

Use Case for Data Integration Proposal Supporting Customer's Globalization - Manufacturing -

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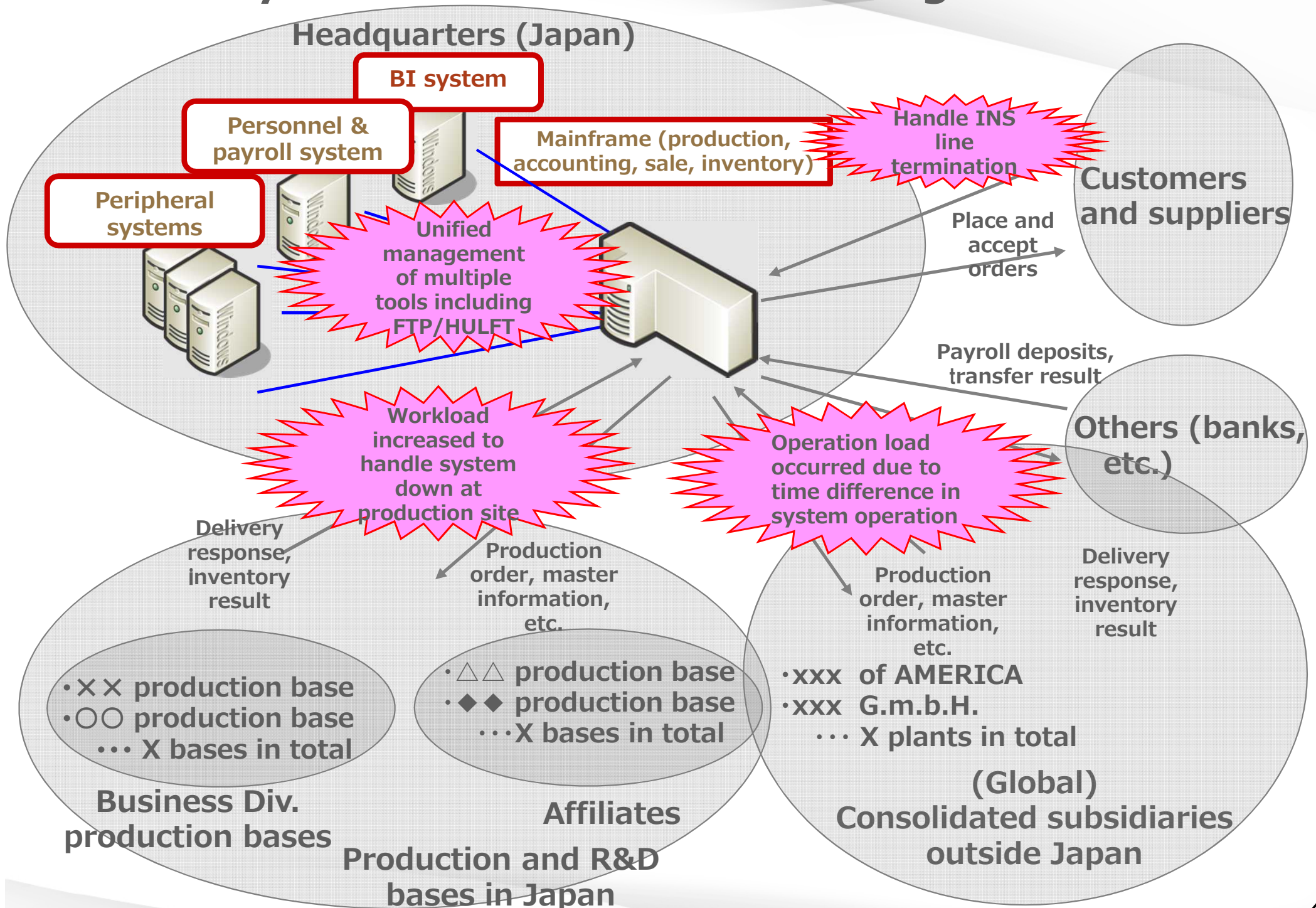
Agenda

- 1 . Introduction of Customer
- 2 . Current System Overview and Expected Challenges for Future
- 3 . Ideal Data Integration Platform Supporting ~Customer's Globalization~
- 4 . New Data Integration Platform Image
- 5 . Summary


Introduction of Customer

1. Established : 1910's
2. Headquarters : Osaka city, Osaka pref., Japan
3. Employees : Approx. 20,000 (consolidated base)
4. Sales : Approx. 1 trillion yen (as of March 2016)
Japan - 40%
U.S., Europe, Asia – 20% respectively
5. Business : Manufacture and sale of precision equipment
6. Locations: Production and R&D bases in Japan – more than 20 locations
: Production bases overseas (consolidated subsidiaries) – Approx. 40 locations
7. Information systems:
Production, sale, accounting, inventory –
In-house development (M/F)
* Started shift to ERP package in 2016
Personnel, BI, etc. – Utilize package

