

Case Study: Building automation

80% of new construction projects will feature automated lighting control systems
(Lighting Controls Association)

THE CLIENT: DimOnOff

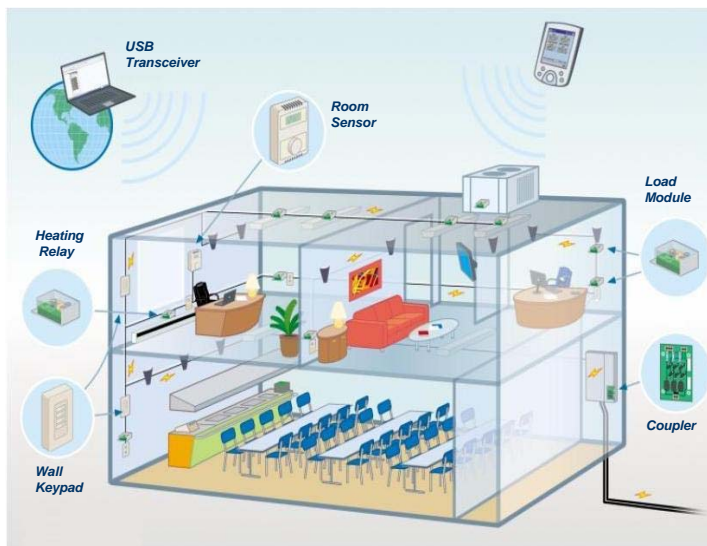
DimOnOff is an innovative company specialized in Building Automation and Industrial Energy Management solutions. One of the company's objectives is to offer control solutions to building managers who want to lower their operating costs without sacrificing user comfort.

THE OBJECTIVE: DimOnOff wanted to market cost-effective products to offer increased building control and better energy efficiency to their clients. The products had to be designed for lighting control, heating and cooling management, security, access control, and energy monitoring. Furthermore, they had to interface with the company's Web-based software application developed to control and program the automated systems over the Internet. Most important, they had to be hassle-free for new and existing building installation.

THE PROBLEM: The products had to be easily programmed, easily installed and easily controlled. Alternative solutions need extensive programming and installation and operating expertises and were not adaptable for ease of use and/or too expensive to retrofit in existing buildings.

THE SOLUTION: DimOnOff opted for Ariane Controls' technology as the problem solver. The decision was based on the technology's reliability, simplicity and low pricing. Also, a reliable PLC-enabled device can be simply installed both in new and existing buildings.

The decision to work with Ariane Controls was also based on customer support quality. Ariane's engineering team provides suitable design solutions, software development services, and after-sales support that was necessary for DimOnOff.



REAL END-USER ECONOMIES

Some easy to install products seen in the diagram can drastically reduce electricity consumption: better controlled lighting can reduce lighting energy consumption by up to 50%. Combined with other products, the reduction can be very important.

Ariane Controls' Powerline communication is an essential technology for building automation since it allows simple, low-cost installation and maintenance of easily modifiable and expandable automated networks using the existing building wiring.

„ We have found at Ariane Controls a simple, powerful and versatile technology and all this at a very competitive cost.“

(Bernard Têtu, President of Dimonoff)

