Data Integration Platform for Secure IoT

HULFT IoT

HULFT IoT

Cloud Services

Data Storage and Analysis
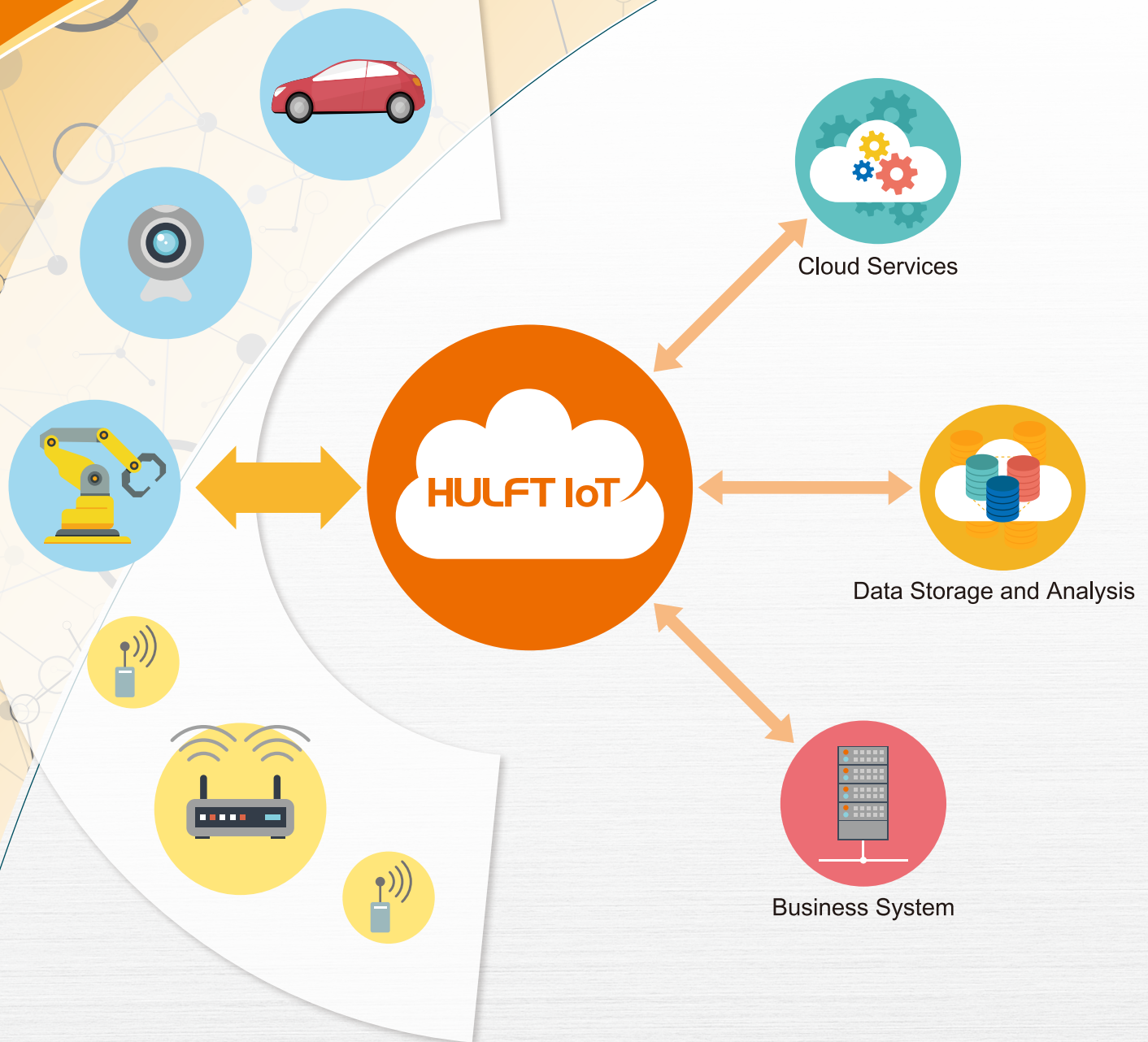
Business System

IoT System for Safe and Secure Operation in Mission Critical Use Cases

IoT is bringing dramatic changes to business.