Current System Overview and Challenges for Future

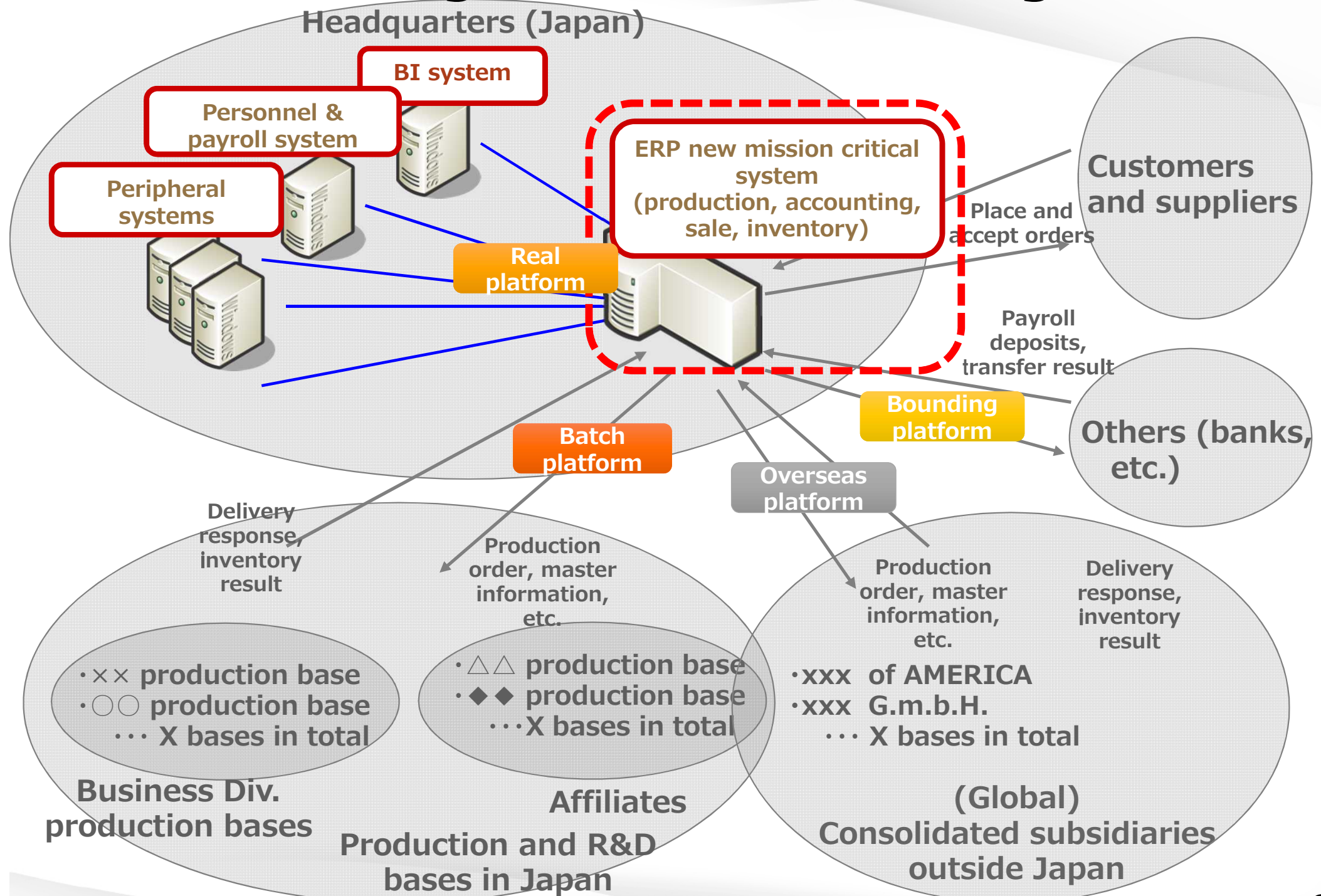


Ideal Data Integration Platform To Support Customer's Globalization



- 1) Data integration platform with high operation efficiency which can flexibly support business globalization**
- 2) Data integration platform with security control by using efficient control method and logging sending and receiving data**
- 3) Data integration platform realizing efficient application development and significant cost savings effect**

