

# ICT for Society and Happiness

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# SECOM Group Overview

Founded: 7 July 1962

Common Stock: JPY 66,377 Million

Number of Group Companies: 199

Number of Group Employees: 57,957



International operations: 21 countries/territories

Consolidated Revenue: JPY 881 Billion

Consolidated Ordinary Profit: JPY 135 Billion

Number of Contracts: 2.72 Millions

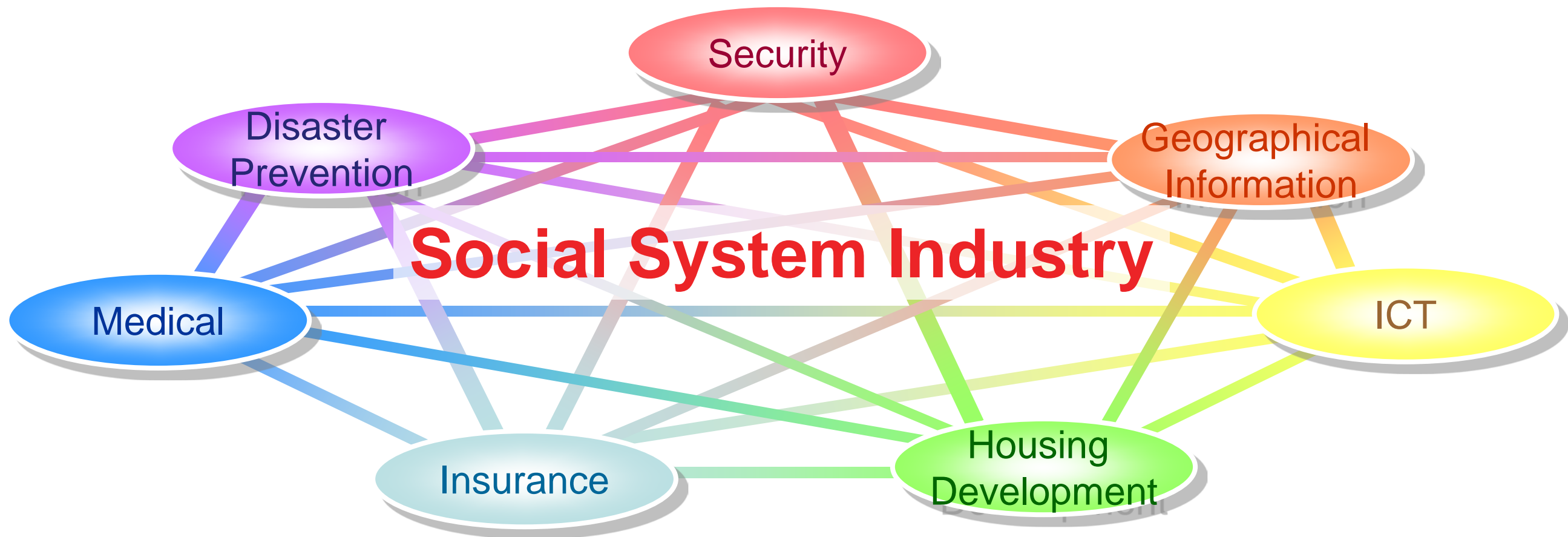
(as of March 2016)

# Corporate Philosophy and Seven Services

Our Corporate Philosophy is “Realizing the **Social System Industry**”

▪ ▪ ▪ to create a secure, convenient and comfortable society

through the **integration and fusion** of seven services based on **Social Design**.



In a word, rely on SECOM in any troubles

# SECOM's "OMOI (想い)"

We, SECOM, have "OMOI (想い)" – Will to act for people and their happiness.

By focusing "OMOI" to our customers appropriately, we have created SECOM's culture, "Building up good services for society".

