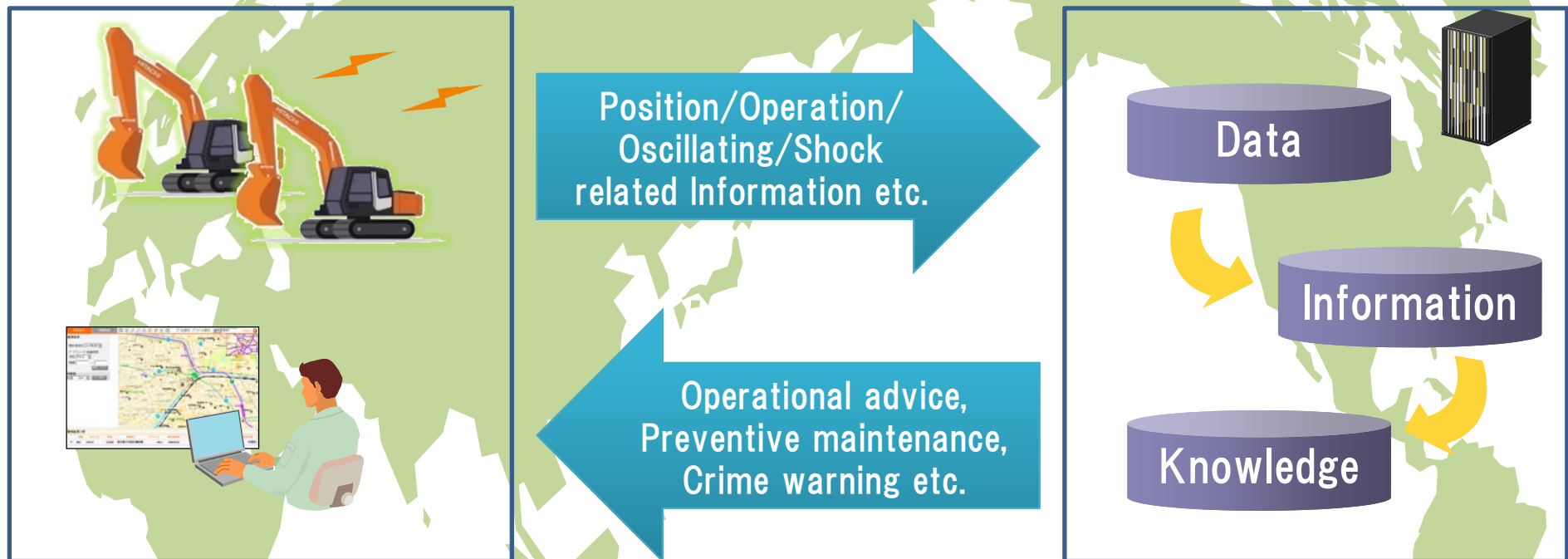


Remote Supervision of Construction Machinery

(Hitachi Construction Machinery Co., Ltd.)

Outline: Operation related information on the construction machinery which works all over the world are collected. The analysis results are efficiently reflected in the productivity improvement in the field, and operation and product modification.

