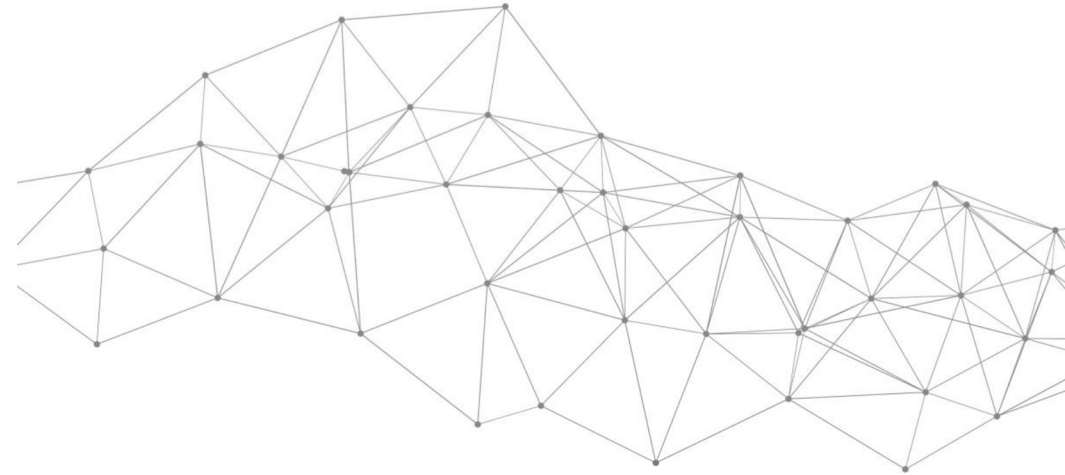




## COMPANY PROFILE

PT. Azbil Berca Indonesia



## COMPANY PROFILE

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Head Office - Jakarta  
Gedung CCM, 5th floor.  
Jl. Cikini Raya no. 95, Jakarta 10330  
62-21 230 5538, fax : 62-21 230 5540  
azbil . adm@id.azbil.com | www.azbil.com

Branch Office - Surabaya  
Ruko Plaza Segi Delapan D-809  
Jl. Pattimura, Surabaya 60189  
Telp. 62-31 734 1715 | Fax 62-31 731 2172, 62-31 561 6109

Branch Office - Cilegon  
Control Valve Maintenance Shop  
Jl. Raya Anyer no. 63, Cilegon, Banten 42431  
Telp 62-254 391 464 | Fax 62-254 376 609

Branch Office - Medan  
Forum Nine Building, 9th Floor, Room No : 923  
Jl. Imam Bonjol No. 9, Medan 20112  
Tel: 62-61-8010-1312 , Fax: 62-61-8010-1301

# COMPANY VISION AND MISSION

## VISION STATEMENT

*PT Azbil Berca Indonesia as a leading company in automation industry, one-stop smart solution provider for industrial plants, factories and commercial buildings in Indonesia that fulfills the ever-changing demand.*

## MISSION STATEMENT

*As a prime automation contractor, PT Azbil Berca Indonesia builds its reputation by giving excellent service to customers, providing tailored solutions, adopting cooperative strategy and creating continuous innovation and competitive advantage.*



