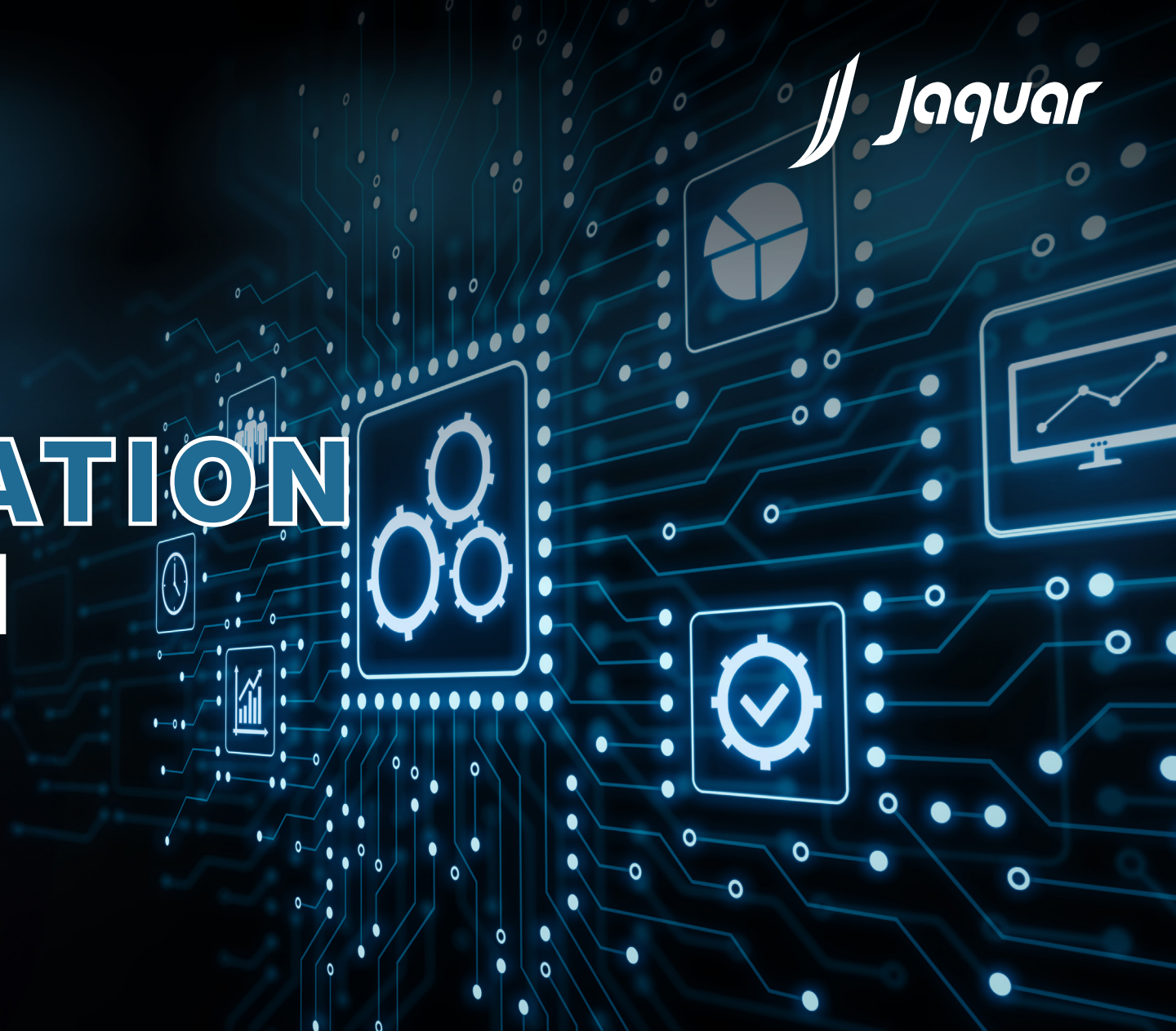
