

# GLOBAL NETWORK

Our global facilities work together closely to meet the needs of customers around the world.



## Business Overview



### azbil Group Overseas

- 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.
- Yamatate Automation Products (Shanghai) Co., Ltd.
- Azbil Hong Kong Limited
- Azbil North America Research and Development, Inc.
- Azbil North America, Inc.
- Azbil VorTek, LLC
- Azbil Mexico, S. de R.L. de C.V.
- Azbil Europe NV
- Azbil Telstar, S.L.U.

### azbil Group 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

As of June 2023

Handling of products and services described in this Business Overview may differ by country or region.



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The azbil Group works to preserve the environment.

PR-1007E (2306-1.5K-BC)  
 June 2023 (3rd ed.)

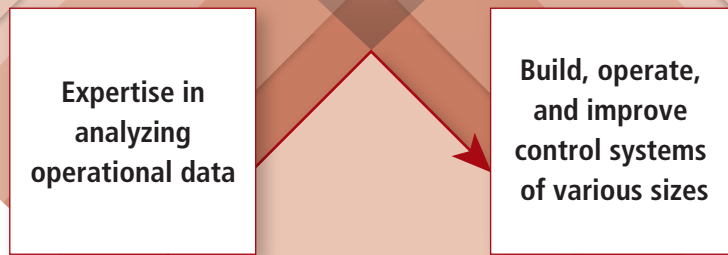
# The azbil Group's Goals for Human-Centered Automation

In the age of "big data," the azbil Group uses IoT and AI to meet the needs of an evolving industrial society, developing "new automation" in the areas of "systems, solutions, and services" and "sensors, actuators, and field devices." We achieve this through fusion of the latest in advanced technology with the technology and expertise we have cultivated in the fields of measurement and control.



