

# AUTOMATION<sup>TM</sup>



**7th International Exhibition & Conference**

Technology meets Business



**7th -10th, September 2012  
Bombay Exhibition Centre, Mumbai, India**

# AUTOMATION<sup>TM</sup>



## **Exhibition Focus**

- Factory Automation
- Process Automation & Control Systems
- Field Instrumentation & Smart Sensors
- Robotics & Drives
- Bus Technologies
- Software Solutions
- Wireless Technology
- Building Automation
- Hydraulics & Pneumatics
- Automation in Renewable Energy
- Safety & Security Systems
- Pumps & Valves

# Exhibitor Profile



## FACTORY AUTOMATION

- Motion drives, servo drives, actuator drives
- Sensors and measuring equipment
- Assembly and handling systems, technologies, devices, assembly lines system periphery and application
- Complete Factory Automation systems and equipment

## TURNKEY SOLUTIONS

- For industrial automation, assembly and handling technology, handling technology
- Electric motors, frequency converters and magnetic technology
- Laser technology Industrial image processing
- Production engineering for electrical engineering and electronics
- Safety & security in automation

## PROCESS & AUTOMATION

- Complete automation systems in forging press plants
- Complete flexible automated manufacturing plants
- Control systems open and closed loop control systems for process automation
- Analyzer systems and drive systems for actuators
- Identification systems, image processing systems for process automation
- Monitoring, safety and SCADA systems for the process industry
- Process automation solutions and IT solutions
- Integrated solutions for process optimization, statistical process control and data acquisition
- Field devices, components for process automation.
- Special process automation controls and individual controllers
- Overall system planning and consultancy services(process automation)
- Technical services for start-up and commissioning of process automation plants and for the operating phase

## INSTRUMENTATION AND CONTROL

- Alarm systems for the process industry
- Data acquisition systems for the process industry
- Diagnosis systems for the process industry
- Gas warning systems (for combustible and toxic gases)
- Industrial security systems for the process industry
- Monitoring, safety and SCADA systems for the process industry; other
- Remote monitoring systems for the process industry
- Field Control Instruments, Devices and Systems
- SCADA software for the process industry

## ROBOTICS

- Turnkey systems and complete systems for robotics
- Articulated robots, Hexapods, Horizontal elbow-arm robots, Industrial robots of special design, Linear robots, Microrobots, Portal robots, Swivel-arm robots (SCARA robots), Vertical elbow-arm robots

- Application components for industrial robots
- Industrial robots -basic systems, industry applications, task-specific applications.
- Robot welding systems, System periphery for robots and robot controls

## AUTOMATION IN RENEWABLE ENERGY

- Power station systems and power supplies Systems
- Automation systems for power supply technology
- Power supply network monitoring and control systems
- Surge protection, Automation in power transmissions
- Wind/ Thermal/Solar Nuclear Energy systems

## DRIVE AUTOMATION

- Drive systems and drive control units
- Drive control systems and technology
- Drive units

## BUS AND WIRELESS TECHNOLOGY

- Wireless -automation systems, Communication systems, data transmission systems
- Optical data transmission
- Wireless LAN systems, field device tools
- Wireless FIELDBUS, INTERBUS, MODBUS transfer Systems
- Bus Systems & BUS Components, Engineering and Software

## BUILDING AUTOMATION

- Automation systems for building services technology, heating, air conditioning, ventilation, for lighting technology
- Automation systems in building security and in structural fire protection
- Building management systems and monitoring systems
- Complete home automation, home automation systems
- Project management services for Industrial Building Automation systems
- Integrated automation solutions for Industrial Building Automation
- Clean-room technology
- Measuring and control systems for Industrial Building Automation
- Building communications technology
- Cables and lines for building automation and transmission equipment
- Sensors and actuators for building automation
- Software for building automation

## PUMPS AND VALVES

- Pumps & Valves
- Pump drives and Pump safety relays and accessories
- Valves and fittings and accessories

## HYDRAULICS AND PNEUMATICS

- Water hydraulics and Oil hydraulics
- Plain bearings and anti-friction bearings
- Pneumatics , • Condition monitoring & vibration reduction

# Visitor Profile



## By Title

Presidents.  
Managing Directors.  
Technical Directors.  
Vice Presidents.  
Plant Managers.  
Operations Managers.  
Maintenance Managers.  
Business Managers.  
System Integrators.  
Manufacturers.  
Traders.  
OEM's.  
Project Managers.  
Chief Engineers.  
Design Engineers.  
Maintenance Engineers.  
R&D Manager.  
Marketing Managers.  
Operations Personnel.

