

Combining “Earth-Friendly” and “Make Someone Happy”

with our technology

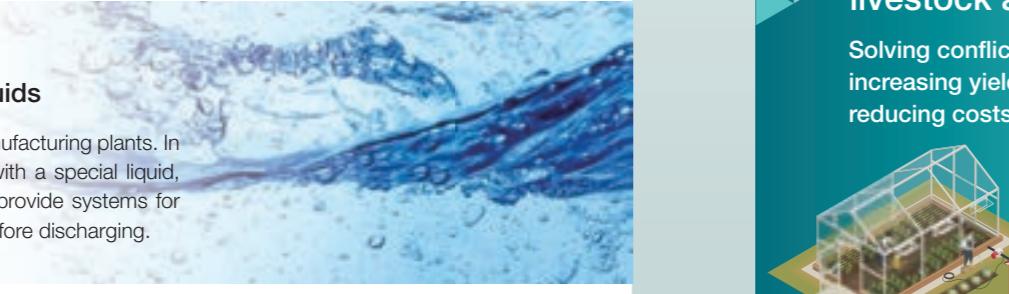
Our technologies and services



Water

**Treatment and reuse of wastewater/
Supply of pure water and chemical liquids**

Water control is an integral technology for many manufacturing plants. In the manufacturing process, fine dust is removed with a special liquid, such as pure water or a chemical liquid. We also provide systems for recycling liquids and systems for purifying liquids before discharging.



Air

**Clean room/Air conditioning equipment
Exhaust gas treatment/Dust collection and deodorization equipment**

Air control technology is required for various sites. We provide exhaust gas purification systems to road tunnel construction sites and air circulation systems to agricultural and livestock facilities as a heat countermeasure to increase their yield. We also support the installation of clean rooms in electronic component plants.



Soil

**Investigation of soil and groundwater pollution and purification
Building dismantling/Asbestos processing**

Our soil control technologies are mainly related to the purification of polluted soil and groundwater. We can determine the area, concentration and type of pollution through the assessment of soil conditions using engineering expertise. We can also provide appropriate purification treatment in accordance with the conditions of the pollution.



Energy

**Energy saving diagnosis/Measures/Greening
Production and storage of energy/Solar power generation**

Our energy control technologies are broadly classified into two categories: energy saving and energy production/storage. In the field of energy saving, we provide systems that monitor the energy consumption of the facility and reduce the consumption. In the field of energy production/storage, we support the installation and operation of solar power generation equipment.



Human resources

**Facility management (operation agency service)
Regular diagnosis/Improvement proposals**

What we provide is not only a system. One of our strengths is that we can make proposals including know-how to operate the system. We provide support such as performing daily operations on behalf of our customers as well as finding issues through regular maintenance and making improvements.



Our Solution Examples of value we provide (2)

We introduce our environmental business activities by giving examples in each field.

Agriculture and livestock area

Solving conflicting issues,
increasing yield and
reducing costs



Improving the environment for growing
agricultural and livestock products, thereby
reducing power consumption and increasing
productivity

Preventing frost damage in tea fields and
orchards and protecting crops from a natural
disaster

Locally based solutions

Ensuring the stable operation
of nationwide customer
facilities with our thorough
support



Maintaining high-efficiency operation by
constantly monitoring the operating status of
energy systems and quickly responding to
abnormalities

Investigating and diagnosing the
deterioration of air conditioning systems and
other equipment and suggesting renewal as
needed

Facility management/
Energy system management
and maintenance

Maintenance service
(air conditioners,
blowers, etc.)



For the Environment and All of Us, into the Future

Panasonic Environmental Systems & Engineering Co.,Ltd.

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MIX
Paper from
responsible sources

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Enhancing the value of customers by establishing an advanced control cycle
of water, air, soil, and energy as the infrastructure of business activities

We can provide solutions for two conflicting issues--industrial development and the reduction of environmental impact--
by using various environmental purification and energy-related technologies cultivated by the Panasonic Group.

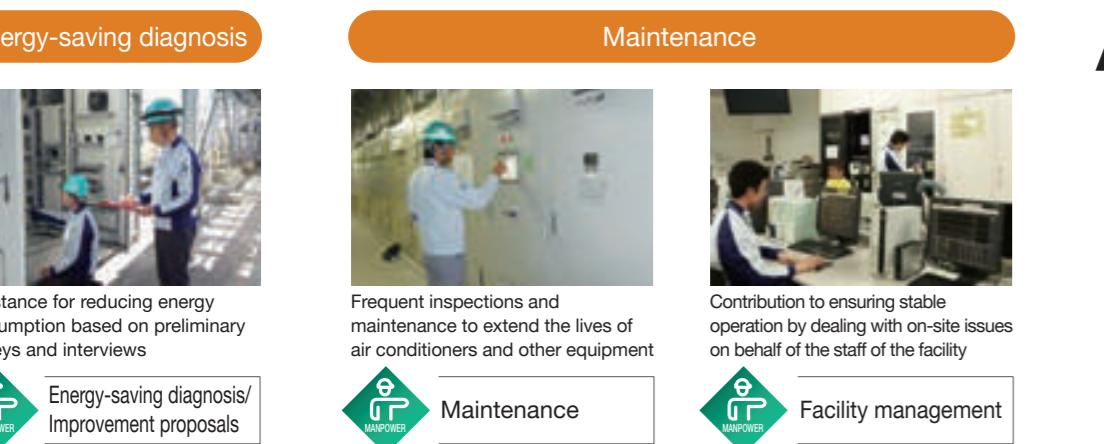
Environmental measures are no longer an investment that puts pressure on businesses.

Our engineering helps customers save costs by Reduction of waste, improving productivity,
and thereby realizing efficient and effective business operation. We can also provide customized solutions
for the issues of each customer and company by responding to any needs from the customer's perspective.

Combining “Earth-Friendly” and “Make Someone Happy” with our technology

We are committed to realizing our thoughts in this management slogan for customers all over the world.

Advanced utilization of environmental resources by our unique engineering and support system makes it possible to realize high-quality production with high efficiency and low environmental impact.



Remote monitoring and regular inspections to ensure stable operation, as well as an operation agency service to efficiently maintain facilities

We provide not only solutions in each process but also regular maintenance and proposals to maintain and improve system performance in the long run as a long-term partner. This total support is one of the features of our services. We also assist customers to ensure stable operation as an agency who performs on-site operation on behalf of them.



Reduction of pollutant emission contributes to saving waste disposal costs as well as to the protection of the global environment

Our technologies contribute to reducing the amount of waste materials at manufacturing sites where waste reduction is aimed with zero emissions in mind. Specifically, we provide treatment systems that efficiently remove harmful substances from wastewater, waste liquid, and exhaust gas and purify them to return to nature, as well as systems that extract valuable materials from wastewater to reuse them. We also work on the purification of polluted soil.

