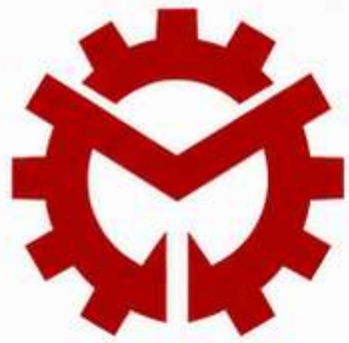




MASIX

SMART AUTOMATION PVT LTD.

BUILDING MANAGEMENT SYSTEMS

by **MASIX SMART AUTOMATION PVT LTD.**

Integrated smart automation solutions
for safer, smarter, and more
efficient buildings.



**SMARTER BUILDINGS.
BETTER TOMORROW.**



**PARKING
MANAGEMENT**



**LIGHTING
CONTROL**



**TANK
MANAGEMENT**



**HVAC
MANAGEMENT**



**ENERGY
MONITORING**



**FIRE SAFETY
& PROTECTION**



**SECURITY
MANAGEMENT**



**ENHANCED SAFETY
& SECURITY**



**IMPROVED EFFICIENCY
& PRODUCTIVITY**



**SUSTAINABLE
OPERATIONS**



**DATA-DRIVEN
DECISIONS**



Website:-
www.masixsmart.com



Email ID:-
info@masixsmart.com



Mobile No:-
+918669184815



MASIX **SMART AUTOMATION**

Smart Solutions for a Smarter Tomorrow.

PARKING MANAGEMENT SYSTEM

Intelligent parking management with real-time monitoring, smart access control and optimized space utilization.



REAL-TIME MONITORING

Monitor parking capacity, entry/exit and bay status in real time.



SMART ACCESS CONTROL

RFID tag scanning for seamless vehicle entry & exit.



OPTIMIZED UTILIZATION

Track occupancy and free spaces to optimize parking efficiency.



SECURE & RELIABLE

Advanced technology ensures secure, reliable and hassle-free parking operations.



PARKING MANAGEMENT DASHBOARD

CAPACITY STATUS

TOTAL SPACES

120



OCCUPIED

75



FREE SPACES

45



Live Monitoring of Parking Capacity



ACCESS CONTROL – TAG SCANS



VEHICLE ENTRY & EXIT LOGS

TIME	EVENT	LICENSE PLATE
08:45 AM	ENTRY	ABC1234
08:12 AM	EXIT	XYZ5678
07:50 AM	ENTRY	DEF4567
07:25 AM	EXIT	GHI7890
07:00 AM	ENTRY	JKL3210



BAY STATUS BOARD

Current Parking Availability

BAY	1	2	3	4	5	6
A	FREE	FREE	OCCUPIED	OCCUPIED	FREE	FREE
B	FREE	FREE	XYZ5678	OCCUPIED	DEF4567	FREE

FREE

OCCUPIED



TAG SCAN
ENTRY / EXIT



INCREASES EFFICIENCY

Reduces congestion and waiting time.



REDUCES COSTS

Optimizes space and lowers operational costs.



SMART ALERTS

Instant notifications for entry, exit and occupancy updates.



IMPROVES SECURITY

Tracks every vehicle movement with secure access.

GET IN TOUCH



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MASIX SMART AUTOMATION

Smart Solutions for a Smarter Tomorrow.

LIGHTING CONTROL DASHBOARD

Intelligent lighting control for every space, saving energy and enhancing efficiency.



SMART CONTROL

Manage lighting by area with ON/OFF control.



AUTOMATED SCHEDULES

Set daily schedules and automate lighting timers.



ENERGY EFFICIENCY

Optimize usage and reduce energy waste.



RELIABLE & SECURE

Advanced automation for safe and reliable operations.



LIGHTING CONTROL DASHBOARD

ZONE CONTROLS

Manage Lighting by Area

SERVER ROOM



ON

COMMON AREAS



ON

OFFICE



ON

PARKING



ON OFF

BANQUET HALL



ON OFF

MAIN HALL



ON

SCHEDULE MANAGER

Automated Lighting Timers

DAILY SCHEDULE



Lights ON
06:00 PM

Lights OFF
07:00 AM

COUNTDOWN TIMER

TIME REMAINING

01:25:30

Lights OFF in 1 HR 25 MIN 30 SEC

SET TIMER

ENERGY SAVING TIPS

Optimize Your Lighting Usage



SET DAILY SCHEDULES
Automate lighting based on daily routines.



