

# **KANDEN ENGINEERING**

## **CORPORATE PROFILE**

*We meet all needs, We provide thorough support, By our technical power.*

 **KANDEN ENGINEERING CO.**

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scan this QR Code. ▶





## Continuing to contribute to customers and society Continuing to change for customers

First of all, I would like to express my deepest appreciation for your continued support.

Kanden Engineering has long worked on the business to underpin the electric power and communication infrastructure in various business fields, including hydraulic power generation, power transmission and distribution, and information and communications. By taking advantage of our technology and experience refined through operations, we endeavor to satisfy customers as a comprehensive engineering company through the analysis, diagnosis, design, and construction of various types of equipment, including power receiving and transforming equipment at customers.

The world is changing dramatically as it shifts to a decarbonized society. We will continue to contribute to customers and society through our business, including construction and inspection/maintenance related to energy conservation and electrification, focusing on electrical equipment at customers, as well as construction and inspection/maintenance related to electricity and communication infrastructure, which will underpin a decarbonized society.

We are determined to take on challenges and continue contributing to customers and society, leveraging our strengths as a comprehensive engineering company and meeting the needs of customers while adapting to environmental changes.

I would greatly appreciate your continued support and guidance.



**Masatoshi Okubo,  
President**

*Masatoshi  
Okubo*

Comprehensive engineering services underpinned by trust,  
reliable technologies, and a track record  
in the electric power and communication infrastructure business

### Comprehensive engineering



**Analysis and  
diagnosis**



**Inspection**



**Repair,  
renewal planning**



**Design**



**Construction**

**We offer comprehensive solutions  
for customers' equipment.**

**One-stop solutions**

**Increase the value of customers' equipment**

**Safety**

**Quality**

**Productivity**

**Energy saving  
and  
power saving**

**Environment**





## Comprehensive solutions in various business fields

We have undertaken projects to construct and inspect various types of equipment, including customers' power receiving and transforming equipment, based on our technologies and experience refined through the electric power and communication infrastructure business.

We offer all-inclusive one-stop support, ranging from analysis, diagnosis and design to construction of customers' equipment, by harnessing our outstanding engineering capabilities and solid track record.

## Technologies and experience refined through the electric power and communication infrastructure business

### Hydroelectric power generation equipment



- New construction/expansion and maintenance of hydroelectric power generation equipment

### Power transmission equipment



- Construction and maintenance of overhead power transmission equipment



- Construction and maintenance of underground power transmission equipment

### Transformation, control, and system equipment



- Construction and maintenance of transformation equipment



- Construction and maintenance of control equipment



- Maintenance of database

### Power distribution equipment



- Construction and maintenance of power distribution equipment



- Construction and maintenance of underground power distribution equipment

### Optical network equipment

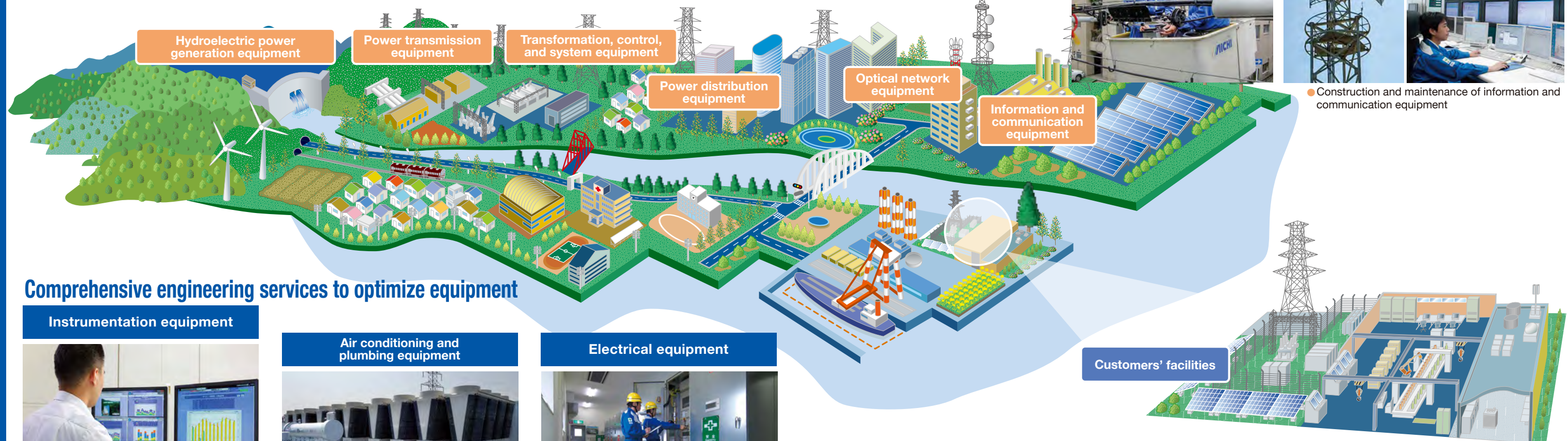


- Construction and maintenance of transmission line equipment

### Information and communication equipment



- Construction and maintenance of information and communication equipment



## Comprehensive engineering services to optimize equipment

### Instrumentation equipment



- Design and construction of equipment monitoring and control systems
- Design and construction of energy management systems using demand monitoring

### Air conditioning and plumbing equipment



- Design and construction of air conditioning equipment
- Design and construction of plumbing equipment
- Design and construction of fire extinguishing equipment

### Electrical equipment



- Wiring within plants (lighting, high-and low-voltage board construction, built-in wiring, etc.)