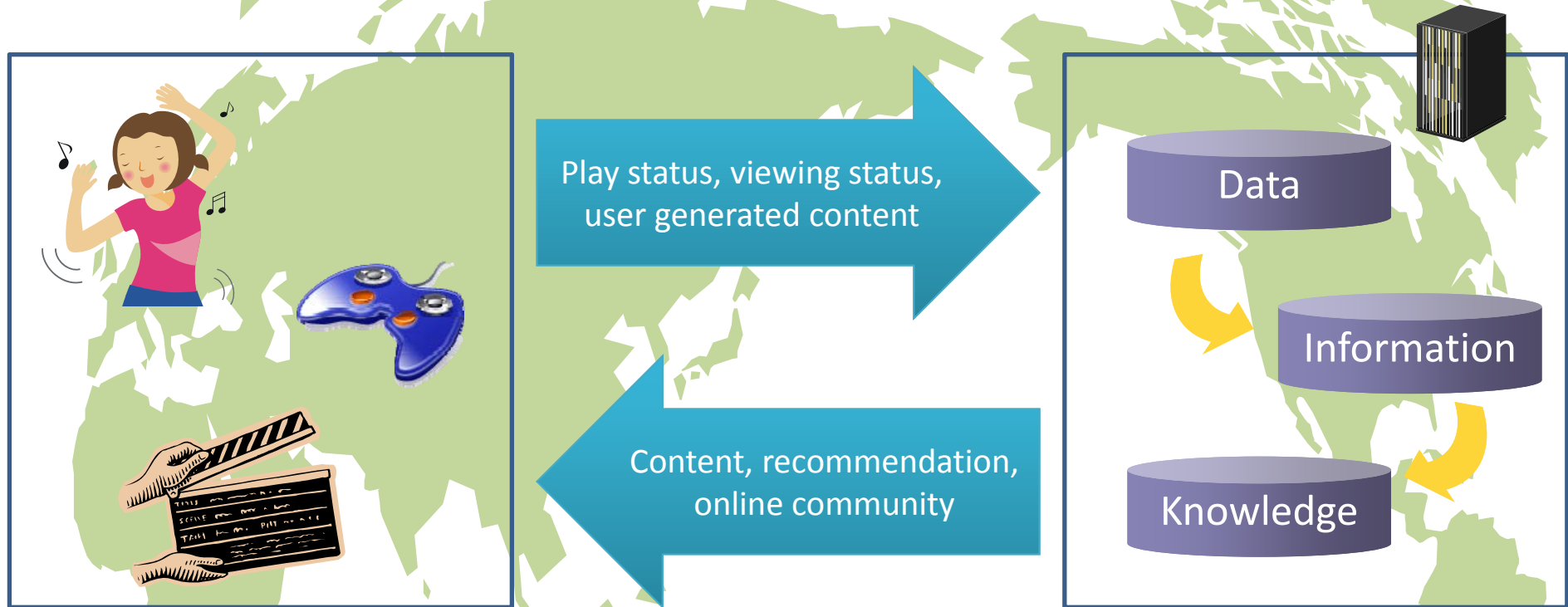


Effect on the field side : Productivity improvement,
Reduction of cost for maintenance and Accident related response

Effect on the service side : Improvement of technology and product,
Acquisition of know-how, Marketing

Entertainment Platform

Overview: deliver tailor-made wow experience by leaning taste of each user



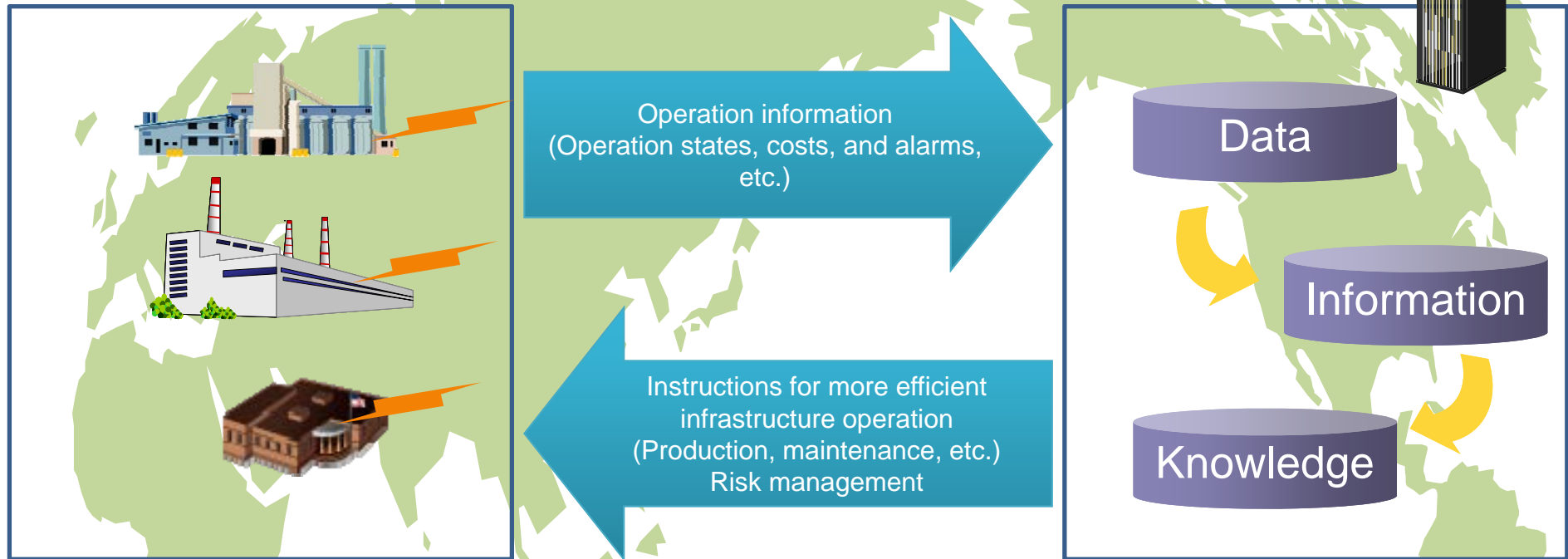
Benefit on user: wow experience, self-publishing, interaction with friends

