Use case:

Middleware migration

Typical scenarios

SAP to SAP middleware:

- Migration from SAP Process Orchestration to SAP Cloud Platform Integration
- SAP AIF implementation for existing interfaces
- Reimplementation of existing interfaces

SAP to non SAP middleware:

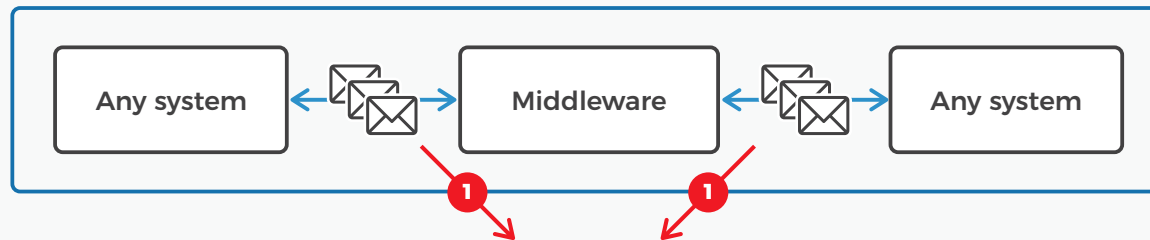- SAP Process Orchestration to any 3rd party middleware

Non SAP to SAP middleware:

- Legacy middleware (custom made) to SAP Process Orchestration
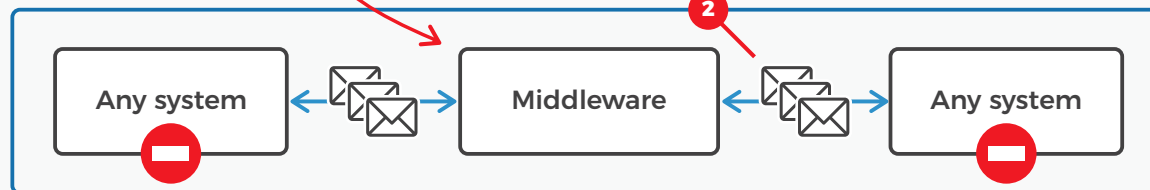- Legacy middleware (custom made) to SAP Cloud Platform Integration

INT4 IFTT

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Use case details | Option 1

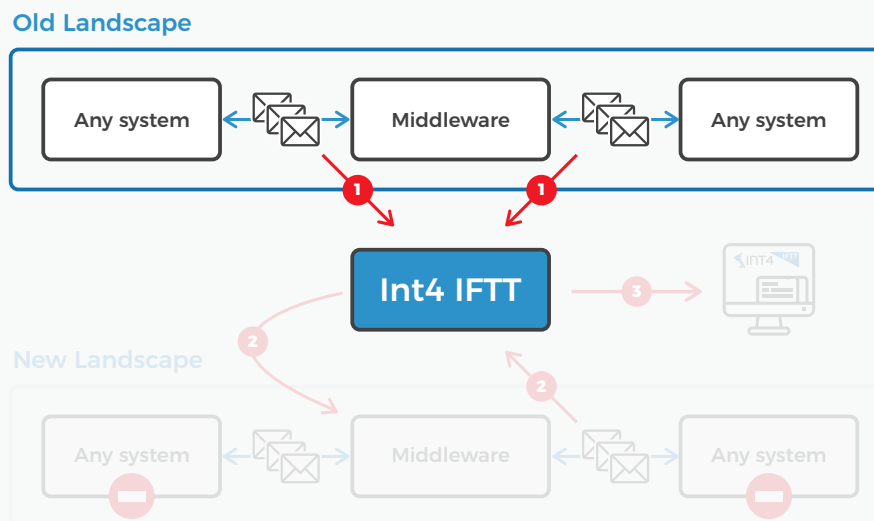# Results based on middleware messages outputs

Results based on middleware messages outputs

Step 1

Collecting test cases

based on current solution. Test cases can be quickly created based on archival inputs and outputs of production middleware messages. sponding business documents like sales orders, deliveries and invoices etc. In correspondence same outputs for existing documents (again sales order, deliveries and invoices) should produce same output EDI messages.