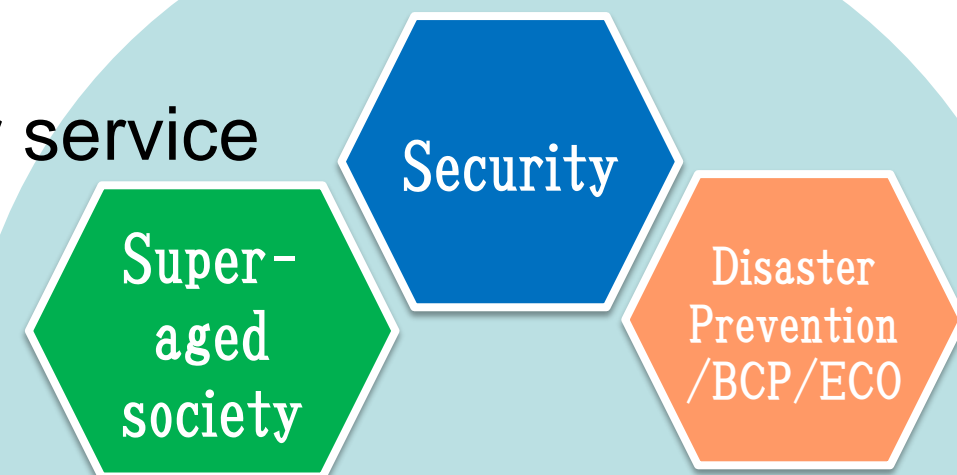
"OMOI" makes us think over what are worrying customers.

"OMOI" makes us think over how customers are delighted.

This is how we have been offering a variety of services steadily for 54 years, since our establishment.

When we consider the present and the future, very important issues are: "Security", "Super-aged society", "Disaster Prevention".

SECOM have a firm "OMOI" to create much better service in these important fields.



# “OMOI” and Power to realize it

- Strong “OMOI” to society.
- Power to realize “OMOI”



“People” sharing “OMOI”

“The organization” with no compromise and full of justice

“Schemes” which continue developing

Innovative “R&D capability”

## Social Design based Vision of SECOM

# Cutting-edge Technology for People and their Happiness





# SECOM's Philosophy in R&D

## ■ Amplifying the valuable capabilities of “human”

HUMAN should be always in the center.

then, any technologies should be for HUMAN as tools.

HUMAN do what human should do. All other tasks done by technologies.

## ■ R&D based on “Fundamental Operation Processes”

### Fundamental Operation Processes(FOP)

Finding “Small Changes” accurately.



Understanding the “Meaning of Changes.”



Responding effectively based on the “Meaning of Changes.”

# SECOM's Security Service has Amplified Human Capabilities

The number of subscribers: **2 millions**

If operated only by manpower: **20 millions security guards!?**

SECOM'S security guards: **approximately 20,000.**

## Service Engineering

Systems for monitoring and information control



People can concentrate on  
the unique ability of human

SECOM amplified human capabilities  
to **1,000 times**



# Basic Example of FOP : SECOM's Online Security Systems

## STEP2

Understand the precise situation

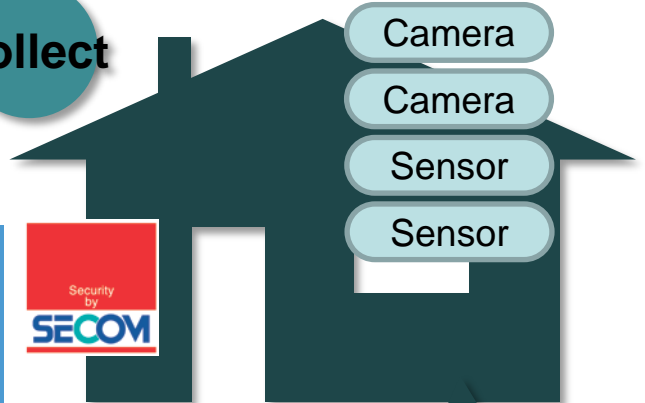
## STEP1

Detect incidents



integrate

Collect



**Integration of human and technology**

- Around-the-Clock monitoring by Sensor Network.
- Analyzing and quick action by human.