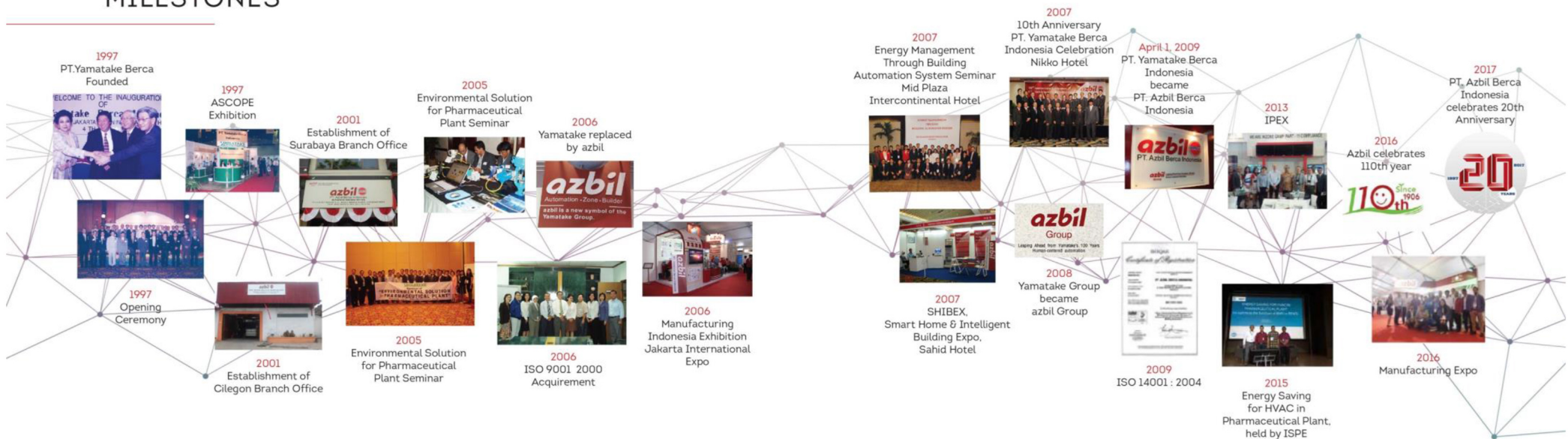
# ABOUT US

*Yamatake has been serving Indonesian market since 1970s, with PT Berca Indonesia as distributor. In 1997, the commitment grew further in strength through a joint venture between Yamatake Corporation and PT Berca Indonesia (CCM Group) with the establishment of PT Yamatake Berca Indonesia (presently PT Azbil Berca Indonesia).*

In 2006, the Group philosophy and symbol, azbil, were formulated and in 2008 the Yamatake Group name was changed to the azbil Group. In order to reinforce the azbil Group's international business promotion initiative, from 2009 Yamatake changed overseas Group company names to include "Azbil".

Therefore in 2009, PT Yamatake Berca Indonesia became PT Azbil Berca Indonesia and in 2012, Yamatake Corporation had become Azbil Corporation. Now, PT Azbil Berca Indonesia has been steadily providing customers with a wide range of products and solution to answer the constantly changing requirements and market demand.

# COMPANY MILESTONES





## GLOBAL NETWORK

### azbil Group Companies

#### Group Companies in Japan

- Azbil Corporation
- Azbil Trading Co., Ltd.
- Azbil Yamatake Friendly Co., Ltd.
- Azbil Kimmon Co., Ltd.
- Azbil Kyoto Co., Ltd.
- Azbil TA Co., Ltd.
- Azbil Taishin Co., Ltd.
- Tem-Tech Lab.

#### Group Companies Worldwide

- Azbil Korea Co., Ltd.
- Azbil Taiwan Co., Ltd.
- Azbil Kimmon Technology Corporation
- Azbil Vietnam Co., Ltd.
- Azbil India Private Limited
- Azbil (Thailand) Co., Ltd.
- Azbil Production (Thailand) Co., Ltd.
- Azbil Philippines Corporation
- Azbil Malaysia Sdn. Bhd.
- Azbil Singapore Pte. Ltd.
- PT. Azbil Berca Indonesia

- Azbil Saudi Limited
- Azbil Control Instruments (Dalian) Co., Ltd.
- Azbil Information Technology Center (Dalian) Co., Ltd.
- Azbil Control Solutions (Shanghai) Co. Ltd.
- Shanghai Azbil Automation Co., Ltd.
- Yamatake Automation Products Shanghai Co., Ltd.
- Azbil Hongkong Limited

- Azbil North America Research and Development, Inc.
- Azbil North America, inc.
- Azbil Vor Tek, LLC.
- Azbil Mexico, S. de R.L. de C.V.
- Azbil Europe NV
- Azbil Telstar, S.L.U.

### CCM GROUP COMPANIES

#### Subholding 1

- PT. Jakarta International Expo
- PT. Sekman Wisata
- PT. Bali Propertindo
- PT. Hardaya Inti Plantation
- PT. Sebakis Inti Lestari
- PT. Sebukus Inti Plantation
- PT. Intracawood Manufacturing
- PT. Intraca Hutani Lestari
- PT. Bina Balantak Raya
- PT. Dwi hutani Fikri Bakti
- PT. Harfit International
- PT. Nagasaki Paramashoe Industry
- PT. Hardaya Aneka Shoes Industry
- PT. Hardaya Shoe Component
- PT. Trigoldenstar Wisesa
- PT. Berca Indosport
- PT. Berca Sportindo
- PT. Indosport Jaya
- PT. Allsport
- PT. Hotel JIEXPO
- PT. Paramita Raya Fit
- PT. Papua Agro Sakti
- PT. Cipta Agro Sakti
- PT. Borneo Agro Sakti
- PT. Hardaya Sawit Papua Plantation

#### Subholding 2

- PT. Metropolitan Kentjana
- PT. Antilope Madju Puri Indah
- PT. Jakarta Land
- PT. Hardaya Widya Graha
- PT. Cipta Cakra Murdaya