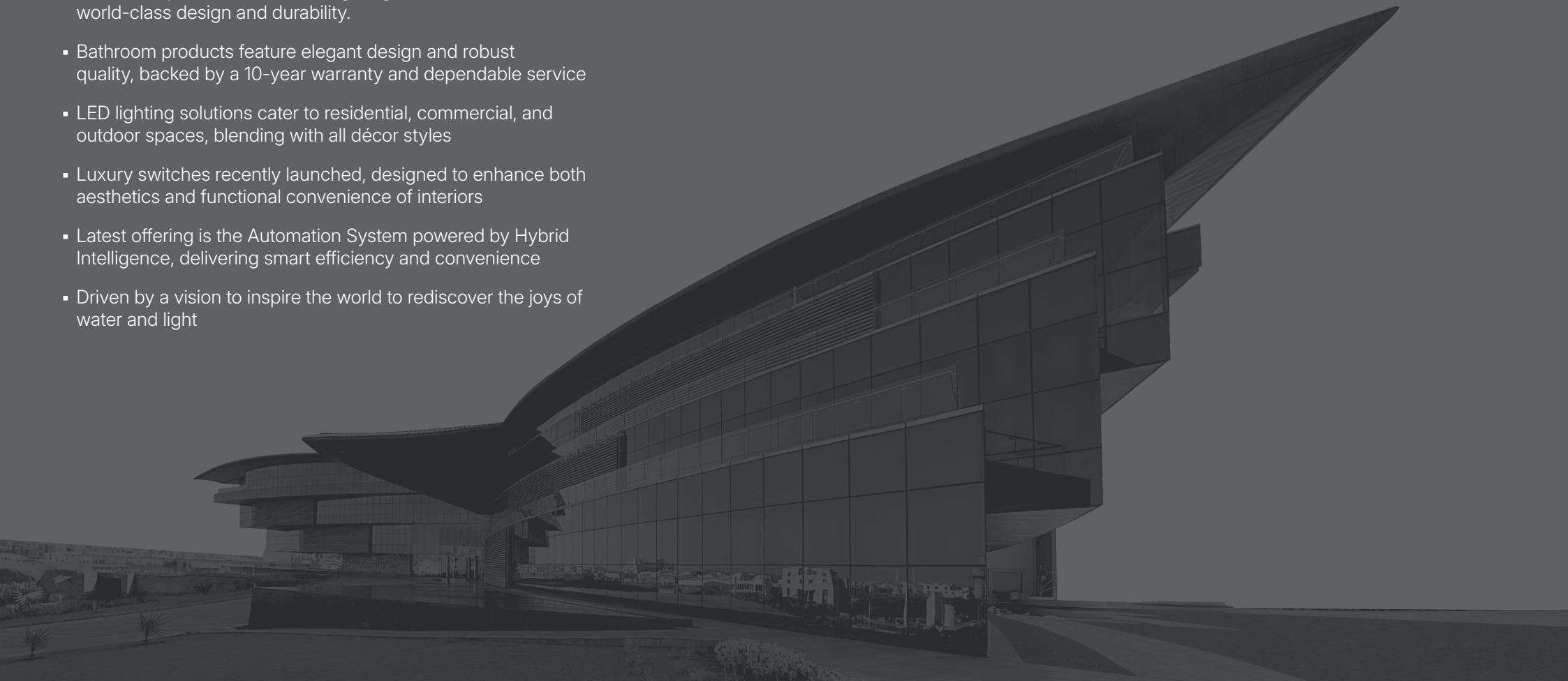
JAQUAR AUTOMATION SYSTEM