## Management and Monitoring

Systems, Solutions, and Services



**The azbil Group's forte: Connecting field operations to management and monitoring**

Onsite expertise and know-how

Sensors, Actuators, Field Devices

## Wherever You Work

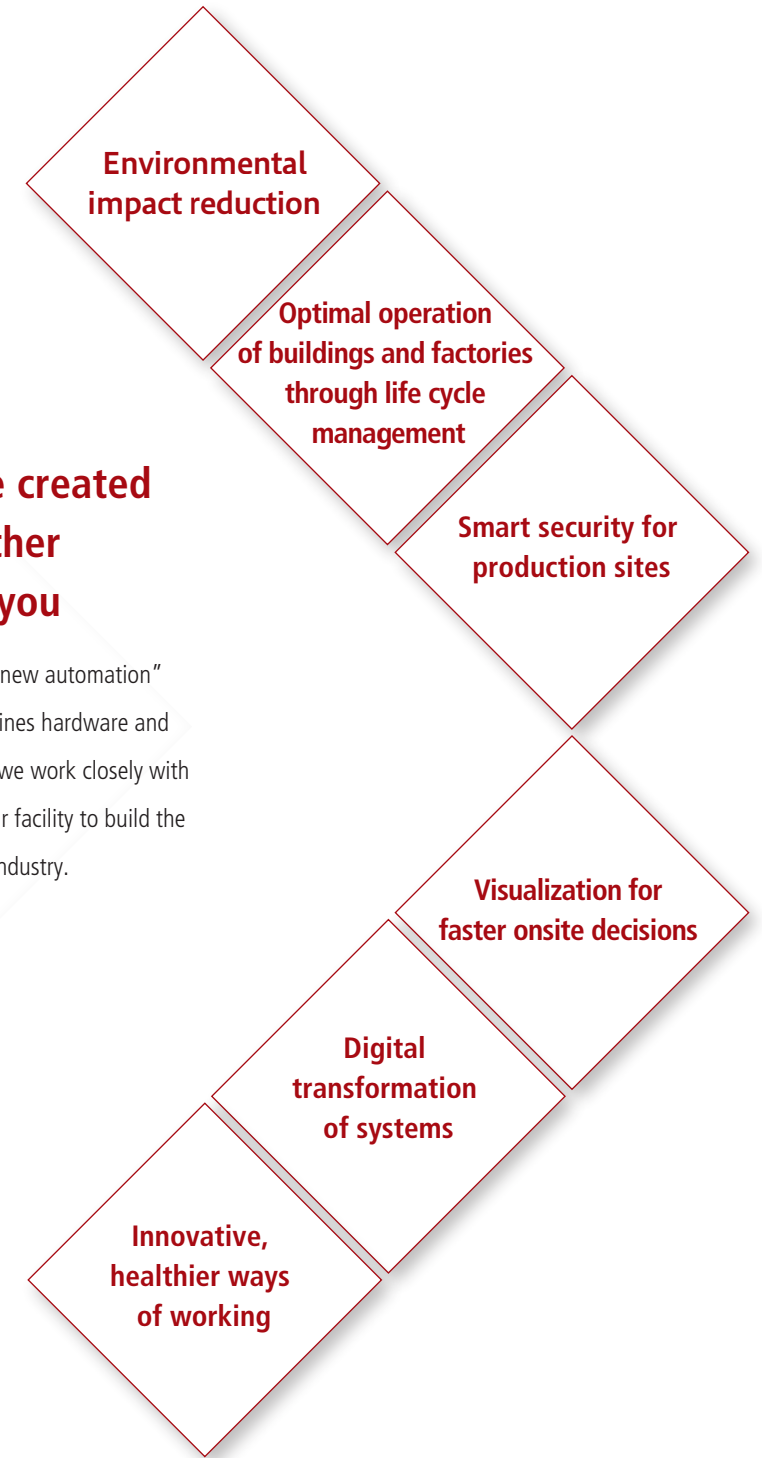


### What motivates us to create "new automation"

Using the expertise and know-how we have gained at manufacturing plants, on factory floors, and in buildings through the years, we are able to tackle problems together with you by visualizing the operational status of equipment and presenting data analysis in an easy-to-understand way. Helping you to solve problems also helps us to develop new sensors, actuators, and field devices and to create optimal control equipment.

### Value created together with you

Through "new automation" that combines hardware and software, we work closely with you at your facility to build the future of industry.





# Areas where the azbil Group is active

## Building Automation Business

**BA**

Every building should provide comfort, functionality, and energy efficiency. We help to increase the asset value of buildings.

## Advanced Automation Business

**AA**

The azbil Group helps you to meet your challenges, including energy conservation, safety, quality improvement, and environmental issues. We make workplaces convenient, safe, and comfortable.

## Life Automation Business

**LA**

The azbil Group utilizes measurement and control technologies to help people live with greater safety, peace of mind, comfort, and energy efficiency.

### Cloud Service

#### Cloud Services for Buildings

We leverage IoT technology to increase the efficiency of the energy and facility management of buildings. This reduces management costs and provides a comfortable indoor environment.



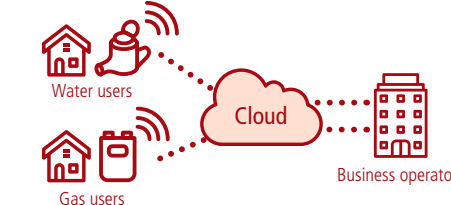
#### Work-site record-keeping service and plan management service

IT expertise is not required. We support efficiency and improvement by helping you to digitize handwritten work. We also help to digitize work related to planning, issuing instructions, and approving applications.



#### Cloud Services for Gas and Water

Using various network and cloud computing, we provide a service that enables the utilization of data collected by gas and water meters.



### Solutions and Service

#### Total Energy Management Service

We efficiently manage the energy use of buildings, helping our customers to reduce their energy consumption. At the optimal point in the life cycle, we renovate and improve various types of facility.



#### Comprehensive Building Management Service

We handle building operation and management through remote monitoring on a 24-7-365 basis, helping to create comfortable building environments and more efficient building management.



#### Total Building Automation System Maintenance

Through remote data collection and analysis, we provide reliable building and facility operation and reduce operational costs through preventive maintenance.



#### Control Valve Maintenance Support System

Our smart valve positioners are equipped with high-performance sensors that detect the operational status of control valves while the plant is in operation. This allows detection of control valve or positioner irregularities at an early stage and makes maintenance work more efficient.