USE COUNTDOWN TIMER
Turn off lights automatically after a set time.



REDUCE ENERGY WASTE
Optimize lighting usage and lower energy costs.



FREE



OCCUPIED



TAG SCAN
ENTRY / EXIT

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MASIX SMART AUTOMATION

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MASIX SMART AUTOMATION

Intelligent Monitoring. Reliable Control.

TANK MANAGEMENT SYSTEM

Real-time monitoring and smart control for efficient water management and operational safety.



SMARTER CONTROL.

Automated operations at your fingertips.



SAFER OPERATIONS.

Real-time alerts for complete peace of mind.



BETTER RESULTS.

Optimize efficiency, reduce downtime.



PUMP CONTROL



Tank Pump



Swimming Pool



AUTOMATION ALERTS



Auto Motor Start:
Water Level Low (26%)



Leak Detected:
Continuous Usage
for 2 Hours



TANK METRICS

FLOW RATE



120
L/m

PRESSURE



2.8
bar

WATER LEVEL



26%



WATER QUALITY

pH LEVEL



7.2

NORMAL

TDS LEVEL



350
ppm

GOOD

KEY FEATURES



REAL-TIME MONITORING

Live data on flow, pressure, level, pH & TDS.



AUTOMATED CONTROL

Smart pump operations and auto motor start.



SMART ALERTS

Instant notifications for low water level and leak detection.



SAFE & RELIABLE

Ensures operational safety and prevents downtime.



EFFICIENCY BOOST

Optimize water usage and reduce maintenance costs.

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HVAC SYSTEM DASHBOARD

Real-time monitoring and smart control
for optimal comfort, efficiency
and energy savings.



SYSTEM OVERVIEW

AHU (ROOFTOP UNIT)



Temperature: **18°C**

ON

SYSTEM ACTIVE



SMART CONTROL
Centralized control
of AC units and fans
for better comfort.



ENERGY EFFICIENCY
Optimize performance
and reduce energy
consumption.



REAL-MONITORING
Monitor temperature
and reduce status
in real-time for quick
response.



**RELIABLE
PERFORMANCE**
Ensure smooth
operation and extend
equipment lifespan.



AC UNITS CONTROL



Server Room

ON OFF



Conference Room

ON OFF



Office Area

OFF OFF



FANS CONTROL



Exhaust Fan

ON RUNNING



Ventilation Fan

OFF OFFLINE

KEY BENEFITS



SMART CONTROL
Centralized control of
AC units and fans for
better comfort.



ENERGY EFFICIENCY
Optimize performance
and reduce energy
consumption.



REAL-TIME MONITORING
Monitor temperature and
system status in real-time
for quick response.



RELIABLE PERFORMANCE
Ensure smooth operation
and extend equipment
lifespan.

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MASIX SMART AUTOMATION
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MASIX SMART AUTOMATION

ENERGY MONITORING DASHBOARD

Real-time monitoring and analysis for efficient power usage, sustainability, and performance optimization.

KEY BENEFITS



Real-Time Monitoring

Track power usage instantly and make informed decisions.



Energy Efficiency

Optimize consumption and reduce operational costs.



Environmental Insights

Measure impact and contribute to a greener tomorrow.



Smart Alerts

Get instant notifications for anomalies and imbalances.



Reliable Performance

Ensure uninterrupted operations with data-driven insights.



1

POWER CONSUMPTION



LIVE LOAD

125 kW



TODAY'S CONSUMPTION

260 kWh



MONTHLY CONSUMPTION

5,450 kWh



2

ENVIRONMENTAL IMPACT



CO₂ EMISSIONS AVOIDED

182 kg



EQUIVALENT FOREST SAVED

8 Trees



3

FLOOR ANALYSIS

FLOOR 1

PHASE	VOLTAGE	CURRENT
Phase P1	230 V	18 A
Phase P2	228 V	15 A
Phase P3	231 V	20 A

FLOOR 2

PHASE	VOLTAGE	CURRENT
Phase P1	229 V	22 A
Phase P2	230 V	17 A
Phase P3	227 V	19 A



Voltage and current values monitored across phases.



4

STATUS OVERVIEW

SYSTEM EFFICIENCY



ALERT



Voltage Imbalance
Detected on Floor 2



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Email ID:-

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MASIX SMART AUTOMATION

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FIRE SAFETY SYSTEM

Real-time monitoring and intelligent fire protection for safer buildings and faster response.