#### Subholding 3

- PT. Altrak 1978
- PT. Berca Mandiri Perkasa
- PT. Karunia Berca Industri
- PT. ABB Sakti Industri
- PT. Berca Schindler Lifts
- PT. Azbil Berca Indonesia
- PT. Mecoindo
- PT. Fuji Dharma Electric
- PT. Dharma Perkasa Setia
- PT. BICC Berca Indonesia
- PT. Hume Sakti Indonesia
- PT. Beton Megah Perkasa Setia
- PT. Berca Buana Sakti Indonesia
- PT. Berca Engineering International
- PT. Berca Carrier Indonesia
- PT. Sarana Aircan Utama

- PT. Berca Niaga Medica
- PT. Berca Indonesia
- PT. Kentjana Sakti Indonesia
- PT. Sicamindo
- PT. XD Sakti Indonesia

#### Subholding 4

- PT. Berca Hardaya Perkasa
- PT. Berca Computel
- PT. Berca Cakra Teknologi
- PT. Infokom Internusa
- PT. Hewlett Packard Servisindo
- PT. Hewlett Packard Finance Indonesia

# OUR SERVICES

## "HUMAN-CENTERED AUTOMATION"

We increase comfort and profitability in buildings, production plants and living environments while reducing energy consumption. We are also helping to enhance "safety, comfort and fulfillment" in society by creating safer and more reassuring living environments for an aging society and enhancing lifestyles in other ways.

### PETROLEUM REFINERIES

Petroleum refineries break down crude oil into gasoline and kerosene. Precise temperature controls enable the creation of high-quality gasoline while minimizing the use of energy in production. Azbil systems are instrumental for maintaining controls and managing production.

### PAPER MILLS

Environment-friendly technologies are being developed to make paper from a variety of raw materials. In this case azbil's measurement and control technologies are contributing to the conservation of resources.

### IRON FOUNDRIES

At foundries - where iron ore is melted, rolled, and eventually processed into plate and pipe - azbil's advanced control technologies are playing a key role.

### CHEMICAL PLANTS

Plastic products and chemical fibers and textiles are assembled and produced using chemical processes. Azbil systems preserve the quality of materials during chemical reactions and oversee the blending of materials and other operations.

### AUTOMOBILE ASSEMBLY PLANTS

Plants consume huge volumes of energy, and we work diligently to make electricity use more efficient, enhance the effectiveness of production methods and reduce environmental impact. Production plants depend on many switches and controllers for assembly. Azbil production controls and air-conditioning technologies are major contributors to enhancing efficiencies in auto plant operations.

### HOTELS

Our priority is maintaining comfortable temperature to keep guests' satisfaction while reducing the environmental impact by taking into account of the difference in energy consumption when rooms are unoccupied or at night, etc.

### SEMICONDUCTOR AND ELECTRIC EQUIPMENT PLANTS

Integrated circuits (ICs), liquid crystal displays (LCDs) and other components for mobile phones and personal computers are manufactured with azbil sensors and switches in their inner workings. In addition, azbil systems are instrumental for maintaining consistent temperatures and humidity and for defect analysis at plants in order to reduce defective parts produced.

### DEPARTMENT STORES AND SHOPPING CENTERS

We ensure that the shopping space is comfortable while keeping energy use at minimally suitable levels by tailoring operations to match floor and tenant needs for temperature controls during peak hours and for cooler atmosphere in warm weather.

### OFFICE BUILDING

We prepare safe and comfortable working environments in buildings used by a broad array of workers and residents. Our building systems have comprehensive controls over living conditions and security on each floor and minimize energy costs in the most effective way.

### WASTE TREATMENT PLANTS AND PUBLIC FACILITIES

Azbil systems, which include bacteria temperature controls at sewage treatment plants, incineration temperature controls at waste treatment plants, utility controls at power stations, emergency response during abnormal operation and other activities, play important roles for ensuring environmental preservation and safety at plants in the communities we operate in.

### RESEARCH CENTERS

We help to maintain special room conditions necessary for testing and other purposes while using energy and managing record-keeping in the most efficient way possible. Security of important materials and research units are maintained with strict precision.

### FOOD PROCESSING PLANTS AND PHARMACEUTICAL PLANTS

At food processing plants, azbil sensors and systems are crucial for mixing ingredients for flavoring, controlling temperature, avoiding the use of impurities in production processes, providing cleansers for sanitizing trays and containers and for the final shipment of products. It is, at pharmaceutical plants and hospitals, extremely important for many kinds of medicines to be rightly compounded with thorough and strict quality control. The precision equipment and production management systems of azbil enhance the safety and high quality of pharmaceutical products.

