

## Solutions to improve worker wellbeing

#Health #Diet and exercise #Comfort (light, sound, scent) #Interaction  
#Emotional and vital analysis #Office environment analysis #BIM  
integration



**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/](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!

## Coordination solution with indoor lighting

#Beacon #Environmental sensor #Indoor positioning #Data collection  
#Data utilization #Productivity improvement



**Panasonic  
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## Division/Department

Lighting Business Division / Lifestyle Lighting Business Unit



## Business Overview

We aim to create product services that take advantage of the lighting location.

## Target Markets

Lighting exists  
All indoor markets

## Issue

We are looking for ways to utilize lighting other than skylight  
When we think of "lighting = infrastructure attached to the ceiling," we can see various characteristics.  
It is always present in spaces where people are present, "power supply lines are coming from it,"  
"there are few radio shields," and so on.  
We will work with you to create and commercialize products and services that take advantage of  
the location of such lighting. SU's ideas and speed will make it happen together!

## Assets

- (1) You can consider devices and functions that you would like to incorporate into our lighting fixtures, which boast a high market share.
- (2) You can scale up your commercialized idea by utilizing our nationwide distribution channels (distributors, construction stores, and clients).

## Partner Requirements

"It would be interesting to incorporate our company's functions into the lighting!"  
"Our service will be more convenient if we add such a function to the lighting! (e.g., use of beacon signals from lighting, etc.)  
We are looking for such co-creation ideas from everyone.  
We will continue to collaborate with promising ideas after the program period.

## Mobile battery solutions

#e-block collaboration and use case creation #sharing #data  
utilization #in-office utilization #disaster prevention



**Panasonic  
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## Division/Department

Energy Systems Business Division / System Components Business Unit



## Business Overview

Make a world without wires a reality! A small battery that can be removed and carried.  
<https://www2.panasonic.biz/jp/souchikuene/chikuden/e-block/feature/>

## Target Markets

Power Solutions  
Workplace  
Space Value  
Enhancement

## Issue

Expanding the e-Block Charging/Discharging Devices to Create a New World of Power Usage  
Early expansion and innovative development of charging/discharging equipment lineup  
Develop business models for solutions (e.g., sharing, etc.) using server data, and  
Establishment of systems related to the business model and development of solutions utilizing server data

## Assets

- (1) Actual e-block equipment
- (2) Data in e-block
- (3) Communication specifications
- (4) Co-creation study with general contractors and design companies
- (5) In the event of a demonstration, etc., use of the premises and related facilities in Japan will be discussed separately.

## Partner Requirements

We want to expand into new areas at an early stage with co-creation partners. Companies that can build new components and systems for eBlocks or a company that can develop a business model for sharing and re-carrying by utilizing e-block data (remaining charge, abnormal information, charge status, etc.). We are looking forward to working with companies that are skilled in the system development and operation of eBlock data management systems!  
Let's expand charging/discharging equipment for eBlock, build solutions, and create a new world of power usage!