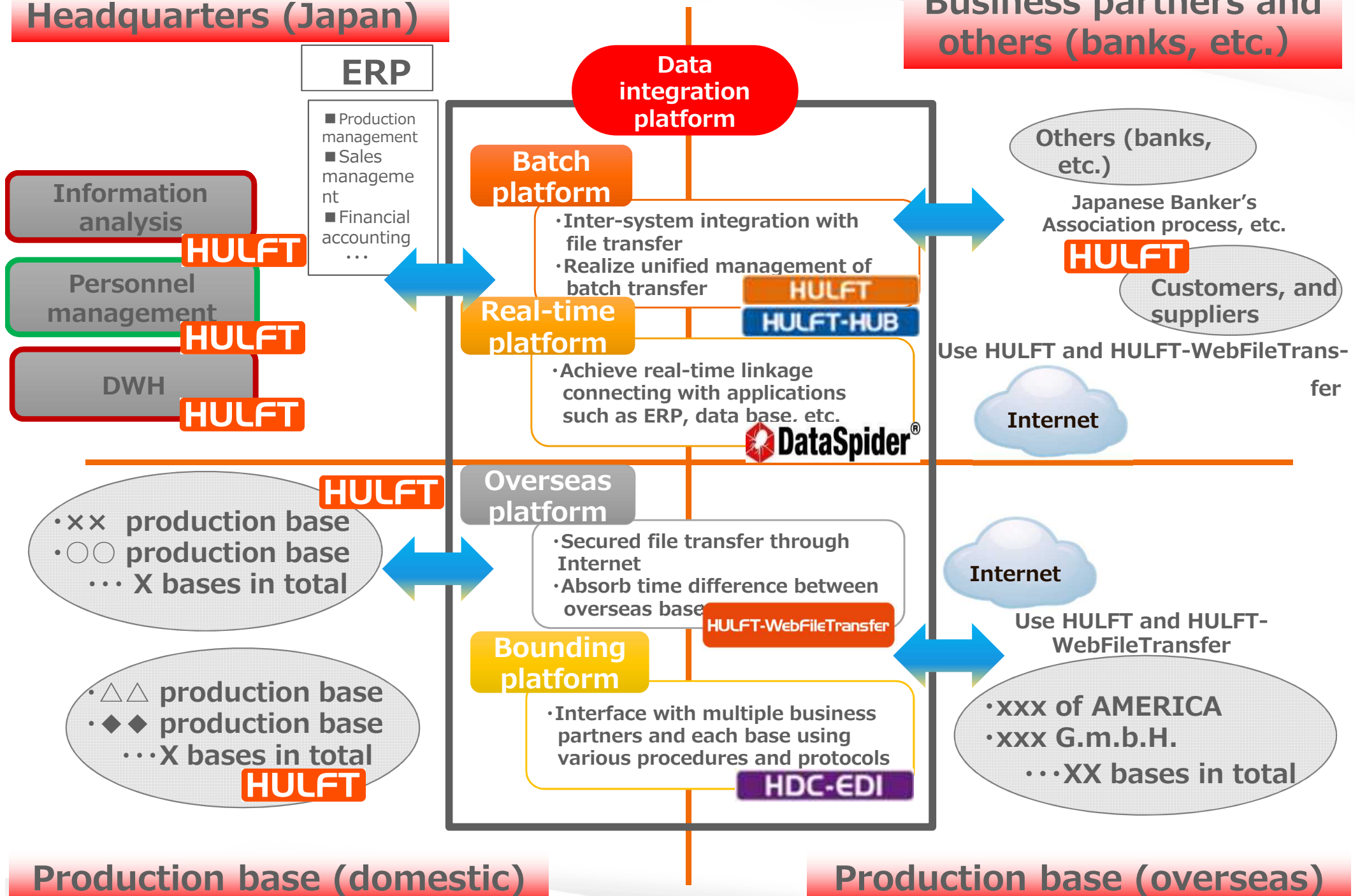
New Data Integration Platform Image



New Data Integration Platform Image

Headquarters (Japan)

Business partners and others (banks, etc.)



Summary

- The use case which I introduced you today is from the viewpoint of the headquarters in Japan.
- However, the data itself is scattered in each location.
For example,
 - ◆ Operation system
 - ✓ In the server to access → DB, files (csv, Excel, images, video, etc.)
 - ✓ In the user's PC → Files (csv, Excel, (csv, Excel, images, video, etc.)
 - ◆ Production facility
 - ✓ In PCL, facility equipment, edge computing → DB, files, etc.
- If data itself cannot be utilized immediately, it has no value even if the headquarters in Japan arranged the system integration
For example, it takes a month for creating financial data and a week for sending it in some cases.

HULFT Pte. and Saison Information Systems can reduce the customer's workload in ASEAN region with close cooperation with ASEAN partners!

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