Benefit on service provider: trend analysis, creation of new services, marketing

Operation & Maintenance of Overseas Plants and Sites

<Outline>

- ❑ Centrally collect operation data (operation states, costs, and alarms, etc.) of overseas plants and sites located in various countries.
- ❑ Utilize the know-how obtained through data analysis for more efficient operation at each site (optimization of production, maintenance, and investment, etc.) and for proactive risk management.



Effects on field side: Improvement of productivity, contingency planning for disaster

Effects on service side: Accumulation of operation know-how through centralized data analysis and management, optimization of operation at each site

Cultivating Greenhouse Strawberries in India Real-world test by NEC Corporation

Outline: This system supports greenhouse strawberry cultivation in India. It enables local cultivators to measure and record greenhouse environmental data, which can also be monitored remotely from Japan. Cultivation experts in Japan assess this data and provide advice and recommendations, promoting overall productivity enhancements.

India

Greenhouse Management Office



Greenhouse

EC/pH meter



Data logger



Greenhouse internal environment
(Temperature, humidity, solar insolation, EC/pH levels of soil and water).

Cultivation advice

Japan

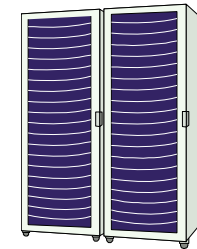
Cloud server



Cultivation experts



Data monitoring and advice



NEC Solution Innovators



Master data management
System maintenance

Effect and results for India:
Productivity improvement, acquisition of Japanese cultivation technology.

Effect and results for Japan:
Accumulation of overseas cultivation expertise.

Export Value-Added Japanese Food

Export high quality Japanese food frozen by special freezers that maintain freshness. Establish food safety and security using ICT.