Hybrid Intelligence



JAQUAR GROUP

- Founded in 1960, Jaquar is a global superbrand built on quality, aesthetics, and innovation.
- Offers complete bathroom and lighting solutions with world-class design and durability.
- Bathroom products feature elegant design and robust quality, backed by a 10-year warranty and dependable service
- LED lighting solutions cater to residential, commercial, and outdoor spaces, blending with all décor styles
- Luxury switches recently launched, designed to enhance both aesthetics and functional convenience of interiors
- Latest offering is the Automation System powered by Hybrid Intelligence, delivering smart efficiency and convenience
- Driven by a vision to inspire the world to rediscover the joys of water and light



Jaquar. A group on a mission.



JAQUAR BRANDS

Jaquar Group caters to all market segments- luxury, premium, and value- across residential and commercial sectors globally, through its three leading brands:

Artize

- Celebrates exquisite craftsmanship and design mastery
- Caters to luxury segment
- Crafted for luxurious bath spaces with perfect harmony
- So refined, it inspires the aesthetics of entire living spaces

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Jaquar
BATH + LIGHT

- A global superbrand known for innovation, technology, and design
- Caters to premium segment
- Offers ergonomic, stylish, and durable bath and lighting solutions
- Trusted worldwide for high performance and aesthetics

ESSCO

- India's benchmark value-for-money bath brand for over 60 years
- Caters to value segment
- Pioneer of organised bath fittings in India
- Focuses on quality, hygiene, affordability, and 10-year warranty

JAQUAR GROUP | KEY FIGURES

55+
countries across Europe, Middle East, Asia and Africa

Over 45.9
million bath fittings produced annuallv

zero
waste plant 5,00,000 lites of water recycled every day

13.5
mw of solar energy generated

Over 3.3
million bathrooms delivered every year

4,221
metric tonnes of brass recycled every year

8
state-of-the-art manufacturing facilities soread over 3,30,000 sq.m.

CONTENTS

About Jaquar Group

Automation System

- Imagining Automation
- Value Proposition
- System Topology
- Segments

Jaquar Automation System

- Residential
- Commercial
- Hospitality
- Institutional
- System Protocols
- Advantages
- System Architecture
- Product Glimpse

IMAGINING AUTOMATION



Automation at Home



Automation at Hospitals & Hotels / Resorts / Villas



Automation at Offices



Automation at School / Institutions / Museums

AUTOMATION SYSTEM | VALUE PROPOSITION

SMART LIVING



SECURITY FIRST

Peace of mind with smart surveillance and proactive safety. Integrated lock systems and motion detection provide real-time alerts, focusing on any unusual activity.



MANAGE ENERGY MAXIMIZE SAVINGS

Lower your energy bills with intelligent lighting that dims, tunes colors, and follows your schedule. Intelligent automation ensures your lights and devices use power only when truly needed.



ALWAYS CONNECTED

Stay in control from anywhere. Effortlessly manage your space through your phone with an user-friendly, customizable interface. Your space, your style — anytime, anywhere