### Power receiving and transforming equipment



- New construction, renewal, and maintenance of extra-high voltage power receiving and transforming equipment
- New construction, renewal, and maintenance of power receiving and transforming equipment and protective relay devices
- Underground conduit and cable laying construction work
- Design, construction, and maintenance of in-plant posts and steel towers for power receiving

### Power generation equipment



- Design and maintenance of photovoltaic (mega solar) power generation equipment
- Design, construction, and maintenance of small hydroelectric power generation equipment
- Construction and maintenance of residential (emergency) power generation equipment

### Production equipment



- Maintenance, management, repair, and renewal of production equipment and machinery
- Design and production of inspection and measurement systems using image processing technologies

### Information and communication equipment

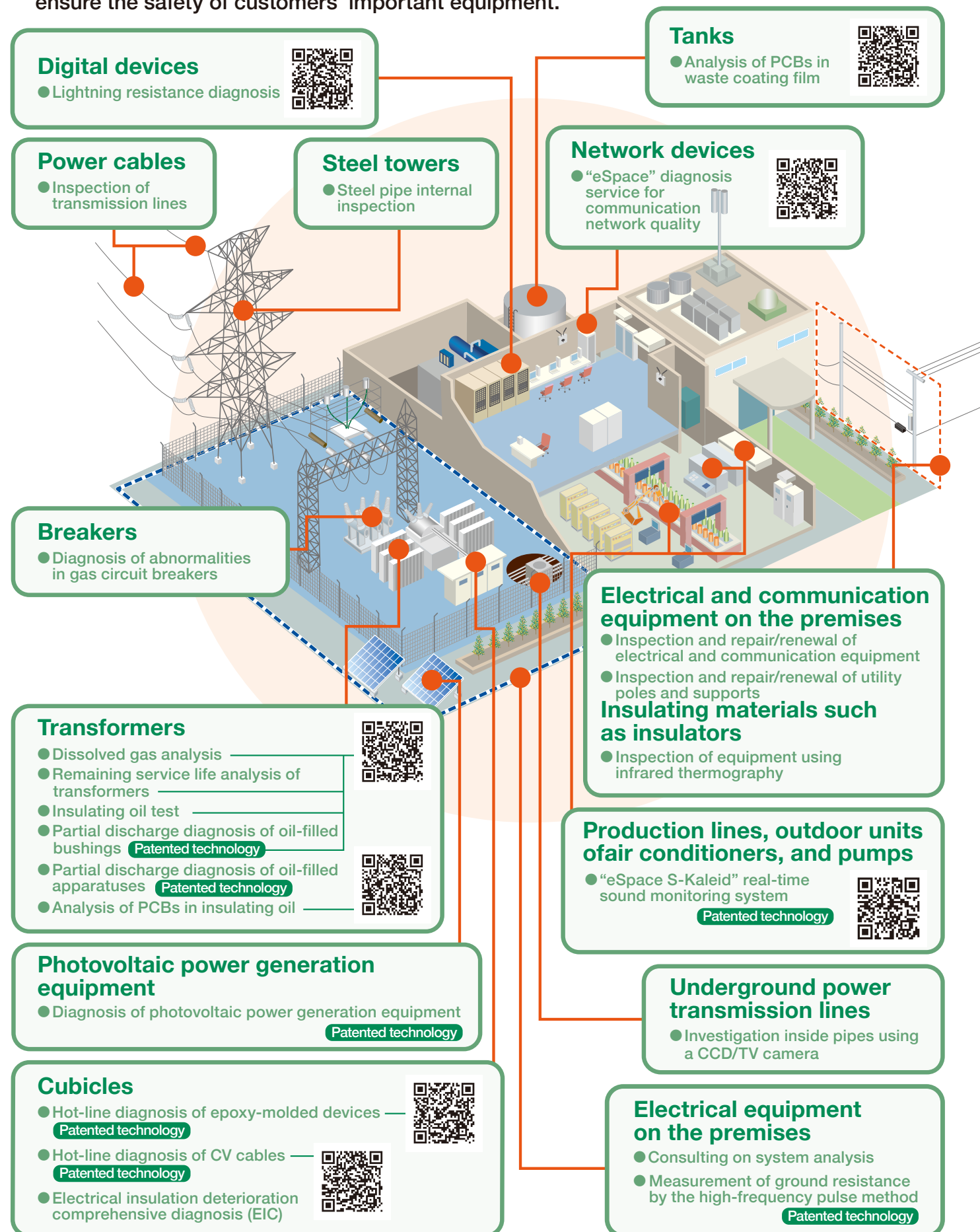


- Design and construction of internal information networks
- Construction of Internet and intranet environments



# Diagnosis technologies for comprehensive engineering solutions

We have an array of technologies to inspect, analyze, and diagnose abnormalities in electrical equipment.  
We take full advantage of our technologies to serve as “a family doctor of equipment” and ensure the safety of customers’ important equipment.



\* The status of patent acquisition is as of July 2024.

# Activities in various business fields

Our business spans various fields, including marine transport of coal ash, refinement and transport of the Sun-Ohm oil series mineral insulating oil and the Sun-Ohm ECO natural ester insulating oil (both developed in-house), and sales of electrical equipment, air conditioning equipment, elevators, and rolling stock.

## Marine transport of coal ash



## Environmentally friendly Sun-Ohm ECO



## Sun-Ohm oil series insulating oil that has the top market share in Japan



## We offer various electricity- and communication-related products manufactured mainly by Hitachi.