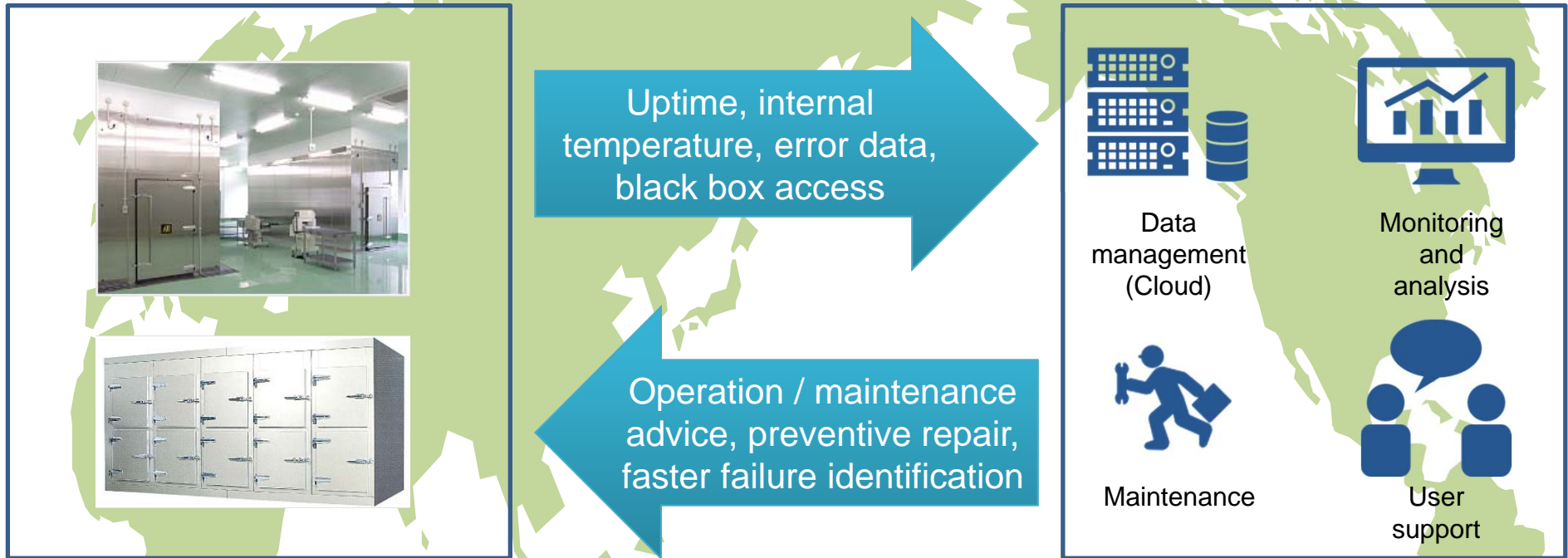


User Benefit: stable supply of high quality, high value-added food

Provider Benefit: increased exports of high margin products

Remote Monitoring of Freezers

Operational data of freezer equipment is monitored for preventive maintenance and black box access detection. This enables improved customer service and protection of advanced technical information.



User Benefit: reduce freezer downtime and maintenance cost

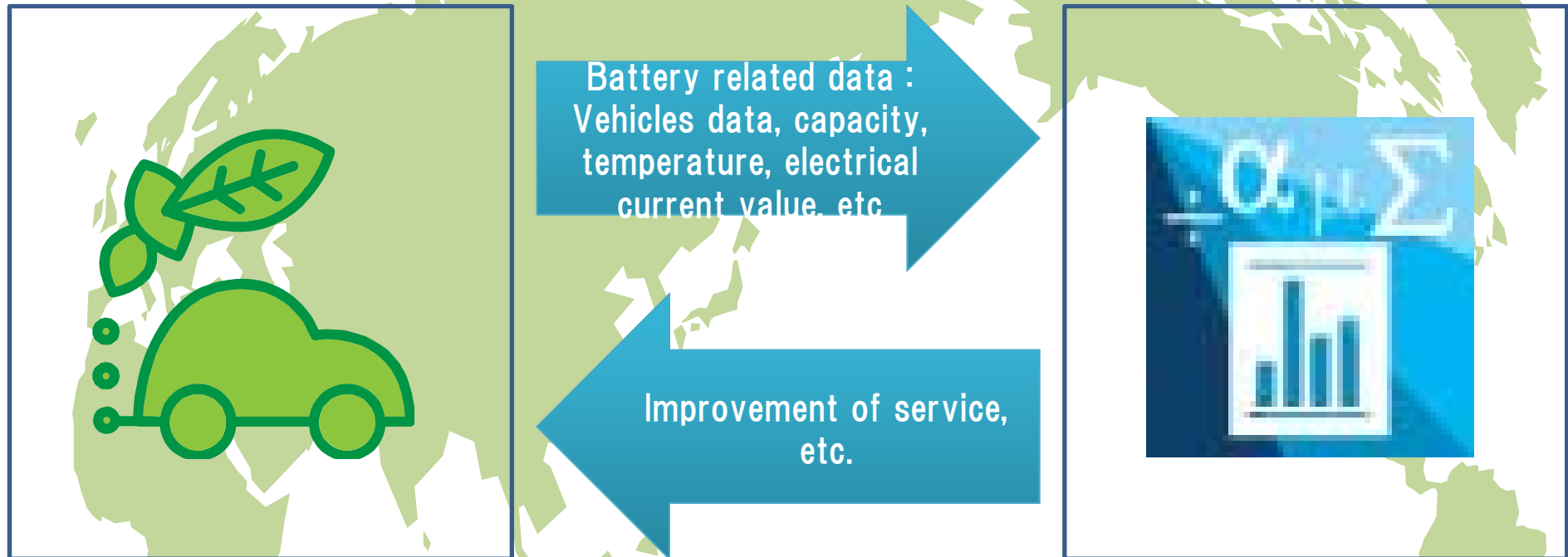
Provider Benefit: establish new income source, protect advanced technology