#### Anomaly Detection & Prediction and Operation Optimization

We assist you to have safer and more reliable operation and to optimize operational planning. Using operational data, we constantly monitor to detect anomalies and predict problems.



#### Energy Management Solutions

Energy use at production sites includes air, steam, chilled water, hot water, electricity, and gas, among others. For each type, we can optimize energy utilization and management, provide visualization of energy use, and help you to comply with complex regulations.



#### Control System Security

We provide cyber security to ensure that your vital control systems operate.



### Systems, Sensors, Actuators, and Field Devices

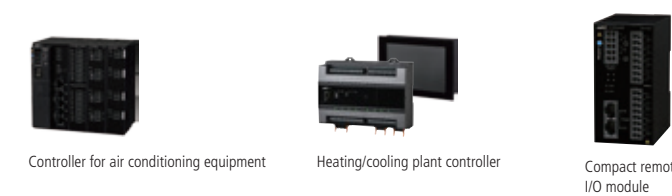
#### Building Automation Systems

Monitoring and management of the indoor environment, security, equipment, and energy usage throughout the building



#### Regulators and Controllers

Control to keep building facilities and instruments in optimal condition



#### Security Systems

Access control for buildings and rooms



#### Monitoring and Control Systems

Monitoring of manufacturing processes



#### Controllers

Optimal control of processes, equipment, and facilities



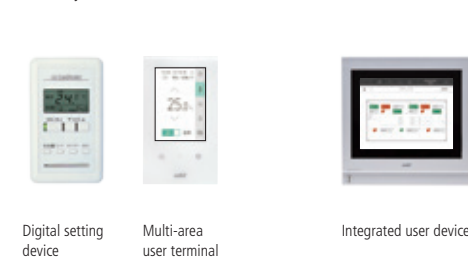
#### Sensors and Measurement Devices

Measurement of room temperature and humidity



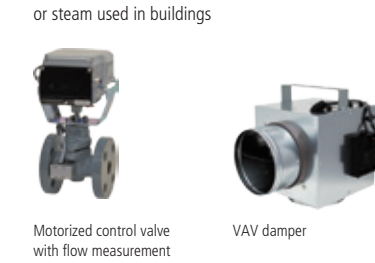
#### User-Operated Devices

Building users can set the temperature, humidity, etc.



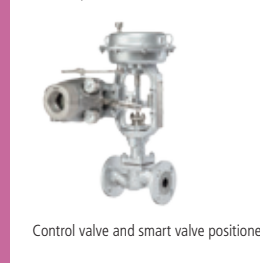
#### Valves and Actuators

Optimal adjustment of the flow rates of hot/chilled water or steam used in buildings



#### Control Valves

Optimal adjustment of gas and liquid flow rates at production sites



#### Process Sensors

Measurement of flow rate, pressure, liquid level, and calorific value



#### Sensors and Switches

Precise detection and high reliability to meet a wide range of needs at production sites



\* A communication gateway that allows the interchange of information between various kinds of control devices without programming, enabling smarter development work.

#### Gas and Water Meters

► Azbil Kinmon Co., Ltd.

#### Gas Meters, Regulators, and Water Meters



#### Life Science Engineering

► Azbil Telstar, S.L.U.

#### Pharmaceutical Manufacturing Equipment

Providing new solutions that make manufacturing sites safer and achieve high quality and high productivity in the pharmaceutical market.



#### Residential Central Air-Conditioning Systems

► Azbil Corporation

#### Central Air Conditioning System Central Air Purifying and Ventilation System

Maintains a comfortable temperature throughout the house year-round. Electronic air cleaners maintain clean air throughout the house and provide a comfortable living space.



### Where to Find Our Solutions

Office buildings Hotels Shopping centers Hospitals Schools Research laboratories Airports Factories Data centers, etc.

Petrochemicals and chemicals Oil refining Electric power and gas Iron and steel Waste management, water supply, sewerage Paper and pulp Maritime shipping Food Pharmaceuticals Automobiles Electrical equipment and electronics Semiconductors, etc.

Gas (fuel gas, LP gas) Water Pharmaceutical manufacturing Life science R&D labs Healthcare facilities Home construction, etc.

