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WebOTX v8.4 Key Features Enhancement

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NEC Corporation,
Cloud Platform Division,
WebOTX Group

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and enable people to live brighter lives.

Service integration/execution function are enhanced for cloud environment.

- Realizes public cloud integration function in ESB product
- Easier implementation of application server on cloud environment.

WebOTX

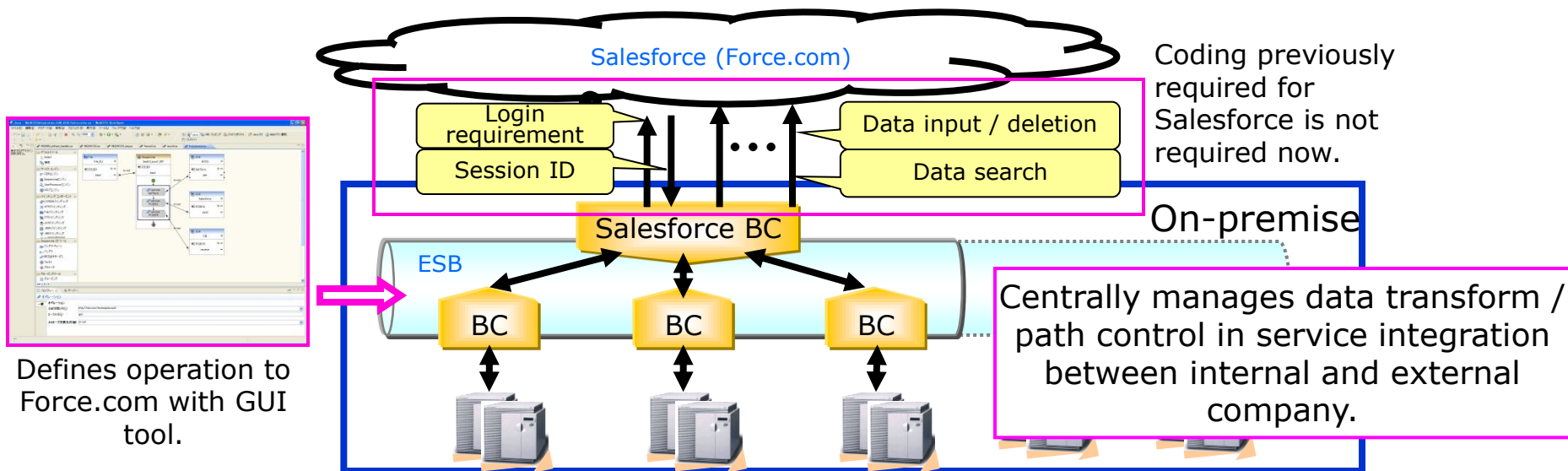|		
Service Component	**RFID** **WebOTX RFID Manager**	Supports rapid development of various service
Service Integration	**Service Bus** **Enhanced** **WebOTX Enterprise Service Bus**	Supports construction of robust and adaptable system based on SOA
Application Server	**Web Application Server** **Enhanced** **WebOTX Application Server**	Execution platform enabling stable system operation

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WebOTX provides Salesforce integration function ahead of the other vendors.

- Setting with GUI enables search/input operation to Salesforce without coding.
- Encrypted communication and connection management required for Salesforce integration are hidden in platform.

Salesforce (Force.com)

Coding previously required for Salesforce is not required now.

Login requirement	・・・	Data input / deletion
Session ID		Data search

Salesforce BC

On-premise

ESB

BC   BC   BC

Centrally manages data transform / path control in service integration between internal and external company.

Defines operation to Force.com with GUI tool.

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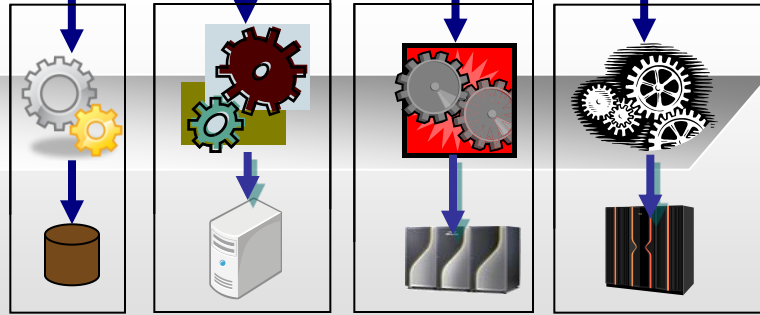# WebOTX ESB advantage in integration among on-premise and Salesforce

▌ Enables rapid support in system change such as adding system in integration.

▌ Minimum setting change in Salesforce. With routing or format transform function in ESB, new setting including destination addition is not required. On-premise side can support with much lower cost compared to unique modification of integration program.