RESPOND WITH YOUR VOICE

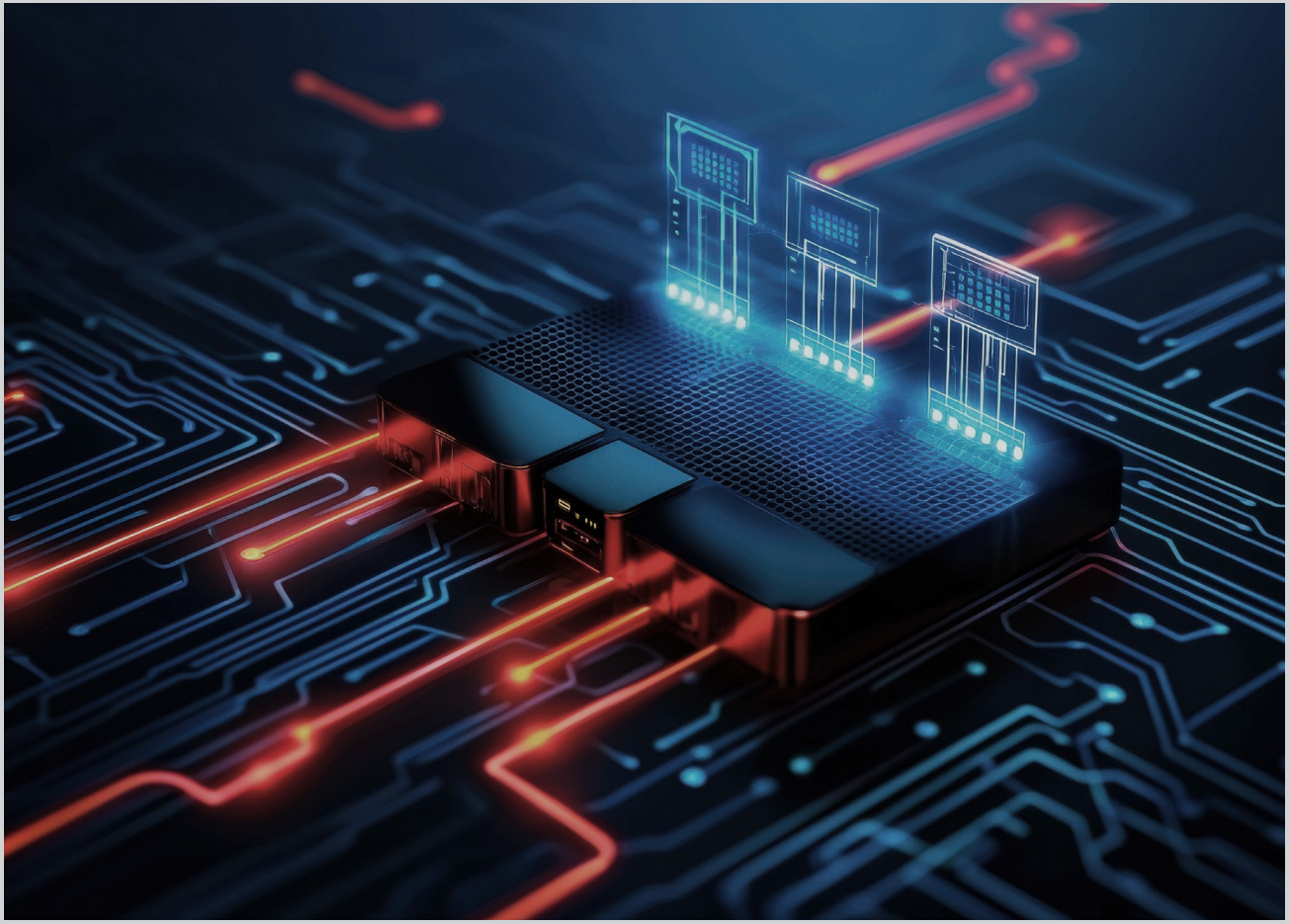
Seamlessly connect with Alexa, Google Assistant, or Siri for effortless control. Say it, and it's done. Lights, temperature, music, and more at your command.



THRIVE WITH BETTER LIVING

Automation enhances everyday comfort and peace of mind. From setting the perfect mood to streamlining routines, smart technology adapts to help you live better and smarter.

AUTOMATION SYSTEM | SYSTEM TOPOLOGY



WIRED

All the devices are connected in the network via wired network.

WIRELESS/ RETROFIT

All the devices are connected in the network via wireless network.

HYBRID

Devices are connected through a combination of wired and wireless networks

AUTOMATION SYSTEM | SEGMENTS



RESIDENTIAL
- Residential Villa
- Bungalow
- Pent House
- Farm House
- Builder Floors
- High rise apartment



COMMERCIAL
- Corporate Offices
- Supermarts
- Boardrooms
- Auditorium / Cinema Hall
- Industry
- Malls



HOSPITALITY
- Hotel Public Areas
- (Banquets, All Day Dining, Restaurant, Swimming Pool, SPA, Pre-function)
- Guest Room
- Management
- Guest Houses



INSTITUTIONAL
- Museum/ Art Gallery
- Schools/ Colleges
- International Airport
- Domestic Airport
- Railway Station

JAQUAR AUTOMATION SYSTEM | RESIDENTIAL



Home Automation: A Must for Modern Living

Automation is no longer a luxury - it's a lifestyle upgrade for comfort, security, and efficiency in every home. From cozy bungalows to luxury penthouses, smart solutions adapt to every need.