### HOSPITALS

For round-the-clock safe environments at hospitals that are vital for maintaining human life, we provide special air-conditioning systems that prevent in-hospital infections and also install security systems. We analyze energy use and propose ways to curtail energy consumption, thereby helping to support hospital management.

# Building Automation Business

We develop and manufacture our own extensive range of building automation products, from application software to controllers, valves and sensors, ensuring the high functionality and quality of our building automation systems. Our products and services are provided through an integrated framework, ranging from instrumentation design to sales, engineering, maintenance, energy-saving solutions, and facility operation and management. We also apply original environmental technologies that create business and production space where people can work efficiently and in comfort, and that contribute to reducing environmental impact.

## BUILDING AUTOMATION AND MANAGEMENT THAT PROVIDES SAFELY, COMFORT AND FUNCTIONALITY

Our total building solutions have expanded to include over 28,000 installed system, combining proven performances with the latest technology for sensing, IT, optimization, installation and other services. Additionally, we provide a more comfortable and efficient building space that supports the various needs of people who use, manage, and administer buildings through our comprehensive framework for developing, manufacturing, and maintaining the various types of equipment in building facilities.

### Comprehensive Building Management Service

Round-the-clock services, including remote monitoring / control via communication lines linking buildings to our operation center, as well as inspection patrols and emergency response by engineers.

### Total Energy Management Service

Global deployment of Energy Service Company (ESCO) projects for buildings, helping update and improve building facilities and reduce energy consumption

### Cloud Services for Buildings

More efficient energy and facility management and more comfortable indoor environment in buildings.



**CONTROLLING**  
Regulators and Controllers  
Control of building facilities and instruments to keep them in an optimal state.  
HVAC controller



**ADJUSTING**  
Valves / Actuators  
Optimal adjustment of the flow rates of hot / cold water or steam used in buildings.  
Motorized two way valve with flow measurement and control functions.



**DETECTING**  
Sensor and Measurement Devices  
Sensing and measurement of room temperature/humidity.



**PROTECTING**  
Security Systems  
Controlling access to building commons and interiors.  
Non-contact IC card reader



**SETTING**  
User-operated Devices  
Building users can set the temperature, humidity, and other variables.



**MANAGING**  
Building Automation Systems  
Monitoring and management of the indoor environment, security, equipment, and energy usage throughout the building.  
BA systems for large-scale / medium - to small-scale buildings.



# Advanced Automation Business



We solve problems at plants, factories, and a variety of other production sites by providing products, solutions, instrumentation, engineering and maintenance services to support optimal operation of our customers' facilities and equipment throughout their life cycle. Through collaboration with the people involved in production, we develop advanced measurement and control technologies, strive to realize production sites where workers can safely develop their skills, and create new value for our customers.

**PRODUCING HIGH-QUALITY PRODUCTS SAFELY AND EFFICIENTLY WHILE PROVIDING COMFORT IN DAILY OPERATIONS AT ENVIRONMENTALLY-CONSCIOUS FACTORIES.**

We provide total automation solutions and services, from components and field devices to control management system for a wide range of production sites, including plants and factories. Optimal automations that are friendly to people and the environments are achieved through know-how accumulated over many years of experience in measurement and control, quality management, and energy efficiency.

**Services for Plants and Factories**

- Speedy and reliable services to ensure safe operation
- Support throughout the life cycle
  - Maintenance support; control valve overhaul, spare part supports
  - Operation support
  - Facility Diagnosis

**Energy Management**

Optimal control of air, steam, cold water, hot water, electricity, gas and other forms of energy usage at customer sites, in order to support energy conservation and visualization, and address complex registration.



**CONTROLLING**  
 Controllers  
 Optimal control of processes, equipment, and facilities  
 Multi loop controller with multifunction display  
 Process controller



**ADJUSTING**  
 Control Valves  
 Optimal adjustment of the flow rates of gases and liquids at customer sites.  
 Control valve and smart valve positioner