decision

response

direction

dispatch

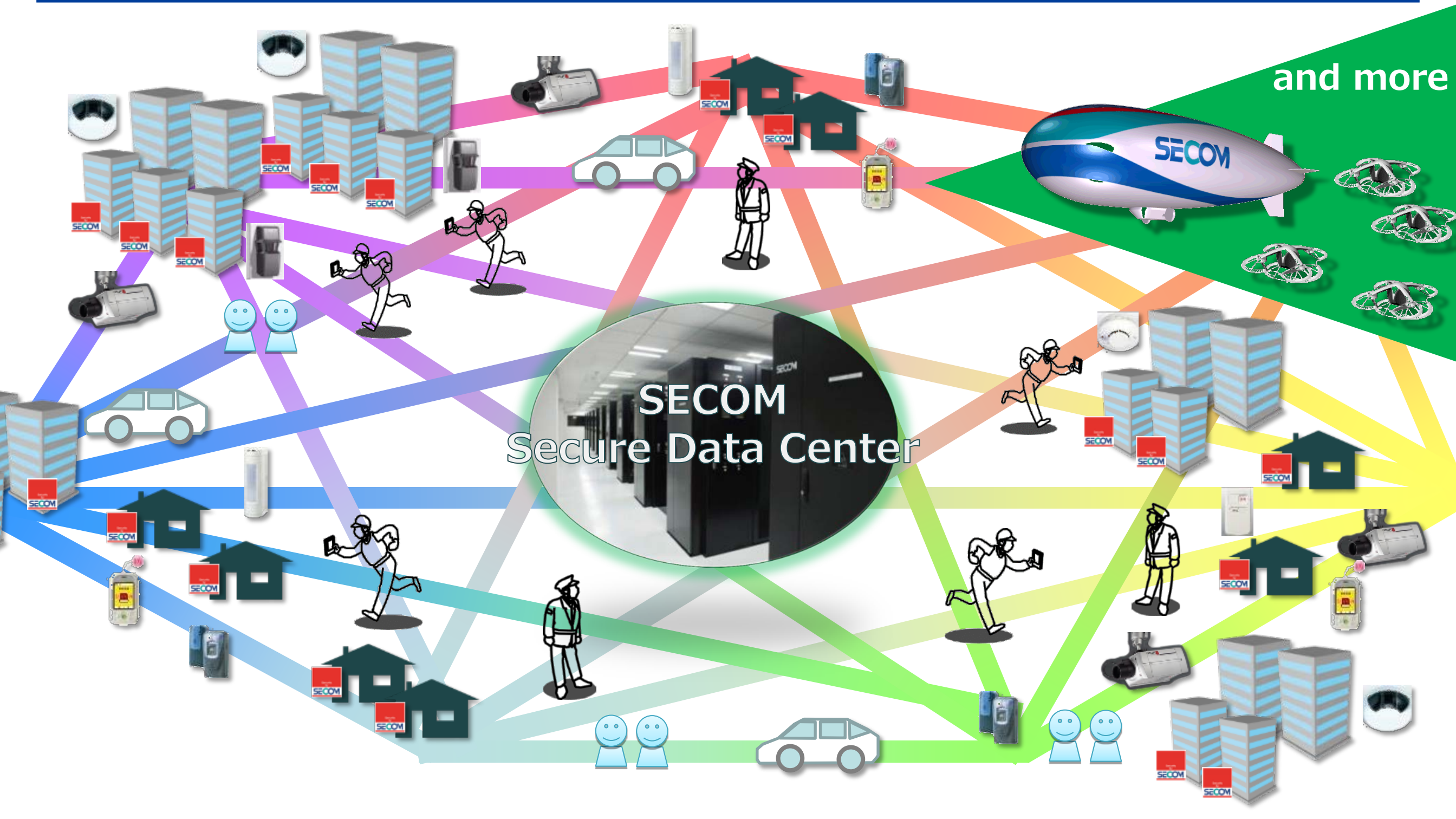
## STEP3

Respond



**Detect incidents** · **Understand the precise situation** · **Respond**  
as fast as possible.

# Existing Sensor Network to Find Changes