Key Applications:

- **Residential Complexes:** Smart access | Shared space control | Visitor management
- **Bungalows:** Multi-zone control | Secure perimeters | Personalized settings
- **Penthouses:** Luxury automation | Scenes | Climate | Entertainment
- **Farmhouses:** Remote monitoring | Automated lighting & irrigation
- **Builder Floors:** Custom controls | Private security | Seamless living
- **High-Rise Apartments:** Smart access | Energy efficiency | Perfect ambiance

SYSTEM FEATURES | RESIDENTIAL

Jaquar



Energy Efficiency
- Optimized Energy Conumption
- Cost Saving



Improved Comfort
- Personalized Environment
- All-in-One Control



Enhanced Security
- Integrated Locks/ Access Control
- Integrated Surveillance



Convenience
- Remote Control
- Automated Routine



Increased Safety
- Leak Detection
- Smoke Detection



Inegrated Services
- Control & Monitor all home appliances
- Device mapping



Voice Control
- Google Home/ Amazon Alexa
- Apple Home Kit

JAQUAR AUTOMATION SYSTEM | COMMERCIAL



Commercial Automation: Smarter, Safer, Efficient Workspaces

Gain total control over **lighting, climate, and access** - boosting productivity, cutting costs, and enhancing security. One smart system, endless benefits.

Perfect For:

- **Office Buildings:** Productivity | Savings | Easy management
- **Showrooms:** Dynamic lighting | Mood settings | Better experience
- **Retail / Supermarts:** Smart signage | Climate | Security on phone
- **Commercial Towers / Auditoriums:** Central monitoring | Tenant access | Emergency automation
- **Co-Working Spaces:** Simple controls | Bookings | Secure entry
- **Corporate Offices / Boardrooms:** Smarter meetings | Energy efficiency
- **Cinema Halls:** Automated lights | Climate | Guest comfort & safety

SYSTEM FEATURES | COMMERCIAL



Energy Efficiency
- Optimized Energy Usage
- Cost Saving



Increased Productivity
- Improved illumination
- Space Utilization



Enhanced Security
- Integrated Locks/ Access Control
- Integrated Surveillance



Improved Maintenance
- Predictive Maintenance
- Reduced Downtime



Increased Safety
- Leak Detection
- Smoke Detection



Inegrated Services
- Monitor & Control of available devices
- Room Scheduling



Voice Control
- Google Home/ Amazon Alexa
- Apple Home Kit



Daylight Harvesting
- Human Centric Lighting
- Automated LUX Control

JAQUAR AUTOMATION SYSTEM | HOSPITALITY



Hospitality Automation: Elevate Comfort & Efficiency

Deliver unmatched comfort, safety, and efficiency with smart control of **lighting**, **climate**, and **security**, creating personalized experiences for guests and patients while streamlining operations and cutting energy costs.

Perfect For:

- **Guestrooms:** Smart lighting, climate control, and in-room entertainment to elevate the guest experience while optimizing energy usage and operational efficiency.
- **Other Areas (Hotels, Resorts, Banquets, Pools, Spas, Restaurants):** Automation for public spaces including lighting, climate, and AV control, enhancing comfort and ambiance in restaurants, spas, banquets, and recreational areas, while delivering significant operational savings.

Key Features: Curtain control | Music | Lighting | Room service integration | RFID | Smart door locks | AV control | Room management

SYSTEM FEATURES | HOSPITALITY

HOTEL COMMON AREAS



Energy Saving
- Optimized Energy Conumption
- Cost Saving



Enhanced Guest Experience
- Comfortable Environment
- Improved Ambience



Increased Security
- Integrated Access Control
- Integrated Surveillance



Operational Efficiency
- Streamlined Operations
- Reduced Labor Cost

HOTEL GUEST ROOMS



Energy Efficiency
- Optimized Energy Conumption
- Cost Saving



Enhanced Guest Experience
- Personalized Environment
- Convenience



Increased Satisfaction
- Automated Control
- Easy Interface



Integrated Services
- Monitoring Room Services
- Seamless Package Access

JAQUAR AUTOMATION SYSTEM | INSTITUTIONAL









Institutional Automation: Elevate Experience, Efficiency & Safety

Enhance experience, improve efficiency, and ensure safety across diverse public environments with intelligent automation.