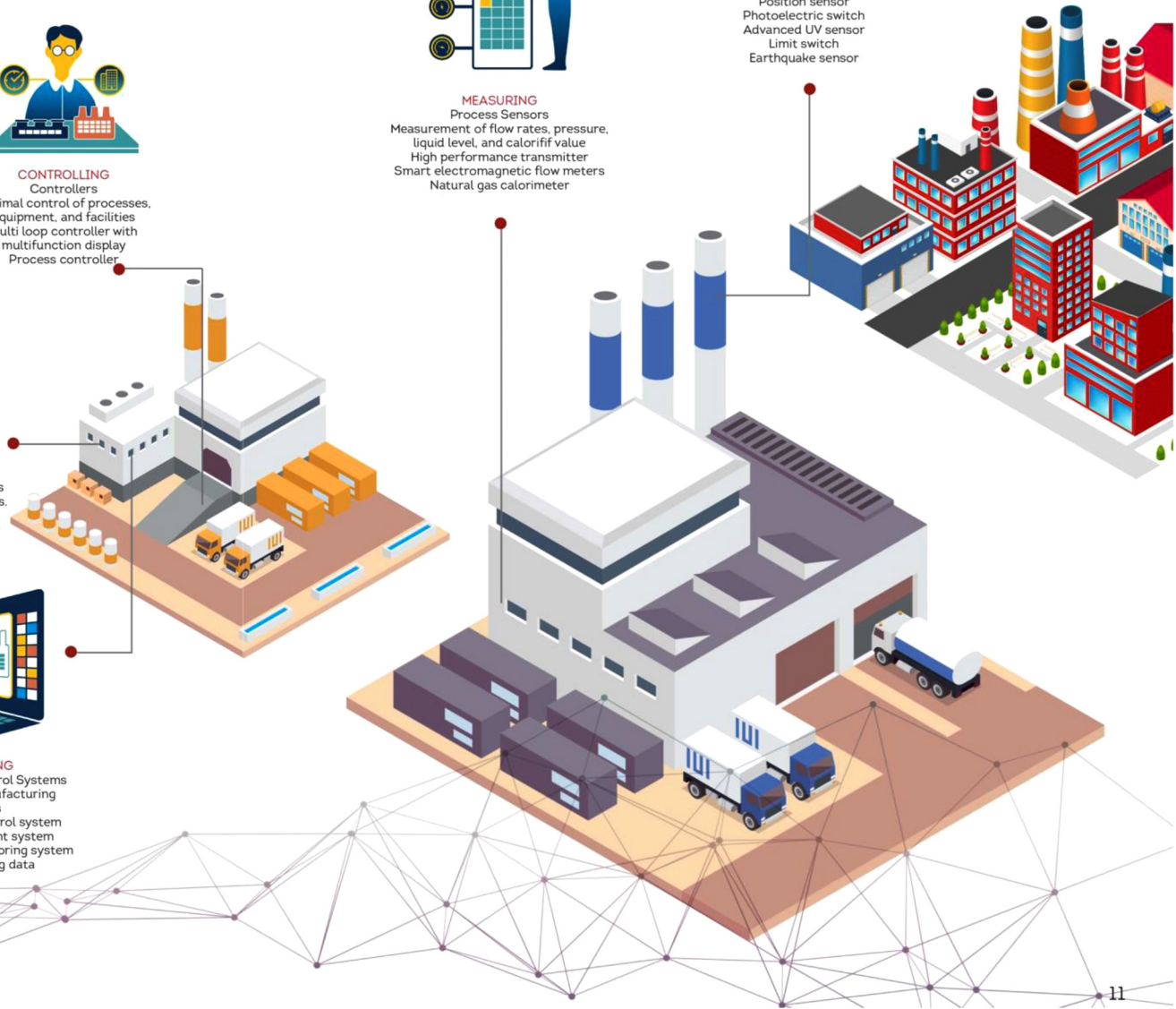
**MONITORING**  
 Monitoring and Control Systems  
 Monitoring of manufacturing processes  
 Monitoring and control system  
 Device management system  
 Online anomaly monitoring system using factory big data



**MEASURING**  
 Process Sensors  
 Measurement of flow rates, pressure, liquid level, and calorific value  
 High performance transmitter  
 Smart electromagnetic flow meters  
 Natural gas calorimeter