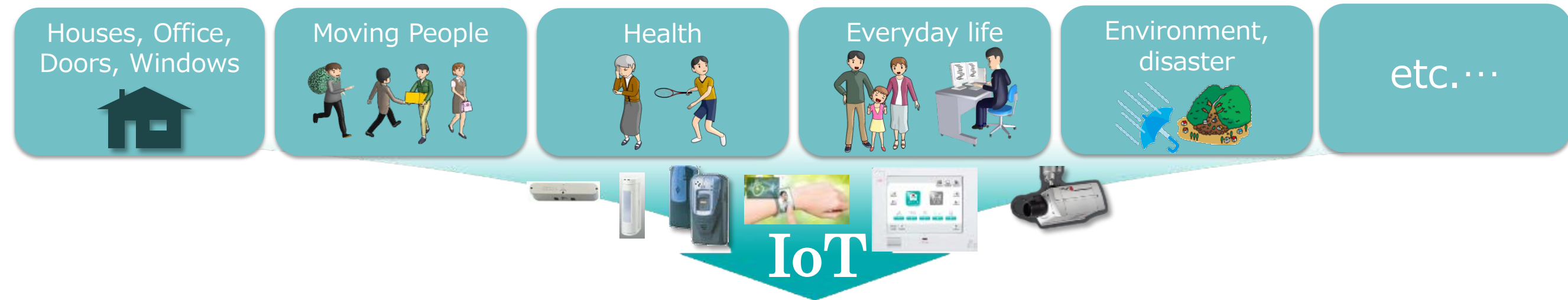
More than 60 million sensors to find changes quickly



# Social-Design with IoT・Big-Data・AI



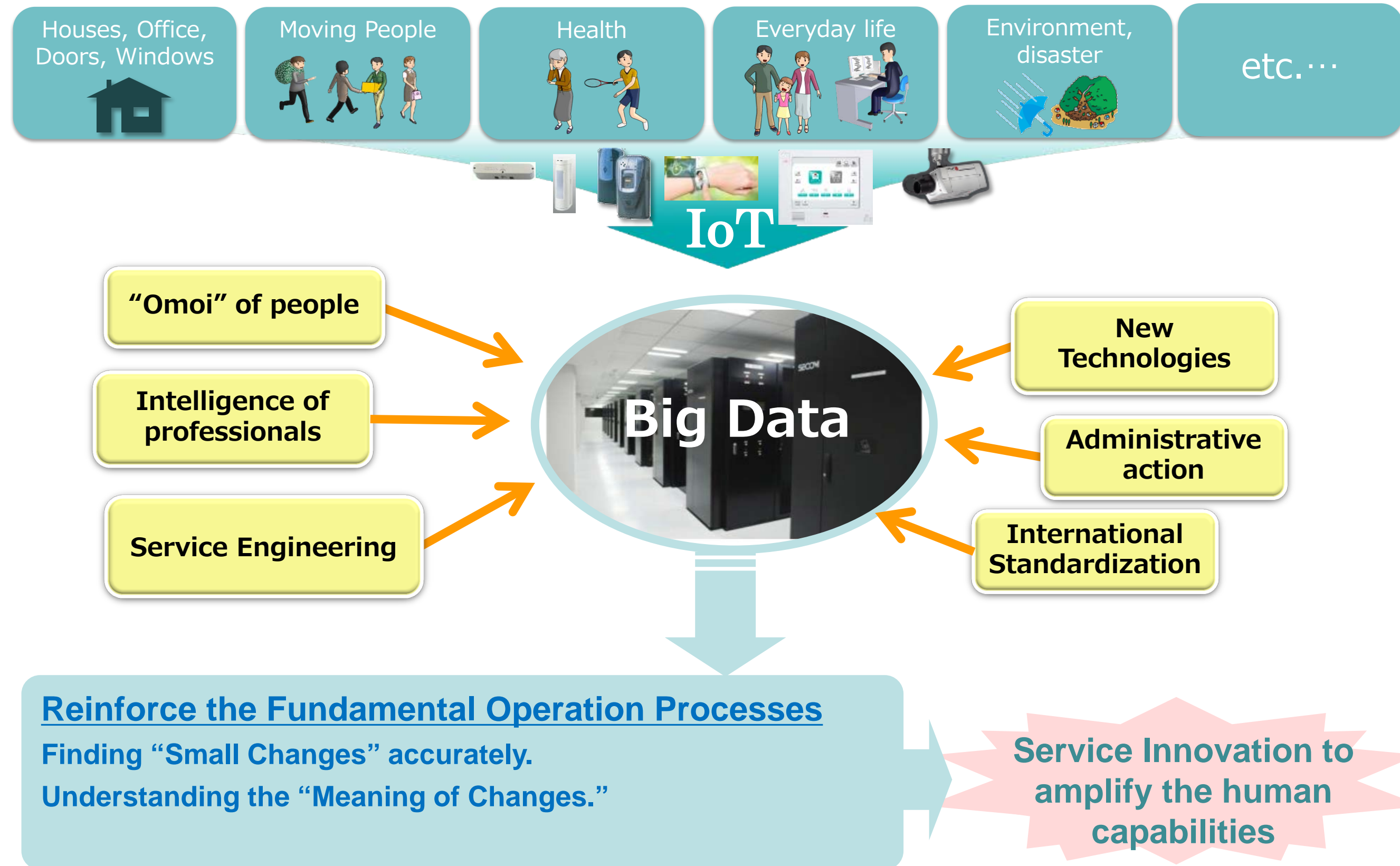
# True value of IoT : Finding “Small Changes” accurately



