


# COMPANY PROFILE



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## **COMPANY BRIEF**

**MASS AUTOMATION SYSTEMS** HAS BEEN FORMED BY A DYNAMIC GROUP OF QUALIFIED AND EXPERIENCED ENGINEERS IN THE FIELD OF BUILDING AUTOMATIONS AND ENERGY CONSERVATION, HVAC AND ELECTRICAL SERVICES, INDOOR AIR QUALITY AND INDUSTRIAL PROCESS AUTOMATION.

MASS AUTOMATION SYSTEM IS PART OF A **GROUP** OF ORGANIZATIONS WHICH ARE ENGAGED INTO;

- 1 - BUILDING AUTOMATION AND SOLUTIONS
- 2 - SUSTAINABLE AND GREEN BUILDING CONSULTANCY
- 3- INDOOR AIR QUALITY MEASUREMENT AND MITIGATION-SOLUTIONS AND SYSTEMS
- 4 - ENERGY CONSERVATION
- 5 - PRODUCT AND SYSTEM REPRESENTATION AND DEALERSHIPS
- 6 - INDUSTRIAL PROCESS AUTOMATION

THE GROUP COMPRISES OF FOLLOWING **TWO** ORGANIZATIONS;

### **1) GREENFIELD SERVICES (INDIA)**

THIS IS THE SISTER CONCERN OF THE GROUP WHICH CATERS FOR GREEN BUILDING CONSULTANCY AND ENERGY CONSERVATION AUDITS FOR ALL TYPES OF COMMERCIAL, RESIDENTIAL, HOSPITALITY, HEALTH, INSTITUTIONAL AND INDUSTRIAL FACILITIES, PEER REVIEW MEP CONSULTANCY AND INDOOR AIR QUALITY MEASUREMENTS AND MITIGATION SOLUTIONS.

GREENFIELD SERVICES (INDIA) IS ICRA RATED ENERGY SERVICES COMPANY (ESCO), EMPANELLED BY BUREAU OF ENERGY EFFICIENCY (BEE), RECOGNIZED BY GOVT. OF INDIA.

### **2) MASS AUTOMATION SYSTEMS**

THIS IS THE DESIGN AND MANUFACTURING ARM OF THE GROUP . **PRIMARYLY RESPONSIBLE TO ACQUIRE AND MANAGE DEALERSHIPS AND REPRESENTATION OF PROVEN HIGH END, QUALITY PRODUCTS AND SYSTEMS, INTEGRATING THEM FOR AUTOMATION; NAMELY FOR THE PURPOSE OF-**

- BUILDING AUTOMATIONS PRODUCTS AND SYSTEM - **DESIGN AND SALES**
- INDUSTRIAL AUTOMATIONS PRODUCTS AND SYSTEM - **DESIGN AND SALES**
- INDOOR AIR QUALITY MITIGATION SYSTEM - **DESIGN AND SALES**
- COLD WATER SANITATION SYSTEMS - **DESIGN AND SALES**
- ANTI-LEGIONELLA SYSTEMS - **DESIGN AND SALES**

## ORGANIZATIONAL DETAILS

OUR COMPANY'S MAIN ACTIVITIES ARE TWOFOLD;

- 1) **AUTOMATION SYSTEMS DESIGN:** THE DESIGN OF TAILOR-MADE SCALABLE CONTROL SYSTEMS FOR BUILDINGS AND INDUSTRIAL SECTORS.
- 2) **PRODUCT REPRESENTATION AND DEALERSHIP :** SOURCING, REPRESENTING AND IMPLEMENTING FIRST CLASS PRODUCTS AND SYSTEMS IN THE FIELD OF;
  - INDDOR AIR QUALITY (SYSTEMS FOR SICK BUILDINGS)
  - ENERGY CONSERVATION
  - INDUSTRIAL PROCESS AUTOMATION SOLUTIONS
  - WATER SANITATION SYSTEMS

**THE AUTOMATION DIVISION** IS OPERATIONAL HAS CATERED TO THE NEEDS OF SEVERAL INDUSTRIAL OPERATIONS IN INDIA AS WELL AS IN VARIOUS COUNTRIES OF THE MENA (MIDDLE EAST AND NORTH AFRICA) REGION.

WITH THE GROWING DEMAND OF BUILDING AUTOMATION AND ENERGY CONSERVATION SYSTEMS A SEPARATE BUILDING AUTOMATION DIVISION HAS BEEN STARTED WAY BACK IN THE YEAR 2006.