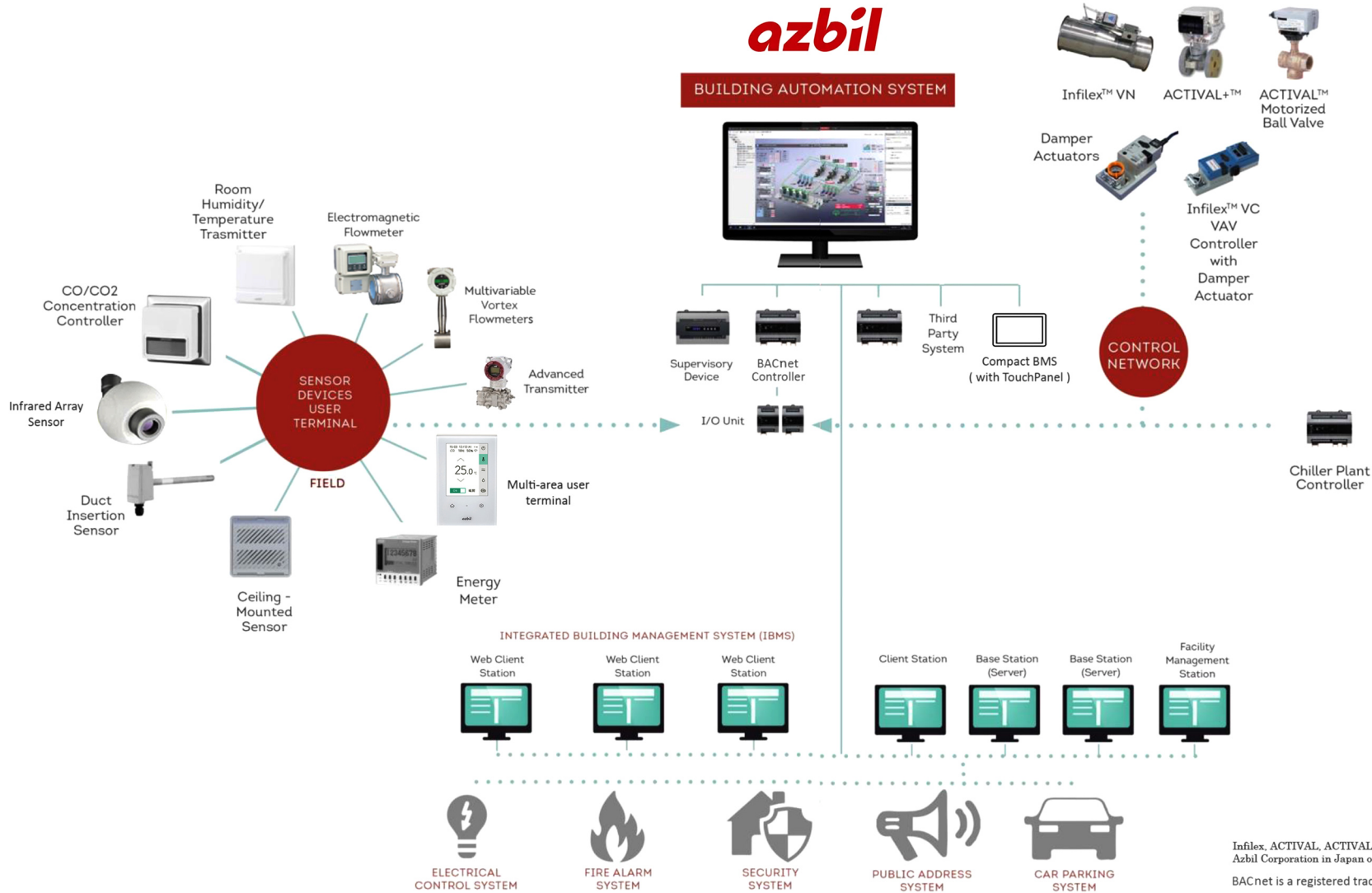
**DETECTING**  
 Sensors and Switches  
 Precise detection and high reliability to support a broad range of needs at customer sites  
 Position sensor  
 Photoelectric switch  
 Advanced UV sensor  
 Limit switch  
 Earthquake sensor



# BUILDING AUTOMATION BUSINESS IN INDONESIA

Azbil develops and manufactures an extensive range of building automation products; from building management systems and security systems through to application software, controllers, valves and sensors; thus realizing high functionality and equality.