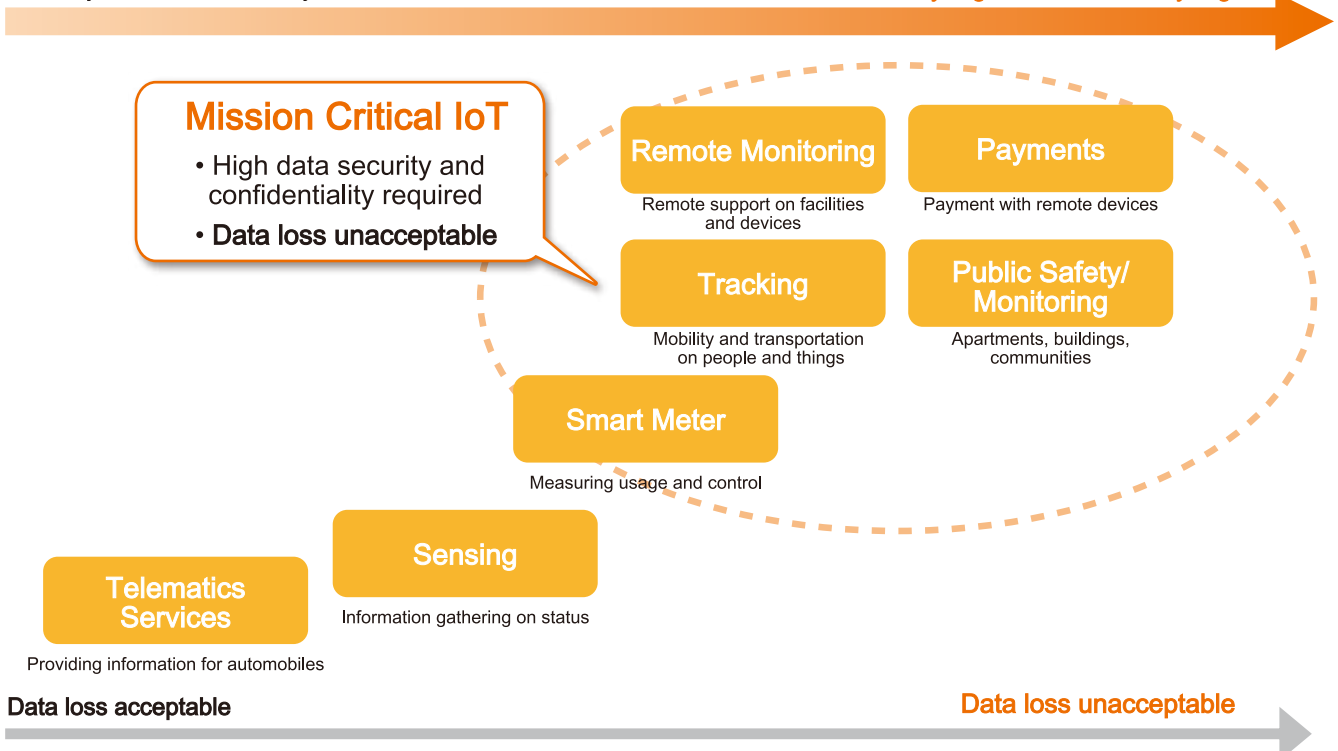| Manufacturing	Retail	Energy	Transportation & Logistics	Public	Health Care
Predictive maintenance, quality inspections, remote operation	Smart payments, consumer behavior analysis	Demand forecasts, smart grids	Supply chains, traceability, fuel cost management	Public safety, safety measures	Patient monitoring, remote medical care

Data loss is unacceptable in many IoT use cases.

• Severity Low   • Confidentiality Low   • Severity High   • Confidentiality High

Mission Critical IoT

- High data security and confidentiality required
- Data loss unacceptable

Remote Monitoring
Remote support on facilities and devices

Payments
Payment with remote devices

Tracking
Mobility and transportation on people and things

Public Safety/Monitoring
Apartments, buildings, communities

Smart Meter
Measuring usage and control

Sensing
Information gathering on status

Telematics Services
Providing information for automobiles

Data loss acceptable   **Data loss unacceptable**

Increasing Need for Reliable, Easy, and Low-Cost Data Integration

Typical IoT Data Transfer Issues

1

Issue 1

Data Loss

Reliable data transfer is mandatory in payments, public safety, etc.

2

Issue 2

Management Workload

Large workload to manage numerous devices such as smart meters and beacons.

3

Issue 3

Network Cost

Large network traffic and cost to transfer large files such as hi-res images and video.

1 Solution 1 Reliability

HULFT IoT guarantees file transfer between devices and servers with encryption.

2 Solution 2 Automation

HULFT automatically detects network failures, freeing IT staff from management.

HULFT IoT Agent

3 Solution 3 Cost Reduction

Compressed file transfer slashes network costs and traffic.

