www.infobrainltd.com
contact@infobrainltd.com
09039912634, 08086462204
We Simplify. We Automate. We make life better

INFOBRAIN TECHNOLOGIES NIGERIA LTD
Research & Automation
RC 7331441

Home & Office Automation Proposal

InfoBrain Technologies proposes the design, deployment, and management of intelligent Home and Office Automation systems that improve comfort, security, energy efficiency, and operational control through smart technologies. Our solutions are scalable, secure, and tailored to residential, corporate, and institutional environments.

Scope of Automation Services

- Smart Lighting Control (indoor & outdoor)
- Smart Power & Energy Management
- Automated Climate Control (ACs, fans, thermostats)
- Access Control & Smart Locks
- CCTV & Smart Surveillance Systems
- Motion, Smoke & Intrusion Detection
- Smart Conference & Office Room Automation
- Voice-Controlled Automation (Google / Alexa compatible)
- Mobile & Web-Based Control Dashboards
- IoT Integration for Existing Electrical Systems

Technologies & Architecture

- **IoT Devices:** Smart switches, sensors, relays, controllers
- **Microcontrollers:** ESP32, Arduino, Raspberry Pi
- **Automation Protocols:** Wi-Fi, Zigbee, MQTT
- **Backend Systems:** C# (.NET Core), Node.js
- **Frontend Dashboards:** React.js (Web), Mobile Apps
- **Databases:** Microsoft SQL Server
- **Cloud & Servers:** AWS / Azure (Windows Server)

Deployment Models

Model	Description	Use Case
Cloud-Based Automation	Remote access, analytics & scalability	Corporate offices, estates, hotels
Local / Hybrid Automation	Works offline with optional cloud sync	Private homes, secure facilities

Project Timeline

> Requirements gathering, site inspection, system design, installation, configuration and first live deployment: **4 – 8 weeks** depending on project scale.

Pricing Structure (Indicative)

Package	Description	Starting Price
Basic Home Automation	Lighting, power control, mobile app access	₦3,000,000
Advanced Home Automation	Lighting, climate, security & voice control	₦5,500,000+
Office Automation	Meeting rooms, access control, energy management	₦8,000,000+

Final pricing is determined by building size, number of automation points, device brands, and integration complexity.

Maintenance & Support

- Monthly Monitoring & Support: from ₦250,000
- Annual Maintenance Plan (discounted): from ₦2,000,000

Maintenance covers system monitoring, firmware updates, diagnostics, and minor reconfigurations. Hardware replacement and power infrastructure upgrades are excluded.

Why Choose InfoBrain

- Custom-built automation tailored to any environments
- Secure, scalable and future-ready solutions
- Expertise in IoT, software & infrastructure
- Reliable post-deployment support

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