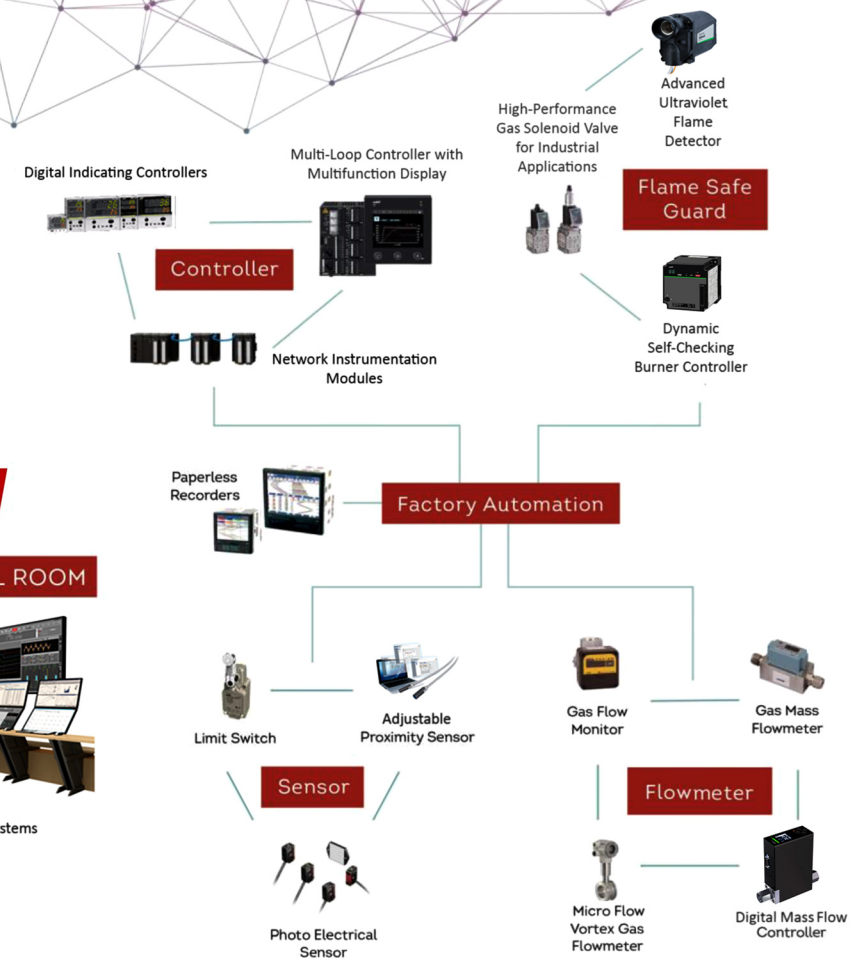
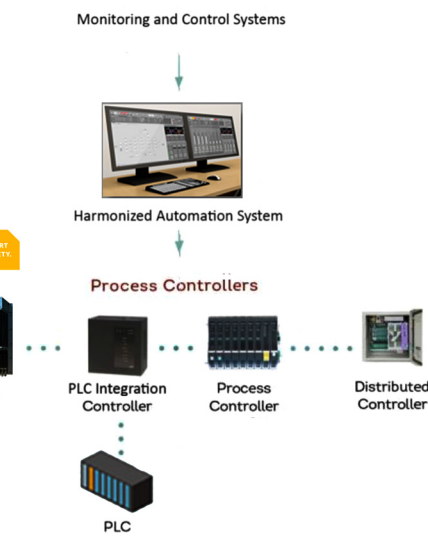
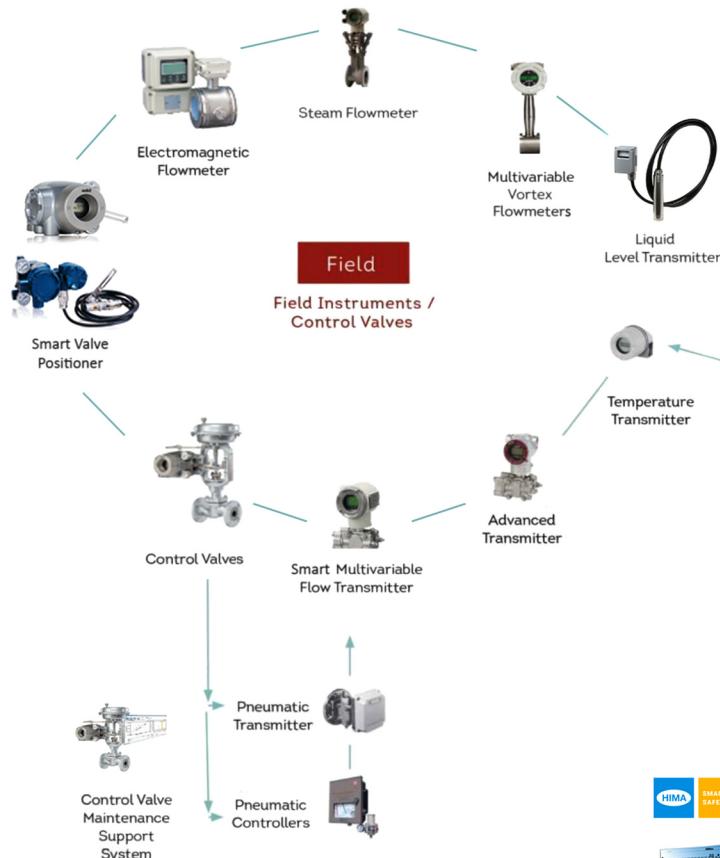
These products and services are provided through an integrated framework, ranging from instrumentation design to sales, engineering, maintenance, energy saving solutions and facility operation and management. We also apply original environmental technologies to create business and production spaces where people can work efficiently and in comfort, while contributing to reducing the environmental impact.



