

~DREAM~

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:

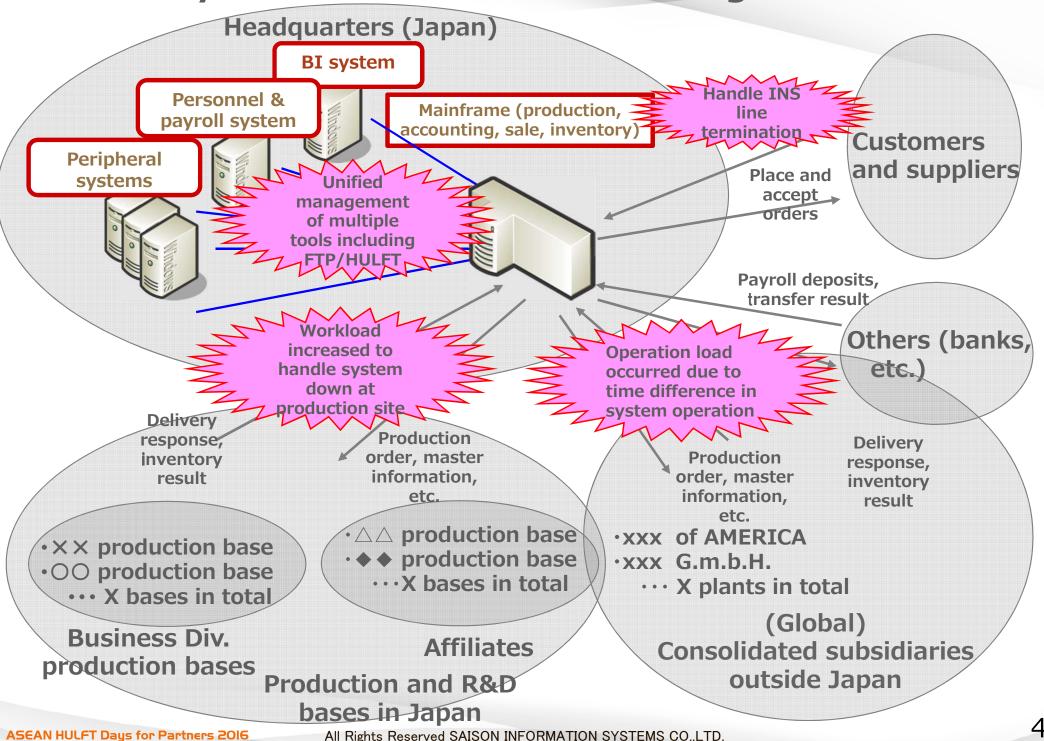
Production, sale, accounting, inventory –

In-house development (M/F)

* Started shift to ERP package in 2016

Personnel, BI, etc. – Utilize package

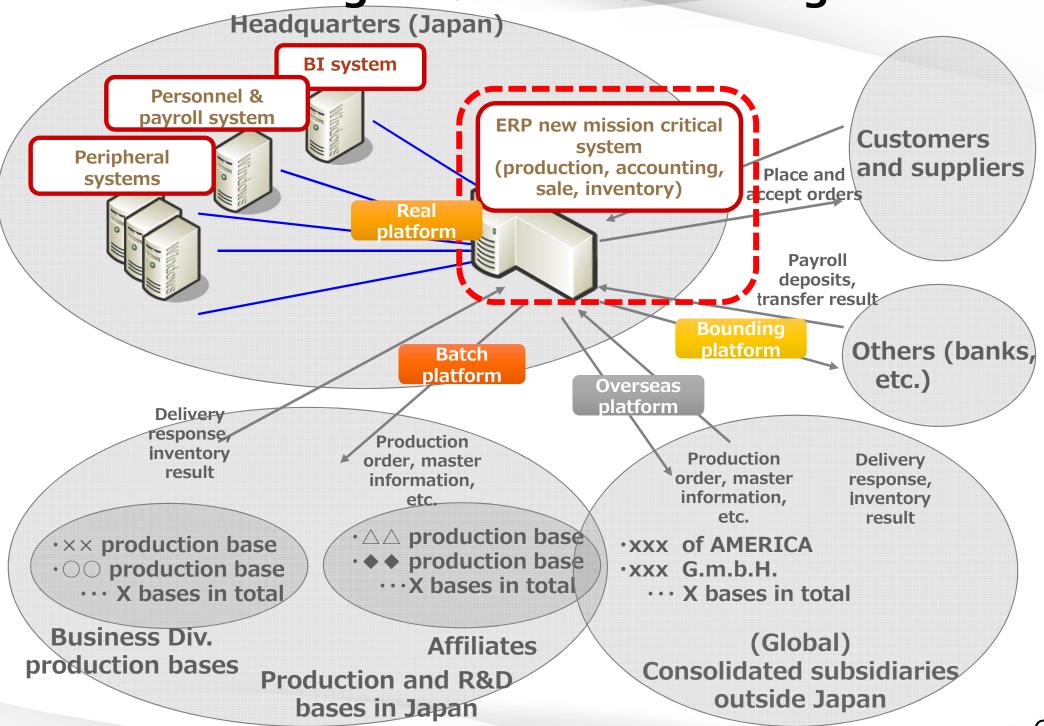
Current System Overview and Challenges for Future



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 Business partners and Headquarters (Japan) others (banks, etc.) **Data ERP** integratio<u>n</u> platform ■ Production Others (banks, management ■ Sales **Batch** etc.) manageme **Information** platform Japanese Banker's ■ Financial ·Inter-system integration with analysis Association process, etc. accounting HULFT file transfer ·Realize unified management of Personnel Customers, and batch transfer HULFT Real-time management suppliers HULFT-HUB HULFT platform Use HULFT and HULFT-WebFileTrans-·Achieve real-time linkage DWH fer connecting with applications HULFT such as ERP, data base, etc. **Internet** DataSpider[®] **Overseas** HULFT platform **•**×× production base ·Secured file transfer through **.**○○ production base Internet **Internet** · · · X bases in total ·Absorb time difference between overseas base **Use HULFT and HULFT-**HULFT-WebFileTransfer WebFileTransfer Bounding platform $\triangle \triangle$ production base ·xxx of AMERICA Interface with multiple business • ◆ ◆ production base partners and each base using ·xxx G.m.b.H. ···X bases in total various procedures and protocols ···XX bases in total HULFT HDC-€DI **Production base (domestic) Production base (overseas) ASEAN HULFT Days for Partners 2016** All Rights Reserved SAISON INFORMATION SYSTEMS CO.,LTD.

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!

Connecting Value, **Expanding Horizons**

THANK

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