Analytics on Electronic Vehicle battery related information

<Outline>:

Collect evaluation and functional data of EV batteries in Japan and US

Analyze the above data to develop high performance battery and improve services



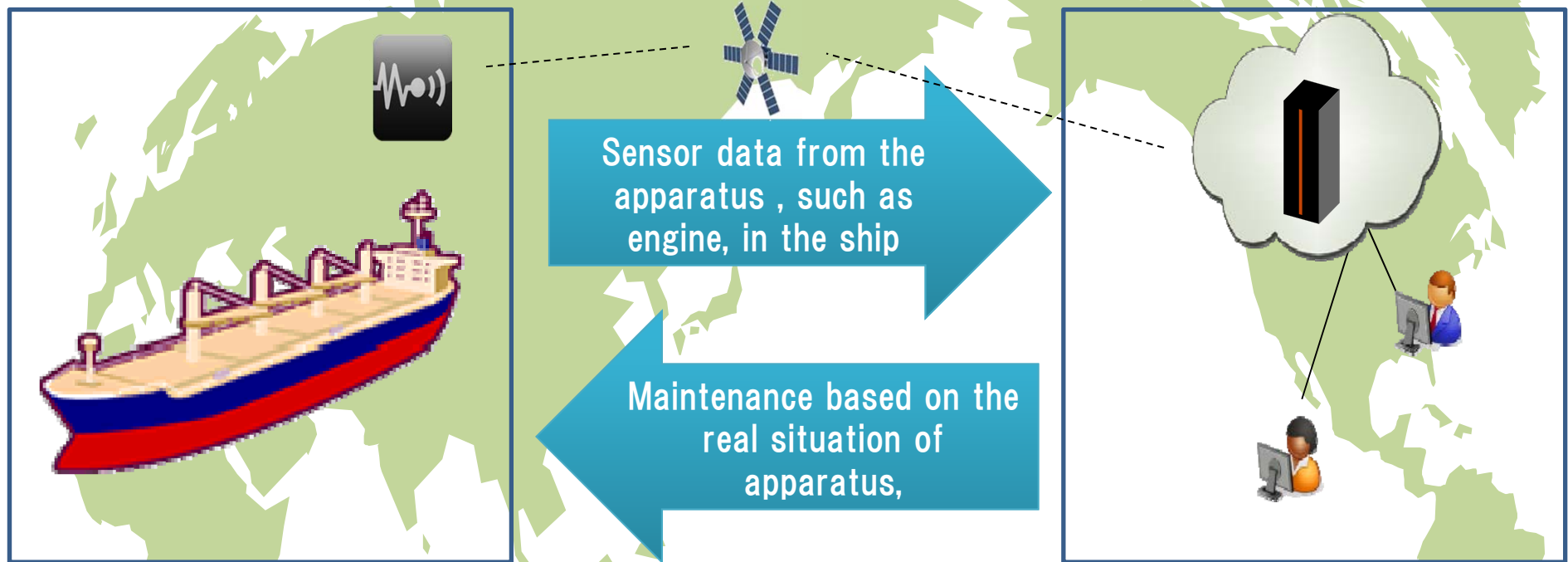
Effects on field side : Improvement of service quality and development of more effective battery in the future

