

GLOBAL NETWORK

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



Business Overview



azbil Group Overseas

- Asia Pacific**
- 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 Hong Kong Limited

- Europe and the Americas**
- Azbil North America Research and Development, Inc.
 - Azbil North America, Inc.
 - Azbil VorTek, LLC
 - Azbil Mexico, S. de R.L. de C.V.
 - Azbil Brazil Limited
 - 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 2021

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



The azbil Group works to preserve the environment.

Azbil Corporation

Tokyo Building, 2-7-3 Marunouchi, Chiyoda-ku, Tokyo 100-6419, Japan
www.azbil.com

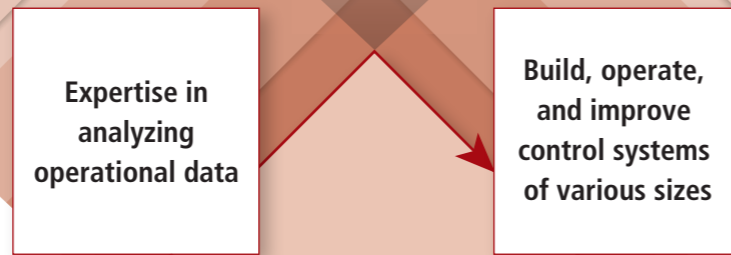
PR-1007E (2106-3K-BC)
June 2021 (1st ed.)

The azbil Group's Goals for Human-Centered Automation



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



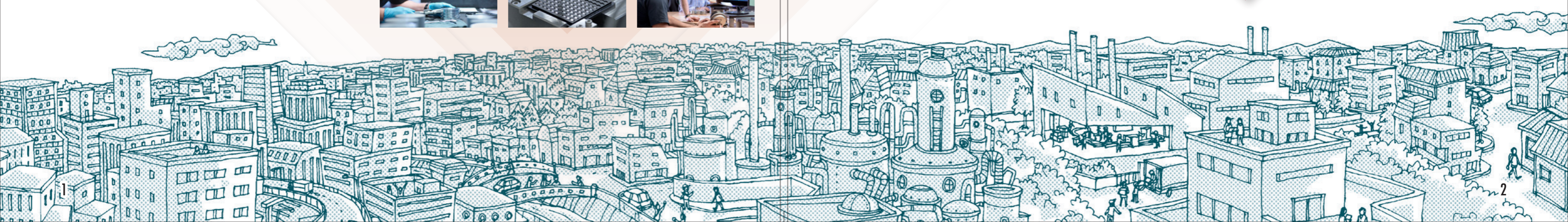
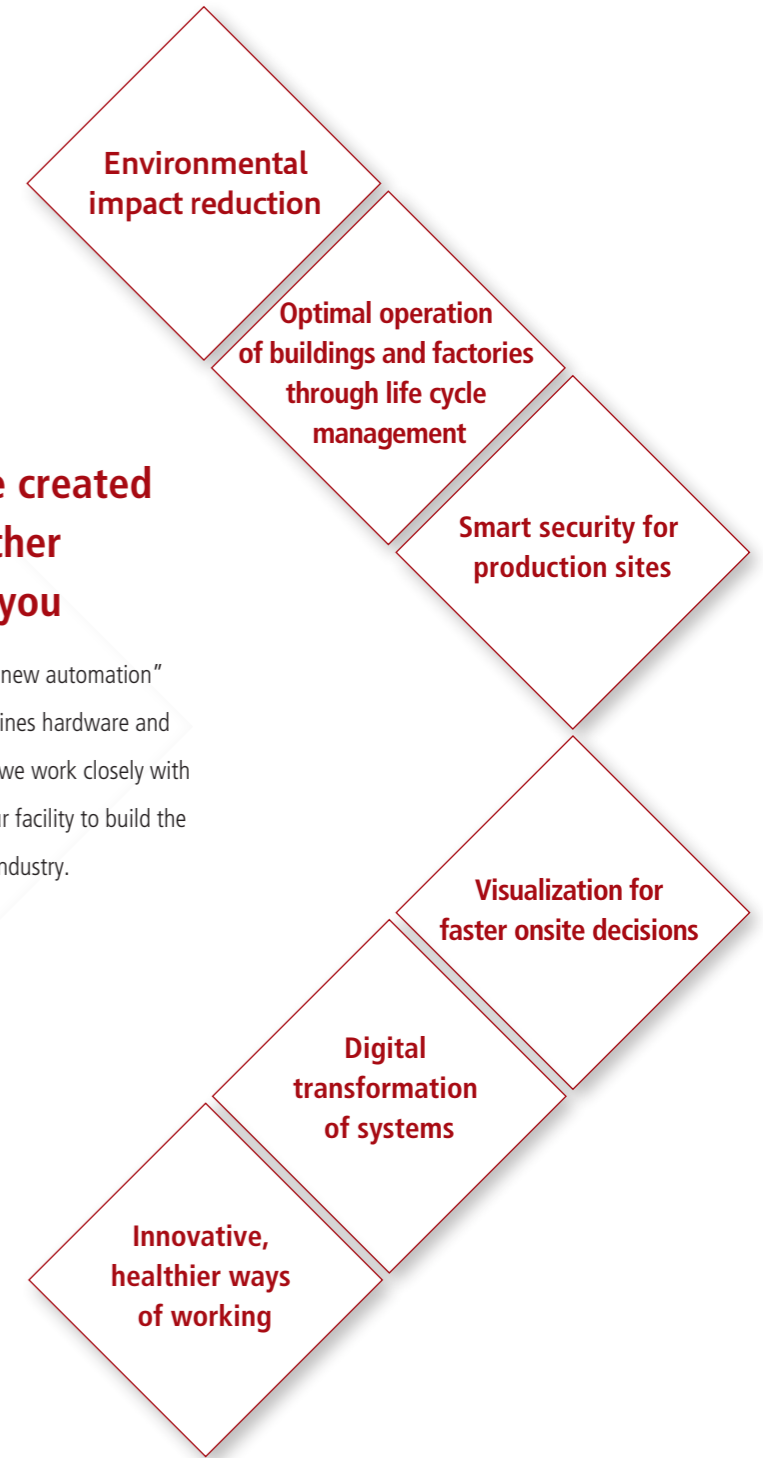
In the age of "big data," the azbil Group uses IoT and AI to meet the needs of an evolving industrial society, developing "new automation" in the areas of "systems, solutions, and services" and "sensors, actuators, and field devices." We achieve this through fusion of the latest in advanced technology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