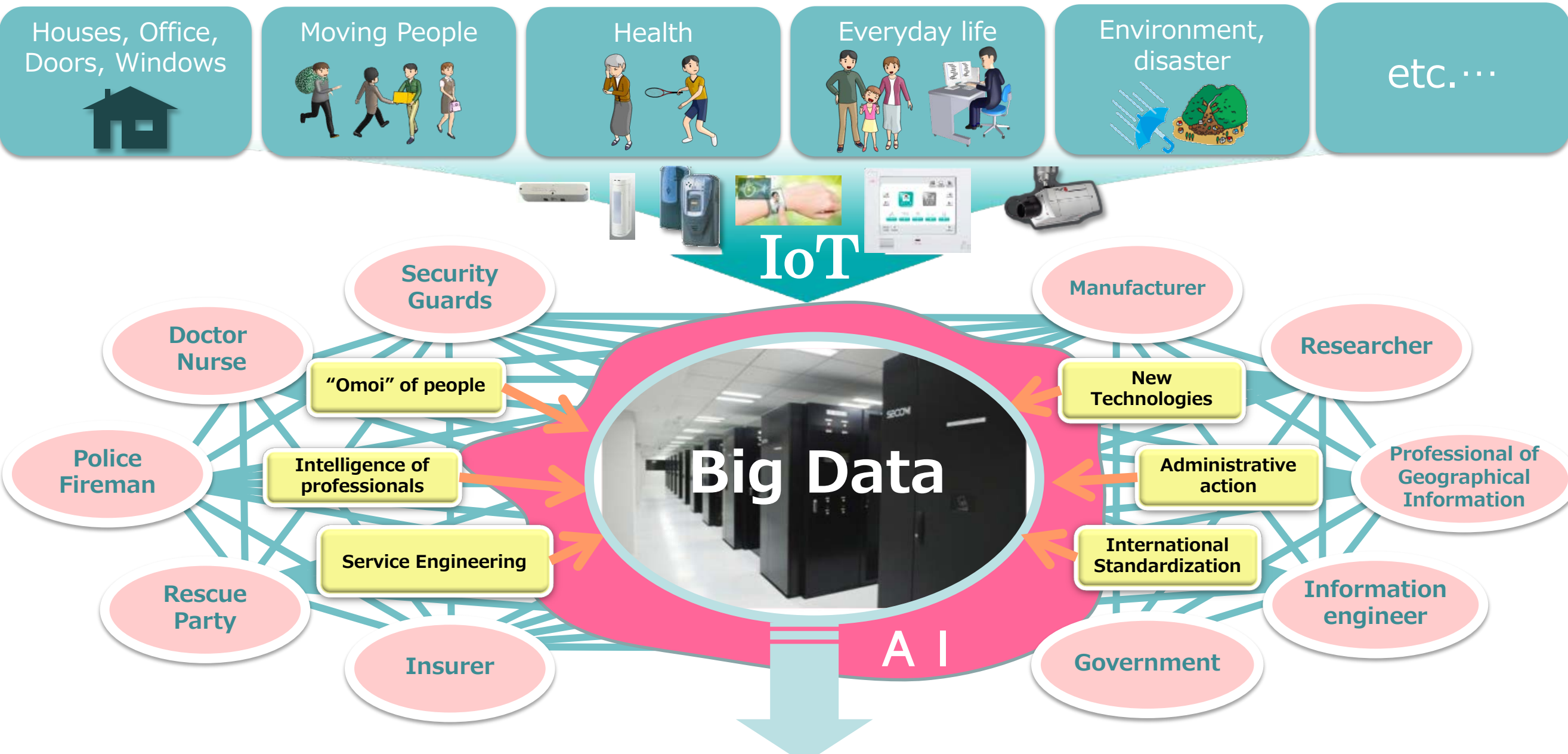
**Reinforce the Fundamental Operation Processes**  
Finding “Small Changes” accurately.