Perfect For:

- **Museums / Art Galleries:** Preserve and Impress.

  Smart lighting and climate control protect artworks while enhancing visitor experience. Centralized systems manage AV, lighting, and security seamlessly.
- **Schools / Colleges:** Smarter Learning Spaces.

  Automate classrooms, schedule lighting and AC, secure campuses, and reduce energy bills — all while supporting better focus and comfort for students.
- **International/Domestic Airport:** Comfort Meets Control.

  From lounges to check-in areas, smart automation ensures optimal lighting, comfort, and energy efficiency—enhancing both passenger and staff experience.
- **Railway Station:** Safer, Smarter Platforms.

  Automated lighting, ventilation, and crowd-based controls improve safety, comfort, and efficiency in high-traffic public areas

JAQUAR AUTOMATION SYSTEM | SYSTEM PROTOCOLS



WIRED PROTOCOLS

- JQ-NET (RS485) – Proprietary protocol
- DMX – Typically used for lighting and audio control

WIRELESS PROTOCOLS

- Z-Wave, Zigbee
- Bluetooth Mesh, Wi-Fi, Matter (Reliable and widely compatible protocols for seamless integration)

WHY JAQUAR AUTOMATION SYSTEM

EFFORTLESS USER EXPERIENCE & ACCESSIBILITY



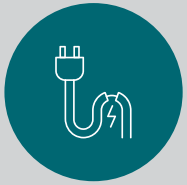
Intuitive, consistent controls for everyone- no confusing interfaces, just simple, user-friendly automation.

SEAMLESS DEVICE COMPATIBILITY



No brand or protocol conflicts- robust standardization and interoperability ensures smooth communication across all devices and platforms.

SIMPLIFIED WIRING INSTALLATION



Minimal disruption- works seamlessly in new builds and retrofits without complex rewiring and costly infrastructure

SMART SCALABILITY



Whether adding a single device or expanding to an entire building, it scales effortlessly with minimal configuration changes.

RELIABLE CONNECTIVITY



Stay in control even without internet- its hybrid connectivity keeps your system running during outages.

JAQUAR AUTOMATION SYSTEM | SYSTEM ARCHITECTURE



2CH Curtain
Control Module



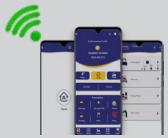
2CH DALI
dimming Module



2CH PC/ 0-10v
dimming Module



4CH Switching
Module



Mobile App



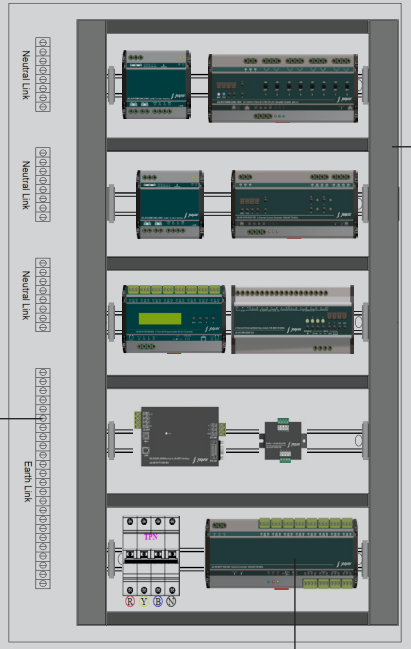
Sensors



Wireless
Gateway



WiFi Router







JAQUAR AUTOMATION SYSTEM | PRODUCT GLIMPSE

LEXANO
Metal Frames with PC Buttons



ASVERO
All Metal - Anodized



ACP
PC Frames-10B



IVANO
PC Frames with PC Buttons



ATELIO
OLED KNOB



ACP
PC Frames-5B



Jaquar

Thank You

KNOW MORE

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