# ADVANCED AUTOMATION BUSINESS IN INDONESIA

Azbil solves issues in a wide array of industries, from oil refining, chemical, iron and steel, pulp and paper to automobiles, electrical / electronic, semiconductor, and foods and beverages; through the provision of products, solutions, instrumentation, engineering and maintenance services to support optimal operation of the customers' facilities throughout their lifecycle.

Collaborating with people involved in production, we develop advanced measurement and control technologies, and strive to realize a production site where workers can develop their own skills in safety, thus creating new value for our customers.





# PROJECT REFERENCE

## COMMERCIAL BUILDING

### INDUSTRY



PT. KILANG PERTAMINA INTERNATIONAL RU4 Cilacap



STAR ENERGY LTD.



PT. POLYTAMA PROPINDO



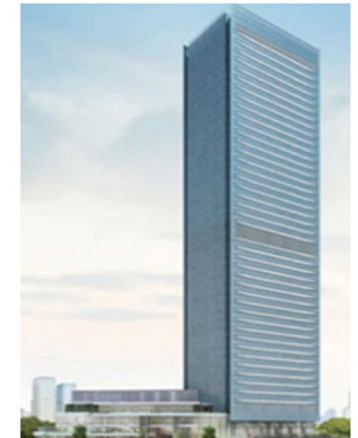
PT. PETROKIMIA GRESIK



MPP PROJECT



MENARA ASTRA



WORLD TRADE CENTER 3



GANDARIA CITY



TUNJUNGAN PLAZA



PLAZA SENAYAN



PONDOK INDAH MALL CITY

# WHY AZBIL?

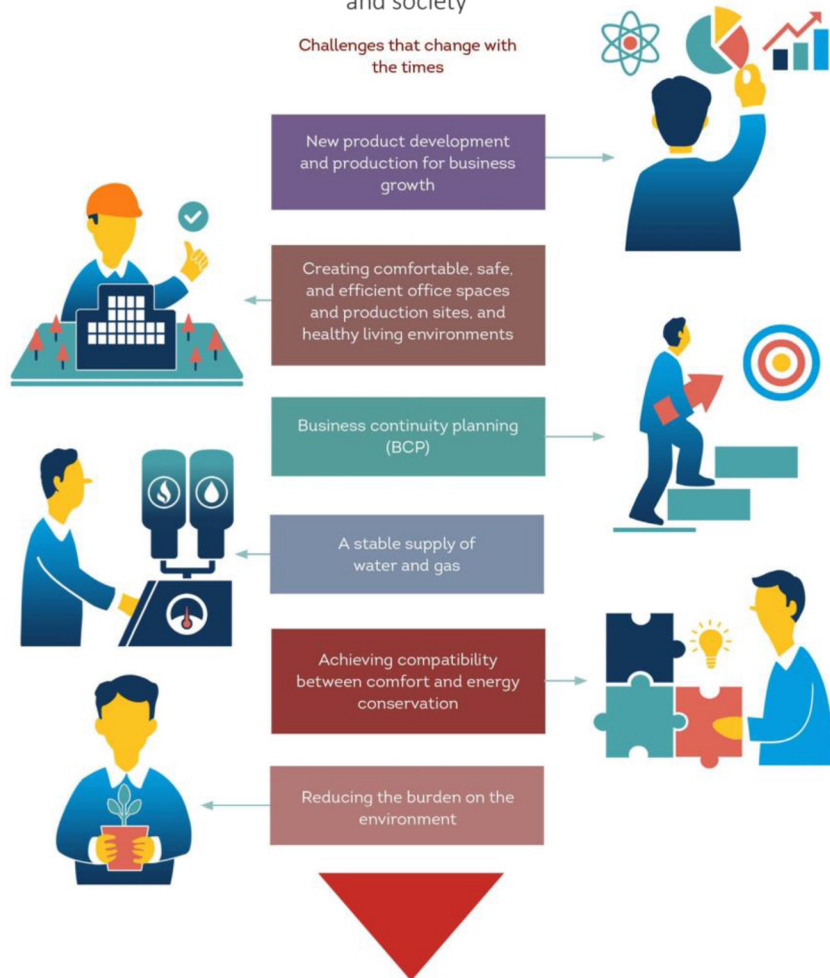
## Creating Four Core Values

The azbil Group strives to realize safety, comfort, and fulfillment in people's lives and contribute to global environmental preservation through "human-centered automation."

In buildings, in plants and factories, and in daily life, we aim to create social values through "human-centered automation" in partnership with our customers.

## Issues faced by our customers and society

### Challenges that change with the times



## azbil Group's Operations

BA BUSINESS AA BUSINESS LA BUSINESS  
Solving problems using our integrated framework closely connected to customer sites



The social values created through azbil Group's Operations  
Facilitating sustainable development for our customers and society as a whole