**Service Innovation to  
amplify the human  
capabilities**

# True value of Big-Data : Understanding the “meaning of changes”



# Collaboration of different fields gives social value to IoT & Big-Data

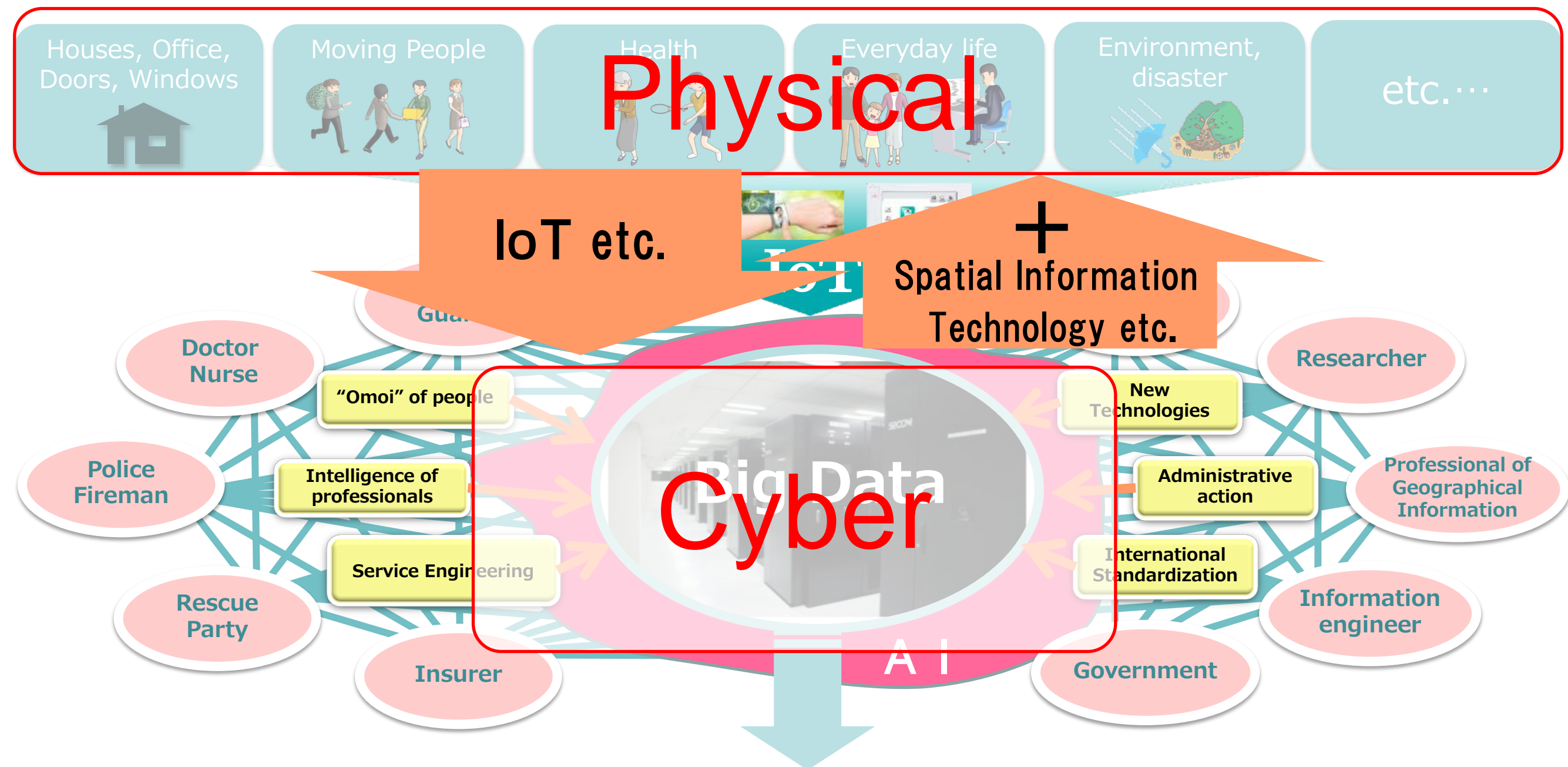


**Reinforce the Fundamental Operation Processes**  
 Finding "Small Changes" accurately.  
 Understanding the "Meaning of Changes."  
 Responding effectively based on the "Meaning of Changes."