Effects on service side : Obtaining accumulated info. To contribute future product and technology development

Efficient maintenance of large ship

<Outline>

Collect the sensor data from the apparatus in the ship of a large ship navigating the world to realize preventive and efficient maintenance

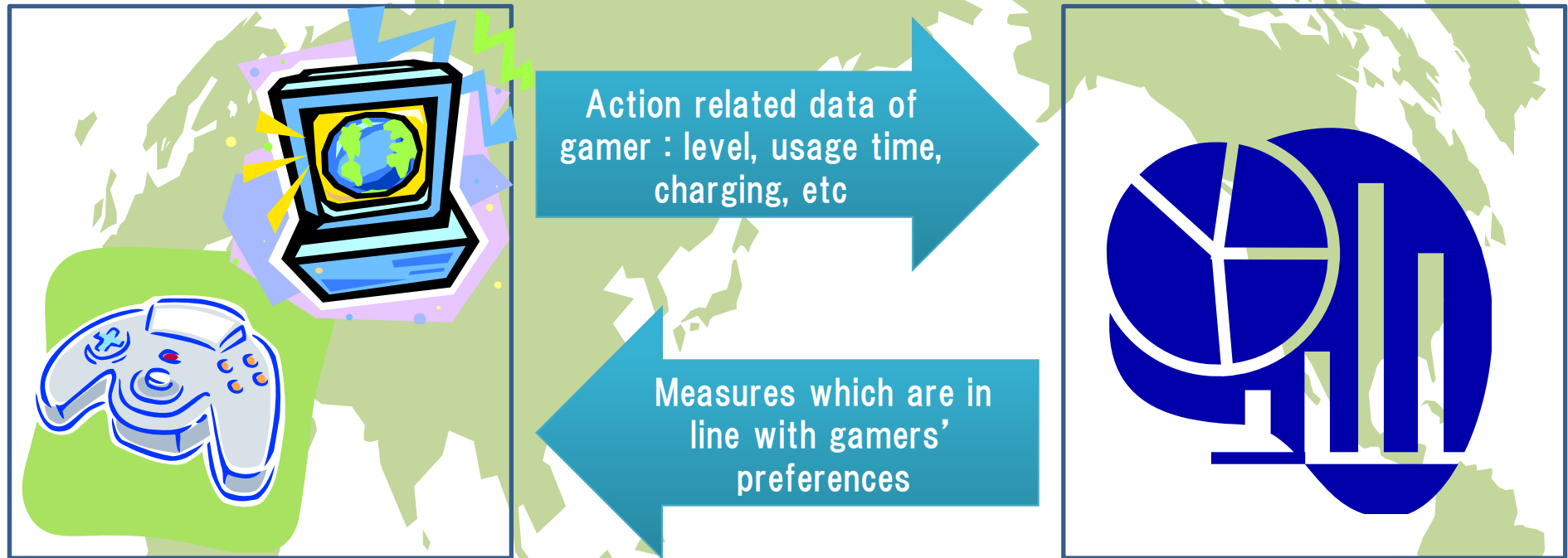


Effects on field side : Secure safe service of the ship and lower costs of maintenance

Effects on service side : Offer of the ship's class service of the highest quality

Action analysis of gamers

<Outline> Collect data and analyze actions of social gamers to respond in line with each Gamers' preferences in short period