## Government Departments

R&D Labs  
Testing Centres  
Electricity Boards  
Railways  
Defence Space &  
Atomic Energy, BARC  
Power Plants.  
Government Departments.



## By Industries

### OEMs

Electronics & Electricals  
Engineering Goods  
Machine Tool  
Manufacturers  
White Goods  
Communication Systems  
Consultants  
System Integrator  
Energy ( Wind, Thermal,  
Nuclear, Solar)



### Process Industries

Oil & Gas- Upstream &  
Downstream  
Refineries  
Chemicals & Petrochemicals,  
Fertilisers, Dyes  
Cement, Glass,  
Iron & Steel, Mining  
Paper  
Plastics, Rubber  
Automobiles  
Textiles  
Printing Packing &  
Paper Mills  
Pharmaceuticals  
Food Processing



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# Show Report AUTOMATION 2011

## 6th International Automation Exhibition & Conference

Automation Exhibition showcases the power of Collaboration between Solution providers i.e. vendors, engineering companies & actual users of the technology. Technology is shaping tomorrow's world. One of the driving forces behind future technological is Automation & Automation 2011 exhibition, which showcases technological growth in products software's & services provided by solution providers is a great success.

Automation 2011 is now an annual show, and the Industry welcomed the decision of the annual show and we had the show in Hall 1 with an area of 22,000 sq mtrs with 302 stall and 685 participants, co-exhibitors and represented companies. Automation 2011 is being conducted for the 6th time in a row and our shows were held in 2002,2004, 2006, 2008, & 2010.

Concurrently we had 3 day conference starting on the 20th of September on Profibus Technology by Indian Profibus Association , on the 21st the Foundation Fieldbus conference organised by the Foundation Fieldbus India Committee and on the 22nd September the conference for Automation for Sustainable growth .

<b>Number of Participants, Co-exhibitors &amp; represented companies</b>	<b>685</b>
<b>Number of Trade Visitors</b>	<b>41251</b>
<b>Number of Student &amp; Non Trade Visitor</b>	<b>13251</b>

### Key Data

Dates:	20-23 September 2011	First Event	Oct.2002	Venue:	Bombay Exhibition Centre
Type :	Trade Show & Conference	Next Event	Sept 2012	<b>Organizers</b>	IED Communications Ltd.

### Product Range

- Automation assembly, systems and engineering
- Building Automation
- Bus Technologies
- Controllers
- Control systems, monitoring systems
- Conveyor Systems
- Electrical Measuring Instruments & Systems
- Electrical, pneumatic and hydraulic energy supply
- Engineering, maintenance, services
- Factory automation
- Field Instrumentation
- Grippers, clamping and stop devices
- Hydraulics and pneumatics
- Industrial robots, Robotics
- Lasers in material processing systems
- Machine vision
- Material Handling Equipment
- Measuring devices and measuring systems
- Motion and drives and Positioning systems
- Process Measurement and Automation
- Pumps & Valves
- Safety and monitoring devices
- Sensors
- Software & Testing Systems

### Co-sponsored/Supported by:

#### Associations

- All India Association of Industries
- AMA Association for Sensor Technology
- Instrumentation Experts Club

- ISA Asia Pacific District
- ICSM –Instrumentation & Control Society of Malaysia

#### Online Media Partners

- Biz Trade.com IndiaCore
- Kompass Trade India

#### Visitor Target Group

- Oil & Gas
- Chemicals & Petrochemicals
- Pharmaceuticals & Biotech
- Steel & Mining
- Food & Beverages
- Textile machinery
- Machine Tools & Engineering Industry
- Automotive Industry (OEMs) and suppliers

#### Accompanying event:

Conference on Automation Technologies 20-23 September 2011



Country Partner UK



Approval

INDIA TRADE PROMOTION ORGANISATION



Ref No.144-ITPO(215)/APP/2008 Dt.12.12.06



Instrumentation Experts Club



Electronics and Computer Software Export Promotion Council (ESC)



Instrumentation & Control Society of Malaysia

Supported by

CAN in Automation (CA)



ALL INDIA ASSOCIATION OF INDUSTRIES