

NUOS®



Let's Succeed Together!®
UNIVASTU
INDIA LTD

NUOS ZIGBEE WIRELESS BMS

SMARTER INFRASTRUCTURE. ZERO WIRING.

India's advanced wireless
Zigbee-based Building Management System





NUOS

BUILT FOR INFRASTRUCTURE SCALE

NUOS is a pioneer in wireless Zigbee-based Building Management Systems, backed by over a decade of IoT innovation in automation, hardware design, and software.

We eliminate extensive cabling, conduits, and legacy BMS limitations to deliver smart buildings that are faster to deploy, easier to manage, and better for the planet.

NUOS is a Made-in-India, IoT-first BMS manufacturer. We design and build everything in-house from hardware to app to cloud dashboard.



10+ Years of R&D



1000+ Sites Automated



Trusted across Builders, Metro Rail,
Retail Chains, Commercial Campuses



Zigbee-based Wireless
Architecture



Works for both New Projects & Retrofits



Fast to Deploy.
Easy to Scale.

HOW IT WORKS

Wireless. Scalable. Real-time.



Zigbee Sensors &
Controllers



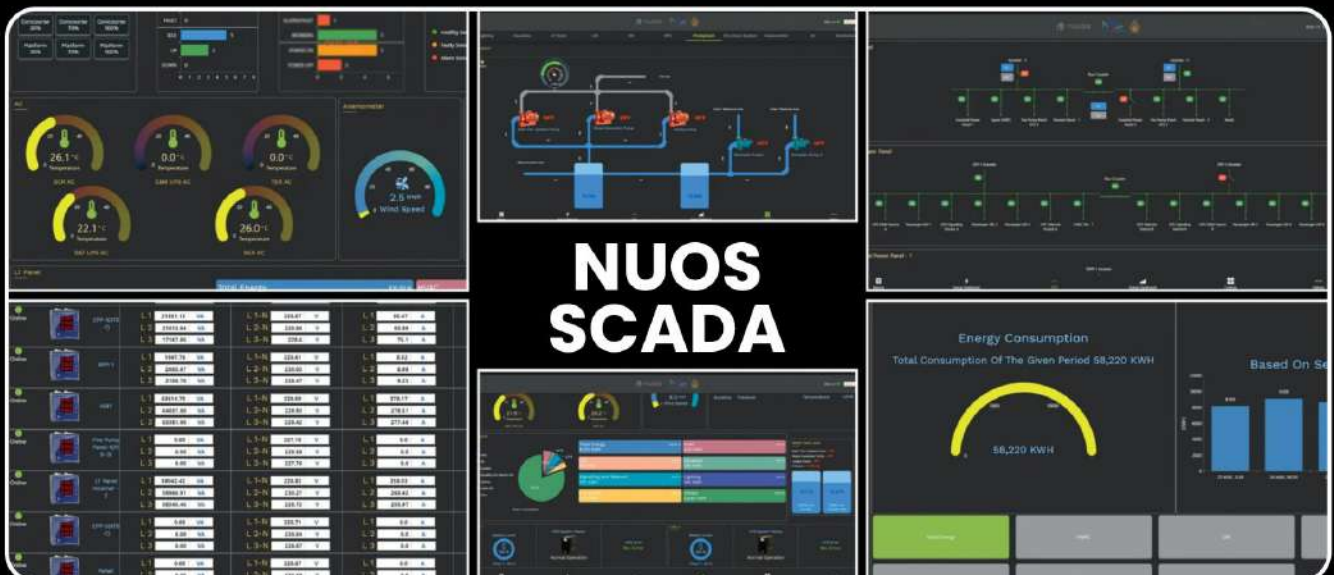
NUOS Gateway + Server
in Single DB



Desktop SCADA App

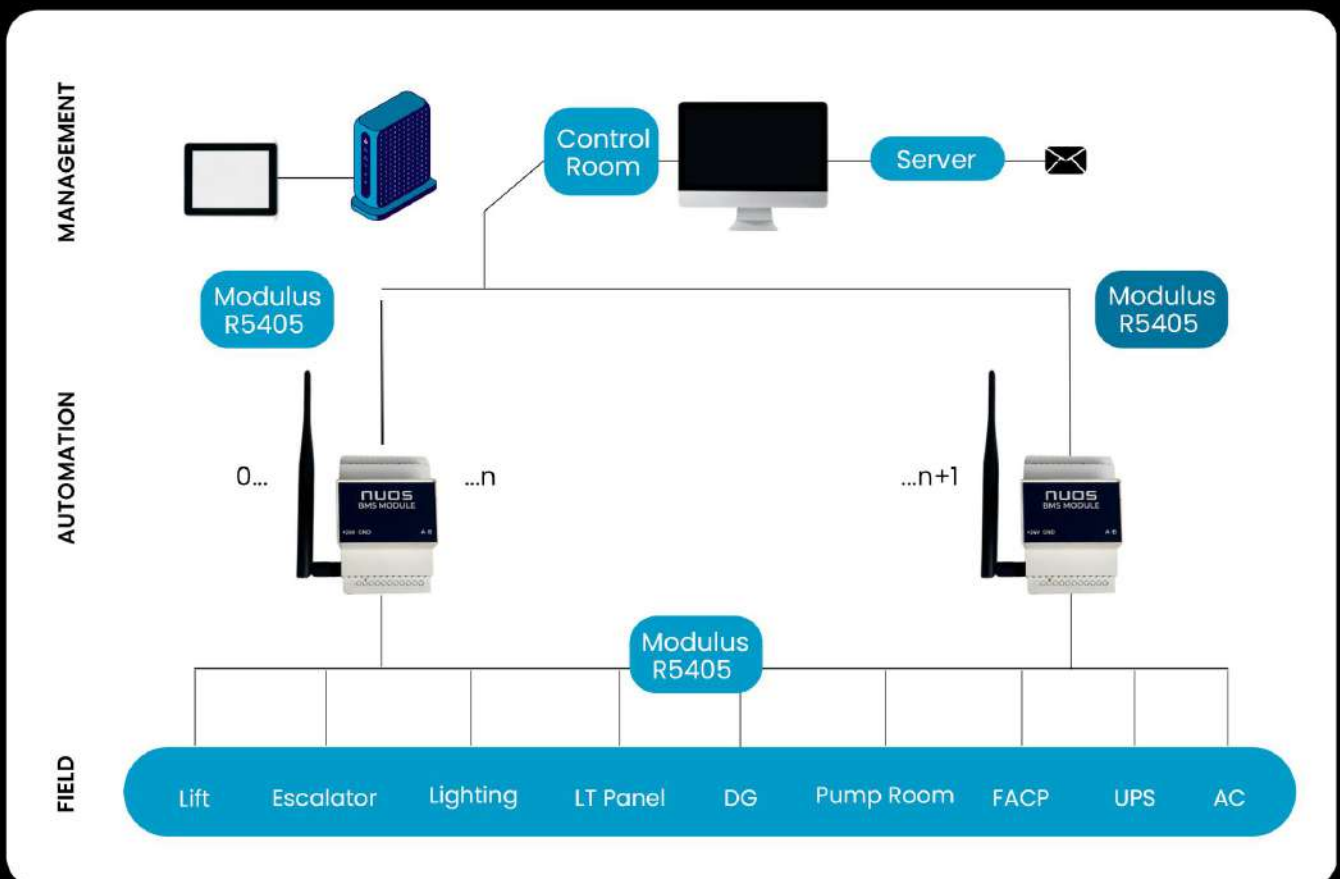


Real-Time Monitoring,
Alerts & Optimization



SYSTEM ARCHITECTURE

1. Wireless Field Devices (Zigbee Sensors, Controllers)
2. NUOS Gateway
3. Cloud Platform (No server room)
4. Access: App + Web Dashboard
5. Optional: Push Data to SCADA/HO





