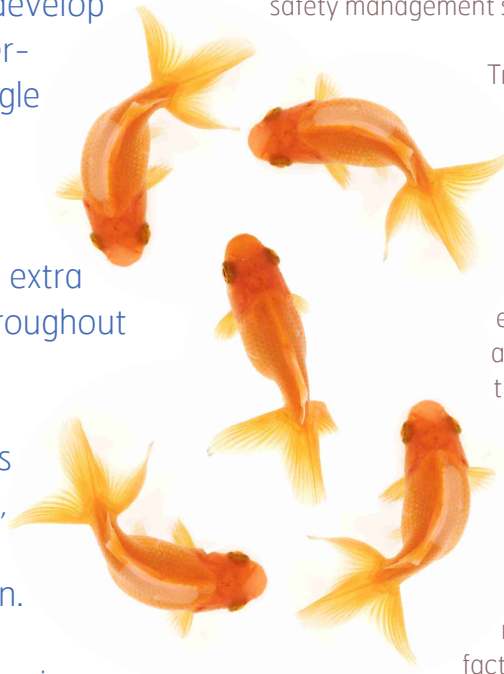
Direct connectivity of control systems to IP delivers improved functionality, reduced operating costs and new opportunities for revenue generation.

With 75% of a building's expense lying in operating and maintenance costs, decisions taken at the design and construction phases have far-reaching financial and operational implications.

Expert advice from the start

- Robustness
- Delivering value through unrivalled experience and knowledge
- Design optimisation
- Monitoring and management
- Reduced operational costs
- Increased functionality and operational efficiencies
- Lower installed costs
- Increased safety and security
- Risk mitigation

Today's building owners, facilities' managers and occupiers face a dilemma: how to manage the ever-decreasing budgets against the ever-demanding targets? As buildings become more sophisticated, there is a greater need to create and maintain a safer, more secure and comfortable environment, and all these as cost-effective as possible. The intelligent way to achieve these goals goes through a holistic approach to the building itself: security and life safety management systems.



Traditional building management systems have grown up around separate, stand alone applications for HVAC, Energy Management, fire, CCTV, Access Control and lighting each with its own monitoring and control station. Whilst these individual building, security and life safety management solutions provide clear benefit to end users, information is restricted to narrow silos. Separating data slows response times and blurs facts in an emergency.

The real power lies in managing them as one, intelligent solution with a single point of control. Adopting an integrated approach - a data management engine if you like - facilitates information sharing between departments. It delivers an enterprise-wide view and enables automated building control processes to perform on the basis of all available information within the different systems - increasing productivity yet reducing costs (installation and life cycle) and risk.