Without ESB

Cloud

Salesforce

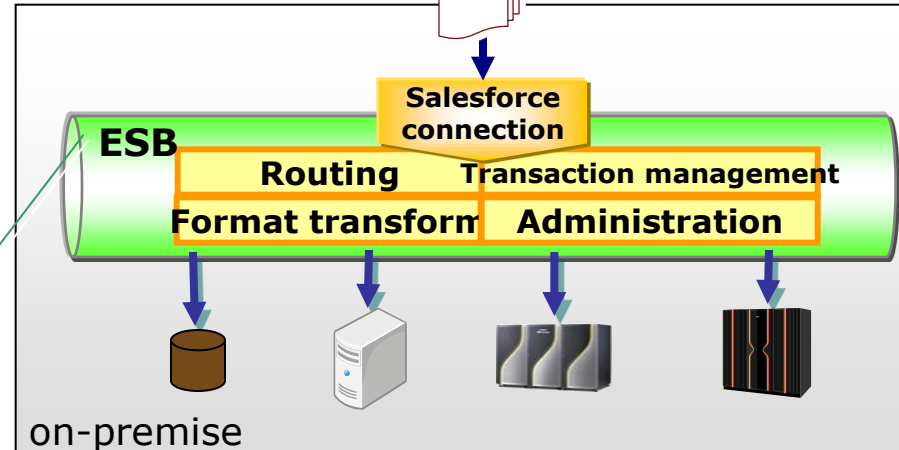| Outbound message | Outbound message | Outbound message | Outbound message |

on-premise

I need to individually develop application for protocol transform of received message to in-company system or for data format transform, per every in-company system connecting to Salesforce…

With ESB

Cloud

Salesforce

Outbound message

Salesforce connection

ESB

Routing   **Transaction management**

Format transform   **Administration**

on-premise

- Easy setting enables Salesforce connection, message communication.
- Since platform function such as format transform or routing are provided by ESB, easy integration is realized without coding.
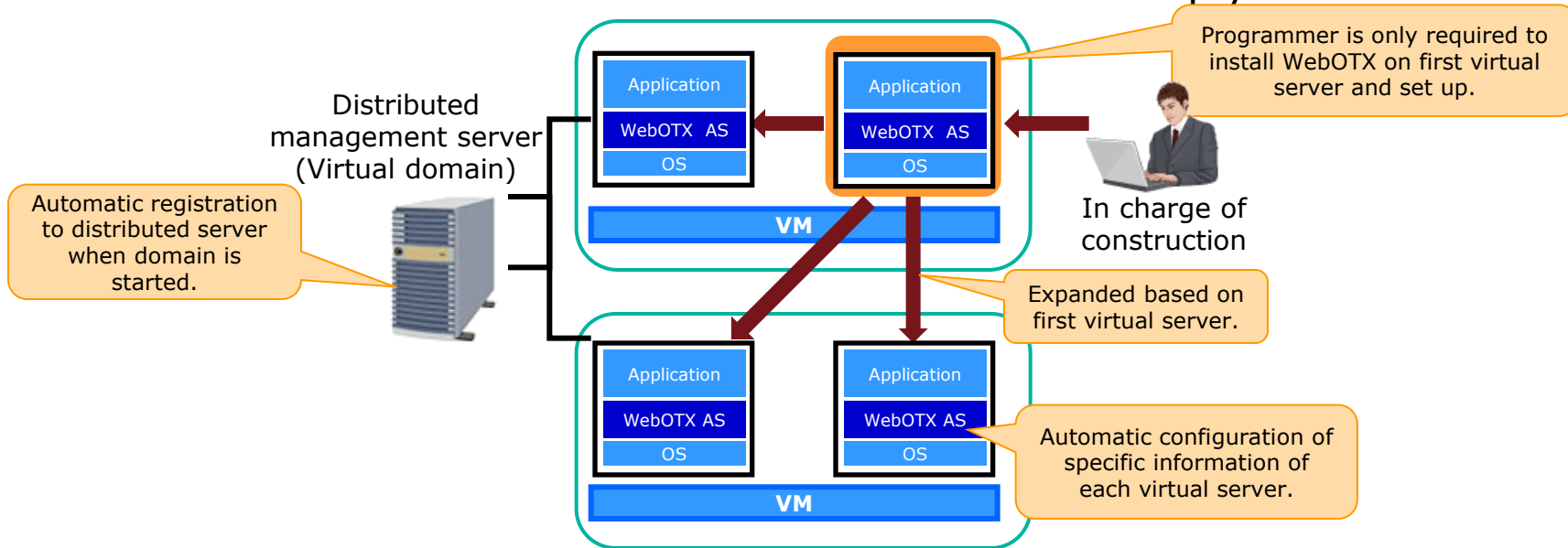
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Enhanced

■ Sharp reduction of cloud operation cost with automatic scale out function of virtual server.

- One time registration of server information enables automatic registration for server configuration change hereafter.
- Automatic scale out is realized, hence administrator's effort can be reduced.

■ Sharp reduction of infrastructure construction cost with import function.

- Installation to one virtual server enables same image expansion from the second server.
- Tasks and costs for infrastructure construction are sharply reduced.

Programmer is only required to install WebOTX on first virtual server and set up.

Distributed management server (Virtual domain)

Automatic registration to distributed server when domain is started.

Application
WebOTX AS
OS

Application
WebOTX AS
OS

VM

In charge of construction

Expanded based on first virtual server.

Application
WebOTX AS
OS

Application
WebOTX AS
OS

VM

Automatic configuration of specific information of each virtual server.

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Thank You

Application Service Platform for the age of cloud-computing

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