Device Sensor

Mobile Sensor

HULFT IoT Agent

Manufacturing Devices   Cameras   Telematics   IoT Gateway

VPN • 3G/LTE

HULFT

Deployment Configuration File Delivery

HULFT IoT Manager

- Management GUI
- Agent Monitoring
- Interface with Other Servers
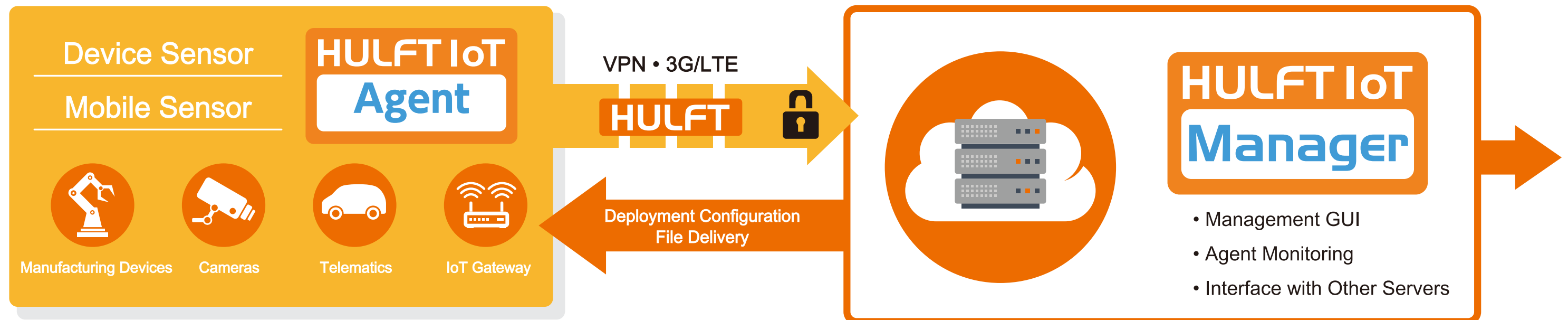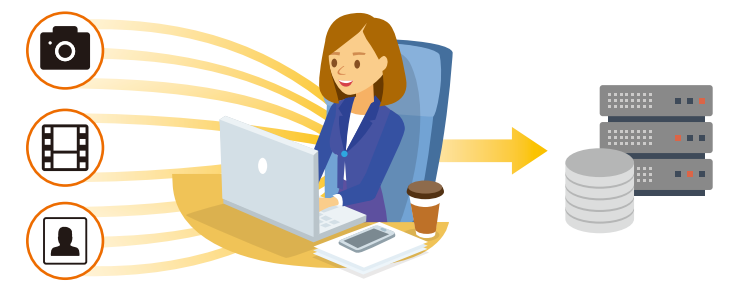
≫ **Benefits of Using HULFT IoT**

	Pre-Transfer Job	Data Transfer	Encryption/Decryption	Zip/Unzip	Integrity Check	Post-Transfer Job
HULFT IoT	Offers all of the functions required for IoT data integration!					
MQTT/HTTPS						

■ Operating environments

HULFT IoT Manager	Supported OSs	・ Windows ・ Linux
	Supported browsers	・ Google Chrome ・ Firefox
HULFT IoT Agent for Windows	Supported OS	・ Windows
HULFT IoT Agent for Linux	Supported devices	Gateways/industrial devices

For details about operating environments, refer to http://www.hulft.com/en for the latest information.

■ Price List

◆ Standard products

HULFT IoT for Windows HULFT IoT for Linux HULFT IoT Additional License (100Agent)	Technical Support Type	
	Standard	24/7/365
Service price	USD 1,000/month	USD 2,000/month
Support	Business hours only	24/7/365

* Connection with up to 100 agents is included. Subscription can be purchased on a one-month basis.

◆ PoC exclusive products

HULFT IoT for Windows PoC HULFT IoT for Linux PoC	Technical Support Type
	Standard
Service price	USD 1,800/6 months
Support	Business hours only

* Connection is limited to 10 agents. Subscription can be purchased on a six-month basis.

■ HULFT sales achievements by the numbers

HULFT has achieved an overwhelming share of the file transfer middleware market used by many leading enterprises as the de facto standard.

2016 Worldwide Revenue of Managed File Transfer Suite

2nd Largest
Global Market Share

Source: *Gartner "Market Share: All Software Markets, Worldwide, 2016" April 14, 2017 (SAISON = HULFT)

Domestic Japanese Market Share

No. **1** for 13 years in a row
79% Market Share

Source: Fuji Chimera Research Institute, Inc.: "New Market of Software Business 2016; Software Market Edition"

Sales Achievements

**8,700** companies
189,600 licenses

As of the end of March 2017

Implementation Rate by Industry

100%
- Japanese Bankers Assoc. Member Banks[1]
- Japanese Auto. Manufacturers Assoc. Member Companies[2]

[1] Based on the member banks (regular member banks) listed on the Japanese Bankers Association homepage
[2] Based on the member companies listed on the Japan Automobile Manufacturers Association, Inc. homepage

■ Data collection, conversion, and analysis - without coding

You can collect and convert the data collected by IoT devices, and link to other applications with a wide variety of connection adapters, without any coding.
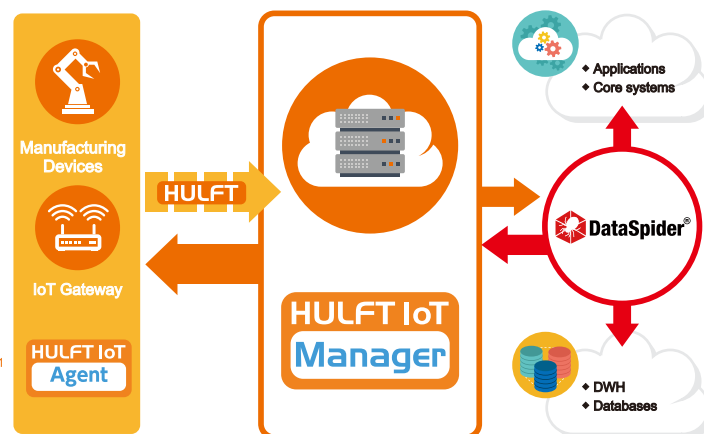
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