OUR TEAM MEMBERS IN THE INDUSTRIAL AUTOMATION DIVISION ARE PIONEERS IN THE FIELD OF; SPECIALISED TAILOR DESIGNED AUTOMATION SYSTEMS AND KNOW HOW TO CATER TO ITS ESTEEMED CUSTOMERS WITH A WIDE SPECTRUM OF TECHNICAL & ENGINEERING CAPABILITIES.

AN EXPERIENCED WORKFORCE WITH HIGH QUALITY ENGINEERING SKILLS AND IN-DEPTH KNOW-HOW OF AUTOMATION TECHNOLOGY IS LEADING THE COMPANY TO MANUFACTURE & ACHIEVE BEST OF QUALITY IN SYSTEM DESIGNS & FINAL SYSTEM INTEGRATION FOR ACHIEVING ENHANCED CUSTOMER DELITE. OUR TEAM MEMBERS HAVE EXPERTISE IN THEIR OWN RESPECTIVE FIELDS AND ARE DETERMINED TO ACHIEVE THE TARGETS.



## MASS BUILDING SYSTEMS AUTOMATION DIVISION

TO SUPPORT THE INTENSE DEMAND OF ENERGY CONSERVATION SYSTEMS FOR BUILDINGS AND COMMERCIAL FACILITIES A DEDICATED DIVISION WAS ESTABLISHED IN THE YEAR 2006.

THIS DIVISION TRANSLATES THE TECHNICAL DEMAND OF VARIOUS ENERGY CONSERVATION PROJECTS INTO WORKING SYSTEMS WHICH HELP REALIZE THE TARGETS OF OUR CLIENTELE.

IN THE FIELD OF AUTOMATION, MASS AUTOMATION SYSTEMS IS EQUIPPED WITH THE LATEST HARDWARE AND SOFTWARE DEVELOPMENT TOOLS IN-HOUSE TO HANDLE SOME OF THE MOST DEMANDING CONTROL PROBLEMS. WE OFFER OUR CLIENTS A COMPREHENSIVE RANGE OF CONTROL SYSTEMS IN;

- AIR-CONDITIONING AND CHILLED WATER SYSTEMS
- INDOOR AIR QUALITY (IAQ) - MEASUREMENTS AND MITIGATIONS
- BASEMENT CAR PARK VENTILATION SYSTEMS
- INTELLIGENT DUTY CYCLE CONTROLLERS FOR TWIN SHARING SYSTEMS
- COLD WATER SANITATION SYSTEMS
- ANTI-LEGIONELLA TAP WATER SYSTEMS
- SPECIAL PLC SYSTEMS

AT MASS AUTOMATION SYSTEMS, THE DESIGN OF OUR SYSTEMS BEGINS WITH SOLID IDEAS THAT ARE TRANSLATED INTO PLANS, WHICH ARE THEN CAREFULLY CO-ORDINATED AT EACH PHASE OF ACTIVITY TO PRODUCE THE DESIRED RESULT. THE PROCESS IS GUIDED BY THE USE OF APPROPRIATE TECHNOLOGIES AND MATERIALS THAT ARE AT THE HEART OF OUR DESIGN SOLUTION.

TO FURTHER EXTEND OUR TECHNICAL SUPPORT TO OUR CLIENTELE, MASS AUTOMATION SYSTEM HAS VENTURED INTO OBTAINING;

**“DEALERSHIP / REPRESENTATION”** OF HIGH END, TECHNICALLY PROVEN AND VERSATILE PRODUCTS IN THE FIELD OF INDOOR AIR QUALITY MITIGATIONS, ENERGY CONSERVATION IN BUILDINGS AND PROCESS INDUSTRIES.

SINCE ITS INCEPTION IN 2006, OUR FIRM HAS ESTABLISHED STRONG PARTNERSHIPS AS EXCLUSIVE DEALERS OF;

- ENERGY RECOVERY WHEELS (SEIBU GIKEN) FROM **JAPAN**
- INDOOR AIR QUALITY SYSTEMS FROM **SWEDEN** AND MANY MORE

IN ADDITION TO THESE, OUR INHOUSE RESEARCH & DEVELOPMENT CELL IS FULLY CAPABLE OF DESIGNING AND PRODUCING ANY INTRICATE AND CHALLENGING CONTROL AND AUTOMATION REQUIREMENT. WE ALREADY HAVE A FEW DEDICATED SYSTEMS DESIGNED AND DEVELOPED IN-HOUSE FOR THE BUILDING AND PROCESS INDUSTRY FOR;

- INDOOR AIR QUALITY
- CAR PARK VENTILATION
- ENERGY CONSERVATION

AND MANY MORE AT COMPETITIVE PRICES AND SUPERIOR AFTER-SALES SERVICES.