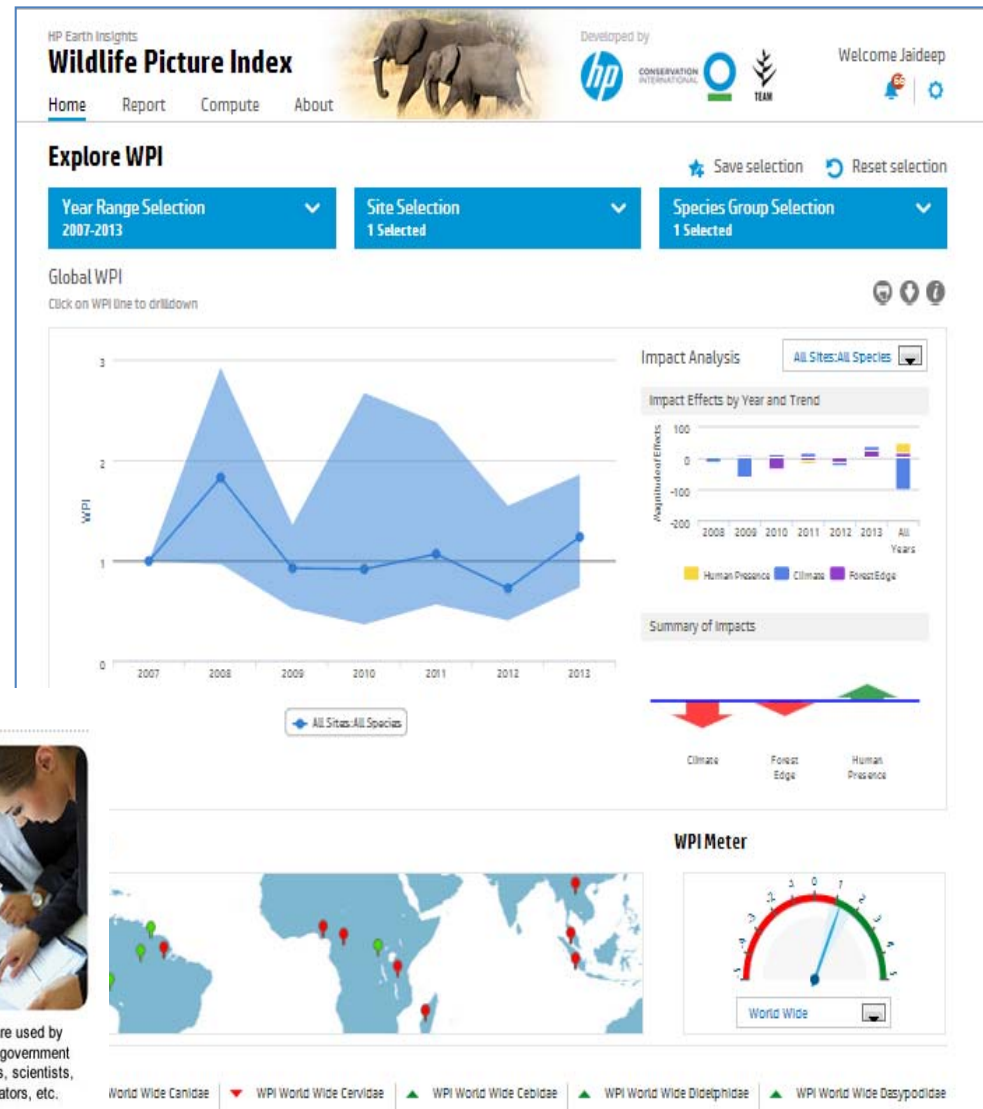
Effects on field service: Provide one to one measure/ game in line with his/her preference in timely manner

Effects on service: Improve productivity of analysis. Contribute to sales increase

HP Earth Insights - Wildlife Picture Index System

A system of engagement serving as an early warning system for conservation efforts

The conservation efforts of an animal are possible by collecting data in real time across the border, and analyzing big data.



How TEAM Works



Cross Border Data Flows: Financial Services

As but a few examples, CBD Flows Critical for:



Regulatory Compliance: Regulators expecting strong *global* routines around monitoring of fraud and high-risk transactions. Requires cross-border data sharing.

- JPM Chase/Madoff sanctions: at its core, penalty for failure to assess, communicate, and manage high risk customers consistently across businesses and jurisdictions
- AML compliance. Account monitoring must be shared with other jurisdictions or risk inability to connect the dots, creating blind spots to potentially suspicious activity.



Sound Lending Practices: Credit Risk Management/Prudential Lending. Sharing of credit bureau and account performance data needed for assessing credit risk, managing account credit lines, and complying with prudential norms.



An Integrated Regional Financial Services Market: Credit and Insurance Portability. Cross border data sharing needed to facilitate financial services for globally mobile labor force.