1 ZONE STATUS



2 ENVIRONMENT SENSORS

Floor 1	Floor 2
 Smoke Density: 4 ppm	 Smoke Density: 3 ppm
 Heat: 28°C	 Heat: 31°C

EMERGENCY ACTION



STATUS OVERVIEW

System Efficiency



Stay informed.
Act faster. Save lives.

KEY BENEFITS



Real-Time Monitoring

Continuous monitoring of fire and environment conditions.



Early Detection

Detect smoke and heat early to prevent fire incidents.



Smart Sprinkler Control

Manual or automatic sprinkler activation for effective control.



Fast Emergency Response

Instant alerts and clear actions for a quick response.



Safe & Reliable Operations

Ensure safety, compliance, and peace of mind.



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SECURITY SYSTEM

Real-time monitoring and intelligent security control for safer buildings and smarter operations.



ZONE STATUS



ALL ZONES SECURE

All monitored areas are secure and operating normally.

SYSTEM STATUS



SYSTEM ARMED

The system is active and monitoring.



NO ACTIVE ALERTS

All clear. No alerts at this time.



KEY BENEFITS



24/7 SURVEILLANCE

Continuous monitoring for complete peace of mind.



INSTANT ALERTS

Real-time notifications for faster response.



REMOTE MONITORING

Access live feeds and manage from anywhere.



SMART ACCESS INTEGRATION

Seamless control of access and security systems.



RELIABLE PROTECTION

Advanced technology for a safer environment.



SURVEILLANCE MONITORING

MAIN ENTRANCE



LIVE | ONLINE

OFFICE HALLWAY



LIVE | ONLINE

SERVER ROOM



LIVE | ONLINE

PARKING AREA



OFFLINE



SEAMLESS INTEGRATION / SMART CONTROL



MANUAL CONTROL

Arm, disarm and manage your system using the wall-mounted control panel.



MOBILE APP CONTROL

Monitor, receive alerts and control your system anytime, anywhere.



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Email ID:
info@masixsmart.com



Mobile No.:
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SMART BUILDINGS. INTELLIGENT SOLUTIONS.

Integrated building management systems for safety, efficiency, comfort and sustainability.



ALL SYSTEMS SECURE

Advanced security for complete peace of mind.



24/7 MONITORING

Real-time monitoring anytime, anywhere.



REAL-TIME ALERTS

Instant notifications for faster response.



SMART & INTEGRATED

Seamless integration for smarter operations.



7

SECURITY MANAGEMENT SYSTEM



- 24/7 live video monitoring
- Access control & door security
- Visitor management system
- Guard patrol & incident reporting
- Real-time security alerts
- Secure cloud storage

1

PARKING MANAGEMENT SYSTEM



- Real-time monitoring of parking capacity
- RFID tag scanning for entry & exit
- Smart access control & entry/exit logs
- Optimized space utilization
- Bay status board & parking guidance
- Alerts & reports for better management

2

INTELLIGENT LIGHTING CONTROL



- Manage lighting by area
- Automated schedules & timers
- Countdown timers for auto-off
- Lighting-based energy saving
- Real-time status & alerts
- Reduce energy waste & costs

3

TANK & WATER MANAGEMENT



- Unified pump controls (Tanks, Pools)
- Flow rate & pressure monitoring
- Water quality monitoring (pH, TDS)
- Tank level monitoring
- Water quality reports & alerts
- Optimize usage & ensure safety

4

HVAC CLIMATE CONTROL



- Individual room AC & fan controls
- AHU & rooftop monitoring
- Server room, conference room, office area monitoring
- Energy efficient operation
- Running/Offline status
- Optimal comfort & efficiency

5

ENERGY OPTIMIZATION



- Live load tracking with dial-meters
- Energy consumption reports (Daily, Monthly, Historical)
- CO₂ emissions monitoring
- Energy saving & cost optimization
- Environmental impact tracking
- Smart optimization recommendations

6

FIRE SAFETY & SUPPRESSION



- Smoke & heat detection
- Fire alarm monitoring
- Sprinkler system status
- All zones clear monitoring
- Manual & automatic sprinkler system
- System deployment & alerts

KEY BENEFITS



SAFE & SECURE

Ensure safety and prevent risks.



ENERGY EFFICIENT

Optimize usage and reduce operational costs.



SUSTAINABLE

Reduce emissions and support a greener future.



SMART ANALYTICS

Data-driven insights for better decisions and performance.



One Integrated Platform. Complete Building Intelligence.
Smarter Operations. Safer Buildings. Better Tomorrow.

Thank You!



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