IN SHORT, OUR FIRM IS DRIVEN BY THE QUEST OF NEW KNOWLEDGE AND INNOVATIVE PRODUCTS WITH A CULTURE THAT PROMOTES PROBLEM SOLVING AND CUSTOMER SATISFACTION THROUGH POLICIES AND PROCEDURES, WHICH ENSURE QUALITY OF THE HIGHEST ORDER.



**PRODUCTS, SYSTEMS AND SERVICES**

**Indoor Air Quality Management Solutions**

**Tailor made Automation Products**

**Energy Management Services**

**Energy Management Systems**

**Cold Water Sanitation Systems**

**Indoor Air Quality Management Solutions**

- a.) Air Ionizers
- b.) Kitchen Exhaust System and Air Treatment
- c.) Carbon Monoxide (CO) Monitoring of below ground or enclosed car parks
- d.) Air Filters
- e.) Indoor Air Quality Measurements

**Tailor made Automation Products**

- a.) Intelligent Duty Cycle Controller
- b.) Fresh Air Handling Unit / Air Handling Unit Filter Monitoring System
- c.) Temperature and Humidity Based Controller
- d.) Twin Fan Controllers
- e.) PLC Panels

**Energy Management Services**

- a.) Energy Savings
- b.) Detailed Energy Audit
- c.) Energy Modeling
- d.) Peer Review Consultancy Services

**Energy Management Systems**

- a.) Electrical Motor Energy Saver
- b.) Variable Frequency Drive Systems
- c.) Energy Recovery using Heat Recovery Wheels
- d.) Process Heat Recovery using Rotary Heat Exchangers
- e.) Lighting Energy Saver

**Cold Water Sanitation Systems**

- a.) Aquacode
- b.) Anti-legionella Tap Water System

## PROJECTS

OUR ENGINEERS HAVE BEEN INVOLVED IN MANY PROJECTS BOTH IN INDIA, THE UAE AND ABROAD OVER THE LAST 20 YEARS. LISTED BELOW IS A SAMPLE OF SUCH PROJECTS.

Sr. No.	Project	Location	Nature
1	P South Ward	Mumbai, India	CO System for Car Park
2	DLH	Mumbai, India	CO System for Car Park
3	Pinnacle	Mumbai, India	CO System for Car Park
4	Acme Mall	Mumbai, India	CO System for Car Park
5	Nahar Amrit Shakti	Mumbai, India	CO System for Car Park
6	Rapid Cool Systems	Dubai	CO System for Car Park
7	La Reve Tower	Dubai	CO System for Car Park
8	Lake Hotel, OTCI – EMAAR	Dubai	CO System for Car Park
9	Trosten	Dubai	CO System for Car Park
10	MAF	Dubai	Evaporative Cooler Control System
11	MAICO Gulf LLC	Ras Al Khaima	IDCC System
12	System Air	Dubai	IDCC System
13	CPWD Govt. of India (7 Buildings)	Mumbai, India	Energy Saving Systems
14	CPWD Govt. of India ( 2 Buildings)	Navi Mumbai, India	Energy Saving Systems
15	CPWD Govt. of India ( 2 Buildings)	Navi Mumbai, India	Energy Saving Systems
16	Soex Pvt. Ltd..	Mumbai, India	Energy Saving Systems
17	VNS Industries	Mumbai, India	Energy Saving Systems
18	Ganson Radiators	Navi Mumbai, India	Energy Saving Systems
19	Fazlani Foods	Navi Mumbai, India	Energy Saving Systems





## **KEY PERSONELL**

OUR STAFF INCLUDE QUALIFIED ENGINEERS, EXPERIENCED TECHNICIANS AND CONTROL SYSTEM INSTALLERS WHO ARE SPECIALIZED IN THE FIELD OF AUTOMATION, ENERGY CONSERVATION, INDOOR AIR QUALITY, HVAC, ELECTRICAL SERVICES AND MANY MORE.NOTE:TO LIMIT THE SIZE OF THE DOCUMENT THE CV'S OF KEY PERSONELL AND CERTIFICATES OF CLIENT ARE NOT ATTACHED.

