

Indrion Technologies

www.indrion.co.in

Year of Incorporation: 2007

Category of Innovation: Startup



Company overview: Developer of ambient intelligence solutions for energy efficiency and security using embedded software based systemic technologies. The specialisation includes learning-based wireless sensor networks (sensor, control and actuator interfaces); energy harvesting; alternative energy interfaces (solar etc.); IP network mapping; algorithms; middleware; data mining; library (kits (SDKs); protocol stack development; and software for Sensor Network Design, maintenance, analytics, etc.

Innovation: Indrion has been able to achieve energy efficiency realisation by integrating sensor network intelligence into work environments. The company has enabled fine-granular control over IP networks, addressing all three vertices of the energy efficiency ecosystem - sensor, actuator and control.

Impact of Innovation

Internal: The company has achieved a large increase in its customer base, while raising customer satisfaction levels by 100 percent and employee delight by 90 percent, owing to the innovation.

External: Indrion has created a new revenue stream for customers and improved their existing revenue generation options by increasing efficiency, scalability, adaptability and micro-zone control with embedded software differentiation. The company has helped in the creation of intelligent infrastructure in commercial and industrial environments; increased energy efficiencies in data centres; reduced operational costs; and enabled the creation of solutions that can be adapted to different applications and are scalable easily. The company's core technology can be adopted to create solutions in health care electronics, where embedded sensor interfaces make health care monitoring more effective. Thus, the innovation promises to have a significant impact on the energy industry and social scenarios.

