

Energy management in buildings

#Energy saving diagnosis and consultation #Energy saving equipment control #Equipment sensor data #Remote maintenance



**Panasonic
Accelerator**

by Electric Works Company

Division/Department

Marketing Division / Spatial Solutions Business Development Department



Business Overview

Providing work environments that start with the worker and supporting continuous space updating for our customers
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Target Markets

Non-residential
New Ways of Working
energy management

Issue

Balance the value provided to workers (comfort, improved productivity, etc.) and the value provided to owners (energy savings, etc.)
Continuous creation and provision of services through utilization of office space and building facility data
Establish consulting services based on data analysis

Assets

Facilities and data (environment, human behavior, etc.) in our office (worXlab*)
https://www2.panasonic.biz/jp/solution/office/live_office/

Partner Requirements

Health-related services backed by medical knowledge, health estimation based on human data
Space design infrastructure based on digitalization of space conditions (temperature, humidity, airflow, etc.) and simulation of their utilization
Energy conservation diagnosis and improvement tuning algorithms
We are looking forward to working with partners who can promote the following with Panasonic!

In-building facility management

#Operation efficiency #Safety #Safety #BIM #Sensing #CO2
visualization #evacuation guidance #fire sign #disaster prevention
#BCP #breaker



**Panasonic
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Division/Department

Energy Systems Business Division / System Components Business Unit



Business Overview

Comprehensive control, monitoring and management of non-residential facilities (air conditioning, lighting, disaster prevention, access control systems, etc.) and energy saving.

Target Markets

Non-residential
Workplace Optimal
Control
Facility Management

Issue

Building life cycle (new building installation ~ operation and maintenance ~ repair)
(Example of value creation and provision of services to solve customer issues at the operation and maintenance stage (facility management))
(Examples of services such as operational efficiency, energy efficiency, safety, security, etc.)
BIM linkage/management of other sites, CO2 visualization,
evacuation guidance, network security

Assets

- 1) Equipment products (central monitoring system ESU-BA, lighting control FreeFit, access control system eX-SG)
- 2) Historical data of each facility and sensor
- 3) Possibility to use equipment actually in operation

Partner Requirements

Service ideas to solve customer issues in facility management
Development of cloud applications to realize ideas
Data analysis of facilities, sensor history, etc.
We are looking for partners who can work with us to drive facility management innovation by leveraging Panasonic's facilities and equipment data!

Multiple EV Charging Management

#Operating vehicles #Multiple charging management #Volume charging visualization #SOC #Optimal charging proposal



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Due to the possibility of crossing multiple departments

If you are interested in this topic.

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