



JD CONTROLS

MAKING BUILDING SMARTER

JD Controls is dedicated to providing innovative building control solutions.

Our goal is to deliver simple solutions that enhance comfort and optimize energy efficiency in your buildings.

The background of the slide features a photograph of several business professionals in a meeting. In the foreground, two individuals are shaking hands, symbolizing agreement or partnership. The image is overlaid with a large, dark blue diagonal shape that runs from the top-left towards the bottom-right. This shape contains two thin, parallel white lines. The overall aesthetic is professional and modern.

Our Mission

We are committed to making integrated automation smarter and more efficient. Our solutions enhance building occupants' comfort and safety, enable data-driven decisions, and reduce costs and downtime while improving productivity.

Our Vision

We empower customers to manage connected devices with centralized monitoring, control, and data analytics. Our IoT-driven solutions enhance energy distribution, streamline waste collection, reduce traffic, improve air quality, and support security, all aligned with the smart city concept.

ABOUT US

JD Engineering & Solution, based in Coimbatore, India, designs and manufactures affordable, open systems for energy management and building automation across various sectors. With over 15 years of experience, our engineers excel in delivering tailored solutions like IBMS, tenant billing, and renewable energy systems.

Combining deep technical expertise with a strong track record, we are committed to innovation and continuous improvement. Our advanced R&D department leverages the latest technology to enhance existing products and develop new, cutting-edge solutions.



Our Turnkey Solutions



WHY US?

At JD Controls, we offer the exact solution you need. Our expertise lies in delivering seamless, flexible, vendor-neutral, and open-protocol building automation solutions—whether for upgrades, maintenance, or retrofits.



EMSI Program

**Partnering
Excellence**

**Comprehensive
Vertical Coverage**

**Innovation in Building
Automation**

WE MAKE YOUR BUILDINGS

Energy Savings Integrity

Make a facility greener by adjusting room temperature based upon occupancy or usage pattern.

Green

Make The Connection of Renewable Energy Sources easy Reliable and Cost-Effective.

Efficient

Measure and Control Energy, Automate Provide relevant diagnosis.

Reliable

Prevent Power Outages and Energy Quality Variances.

Safe

Transform and Distribute Power Safely to Protect People and Assets.

Productive

Manage Processes Make all the Utilities of any Infrastructure More Efficient.

Reliable

Intelligent Integrated Building management system

An Intelligent Integrated Building Management System (IIBMS) aims to streamline and automate the management of mechanical, electrical, and plumbing services in a building. By integrating various controls and sensors, it optimizes operations for energy efficiency and comfort. This includes managing HVAC systems, lighting, and other utilities, ensuring that they operate only when needed and in the most efficient manner. The ultimate goal is to enhance the building's operational efficiency, reduce energy consumption, and support green building initiatives.



Smart city technology & Lighting Control System

Cloud-based IoT applications enhance smart cities by leveraging real-time data to improve decision-making. They help municipalities, enterprises, and citizens by optimizing energy distribution, streamlining trash collection, reducing traffic congestion, and improving air quality. Smart Lighting systems exemplify this by integrating IoT devices to manage lighting efficiently through a central control system. These systems use communication networks to adapt lighting based on environmental changes and user inputs, promoting energy savings and operational efficiency.



SMART CITY TECHNOLOGY & LIGHTING CONTROL SYSTEM

JD Controls offer cloud-based IoT applications that receive, analyze, and manage real-time data to support municipalities, enterprises, and citizens in making informed decisions that enhance quality of life.

Smart cities leverage a mix of IoT devices, software solutions, user interfaces (UI), and communication networks. This integration helps communities improve energy distribution, streamline trash collection, reduce traffic congestion, and enhance air quality and energy efficiency.

A lighting control system, also known as Smart Lighting, is an intelligent, network-based solution that uses one or more central computing devices to manage and communicate between various lighting inputs and outputs efficiently.

Energy Management System



Energy management systems (EMS) are essential for commercial entities to monitor, measure, and control electrical loads in their buildings. Our En-Soft EMS enables centralized analysis of devices such as HVAC units and lighting systems across various locations, including retail stores, grocery stores, cell phone towers, wind mills, hotels, commercial complexes, hospitals, and restaurants.

These systems provide metering, submetering, and monitoring functions, allowing facility and building managers to collect data and gain insights. This empowers them to make informed decisions about energy management and optimize energy activities across their sites.

Tenant Billing Software

JD Controls integrated Billing Module is an intuitive and versatile application that simplifies monitoring tenant utility usage and generating invoices. It combines monitoring and invoicing functions, allowing users to create invoices either manually or automatically, catering to diverse utility usage patterns.



OUR SOLUTIONS

Design Engineering & Consultancy

Expertise in designing and consulting for building automation and energy management solutions.

Software Programming & Graphic Generation

Custom software solutions and graphical interface development tailored to building management needs.

Building Management System (BMS)

Integrated systems for efficient control and monitoring of building operations.

Energy Management & Tenant Billing System

Solutions for optimizing energy usage and managing tenant billing effectively.

Cloud-Based Remote Monitoring System

Real-time monitoring and control solutions accessible via cloud platforms for enhanced efficiency.

OUR PRODUCTS

HMI (Human-Machine Interface)

Interfaces designed for intuitive interaction with building automation systems.

Converters

Devices enabling seamless integration and communication between different protocols.

DDC Controller & Modules (Direct Digital Control)

Controllers and modules for precise and efficient management of building systems.

Field Sensor

Sensors designed to capture and transmit data for monitoring various environmental parameters.

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