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



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

Advanced Automation Business



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



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.



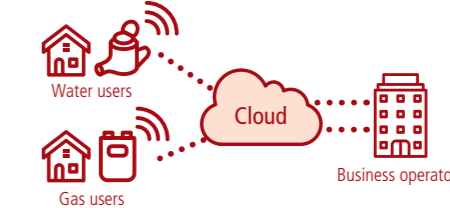
Cloud-Based Work-Site Record Keeping Service

No IT expertise is required. We help you to easily digitize all handwritten recording work, allowing you to improve work efficiency using the digitized data.



Cloud Services for Gas and Water

Using LPWA (low-power wide area) technology 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

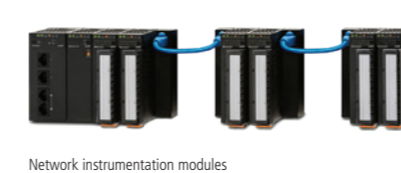


Controllers

Optimal control of processes, equipment, and facilities



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



Sensors and Measurement Devices

Measurement of room temperature and humidity



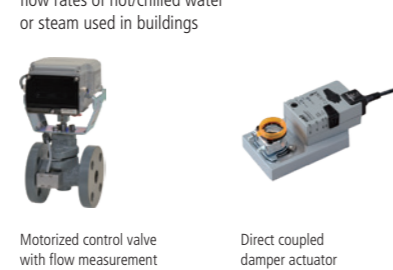
User-Operated Devices

Building users can set the temperature, humidity, etc.



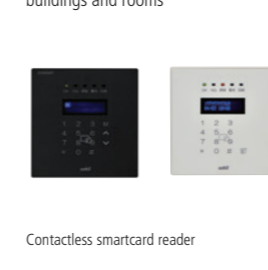
Valves and Actuators

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



Security

Detects people entering and exiting buildings and rooms



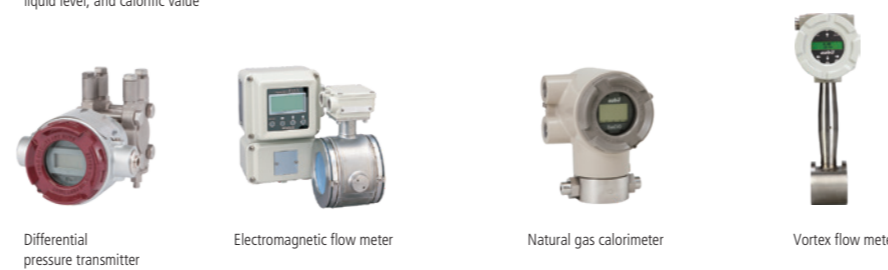
Control Valves

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

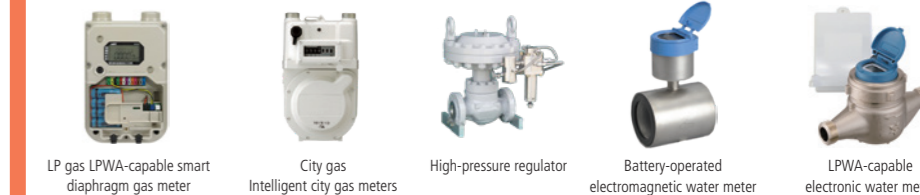
Precise detection and high reliability to meet a wide range of needs at production sites



Gas and Water Meters

▶ Azbil Kimmon 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.

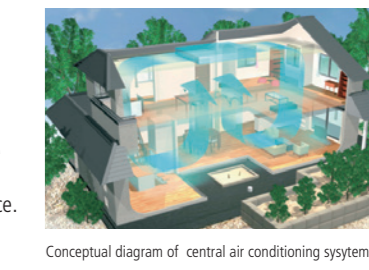


Residential Central Air-Conditioning Systems

▶ Azbil Corporation

Central Air Conditioning System

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 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 (business use) Pharmaceutical manufacturing Life science R&D labs Healthcare facilities Home construction, etc.