**Service Innovation to amplify the human capabilities**



# Relation between “Physical” and Cyber



## Reinforce the Fundamental Operation Processes

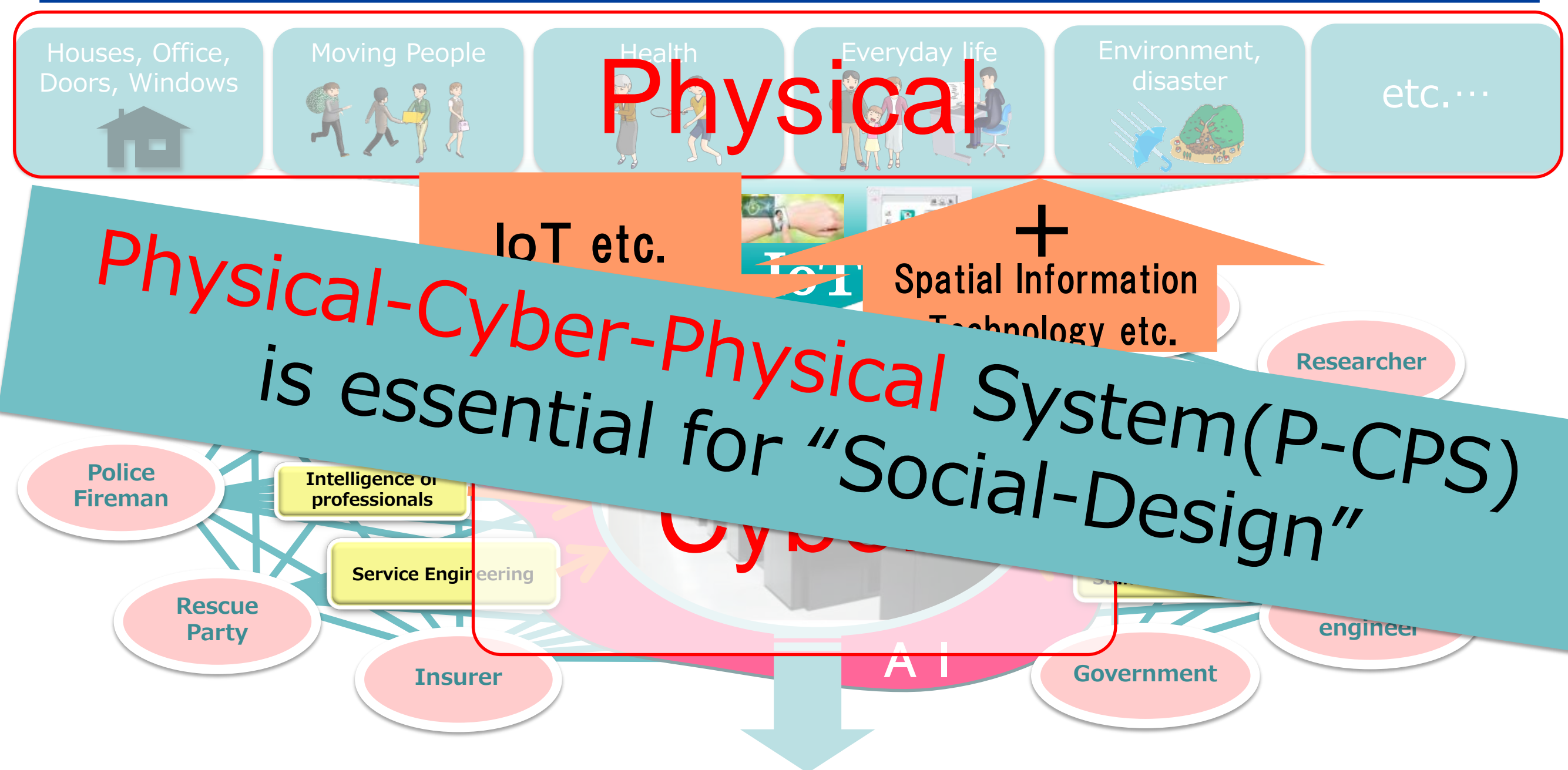
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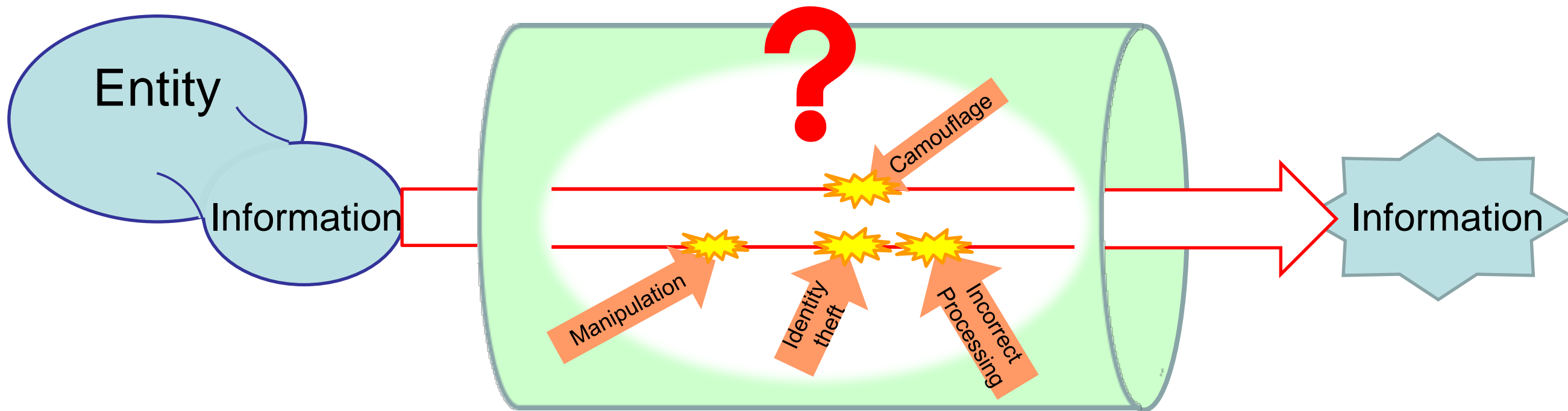


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**Service Innovation to amplify the human capabilities**

# Keystone of P-CPS : Accountability and Traceability

- “Information” is derived from physical “Entity.”  
“Information” can be separated from “Entity.” (ex: writing⇒printing⇒Internet)
- “Information” is ambiguous due to such separation.



**Traceability** and **Accountability** of “Information” must be assured

What we need:

- CPS → **P-CPS**
- “Social Design”
- Collaboration with the industry, government and academia etc,
- Promoting the Open-Innovation internationally



**International Standardization &.....**



**Thank you for your  
kind attention.**