WHAT CAN NUOS CONTROL?

Full Facility Control – Wirelessly



Lighting System



Escalator System



Lift System



UPS System



FACP System



HVAC System



DG System



Sensors System



Energy Dashboard




LT Panel System




Fire Safety System

NUOS Live SCADA/ Dashboard



 Live Station Faults - Instant alerts for lift/escalator stoppage, FACP alarms, HVAC failure, etc.

 Energy Monitoring - Track power use for systems.

 Reports - Auto-generated reports for performance, uptime, and savings.

 Accessible via Desktop App - Access from station, depot, or HO anywhere.

WHY GO WIRELESS

Traditional BMS

- Bulky CAT6 wiring
- Expensive conduits & repeaters
- Requires server rooms & cooling
- High energy consumption
- Complex installation
- Inflexible layouts
- High maintenance

NUOS Wireless BMS

- 100% Wireless Zigbee Network
- Zero cabling cost
- No server room
- Improved energy efficiency through wireless automation and centralized monitoring.
- Quick plug-and-play setup
- Easily scalable
- Lower maintenance due to fewer failure points.

INFRA BENEFITS



Ideal for Metro, Towers, Hospitals, Retail



Green Building Compatible



No Rewiring



30-40% Energy Saving



Fast ROI



Plug & Play Retrofit



Dashboard Access for HO/Command Center



CONTACT US

Zigbee Wireless BMS | Cloud Monitoring | Infra Automation

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