Old Landscape

| Any system | | Middleware | | Any system |

Int4 IFTT

New Landscape

| Any system | | Middleware | | Any system |

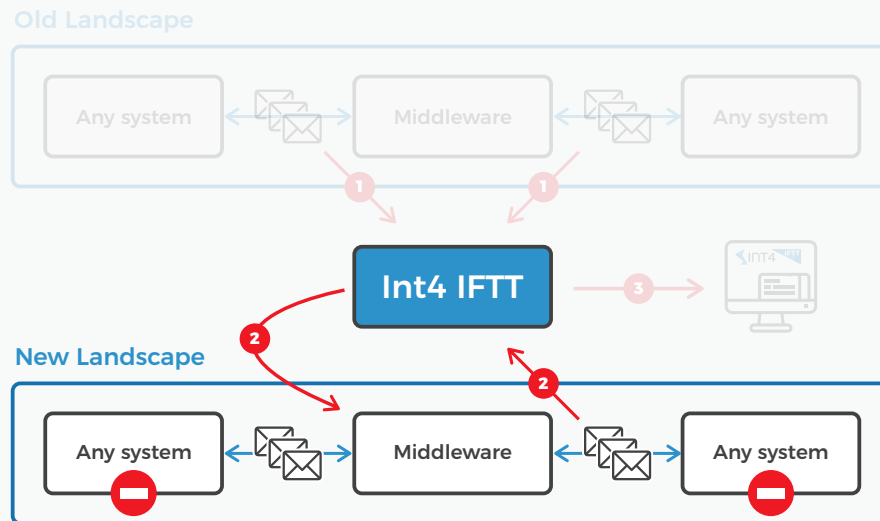# Results based on middleware messages outputs

Step 2

Migration

of interfaces and flows into a new platform.

Continous testing

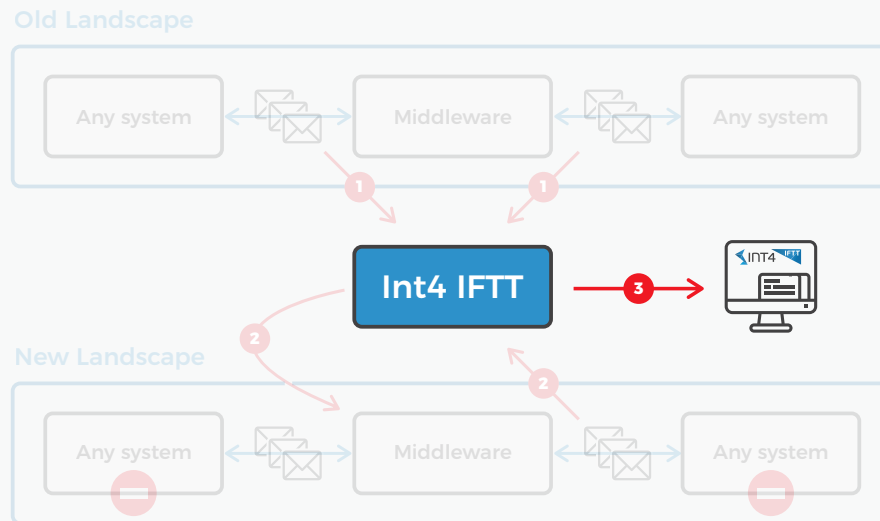by running test cases created in Step 1 on the new landscape.

Old Landscape

Any system ←→ Middleware ←→ Any system

Int4 IFTT

New Landscape

Any system ←→ Middleware ←→ Any system

Results based on middleware messages outputs

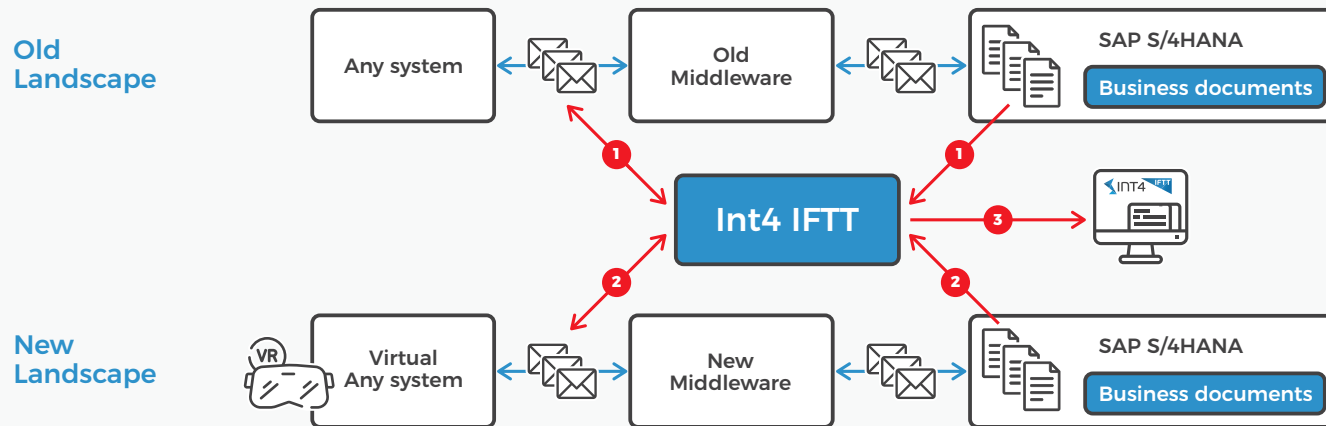## Step 3

Validation

1. **Int4 IFTT** will highlight differences after comparing baseline and new output messages (if any).

2. Highlight configuration differences like additional receivers, Incorrect receiver, Channel not working etc.

Use case details | Option 2

Results based on validation final documents created S/4HANA Backend

This option is dedicated to projects where backend interface implementaion is also changed like implementing SAP AIF.

Old Landscape

Any system → Old Middleware → SAP S/4HANA — Business documents

New Landscape

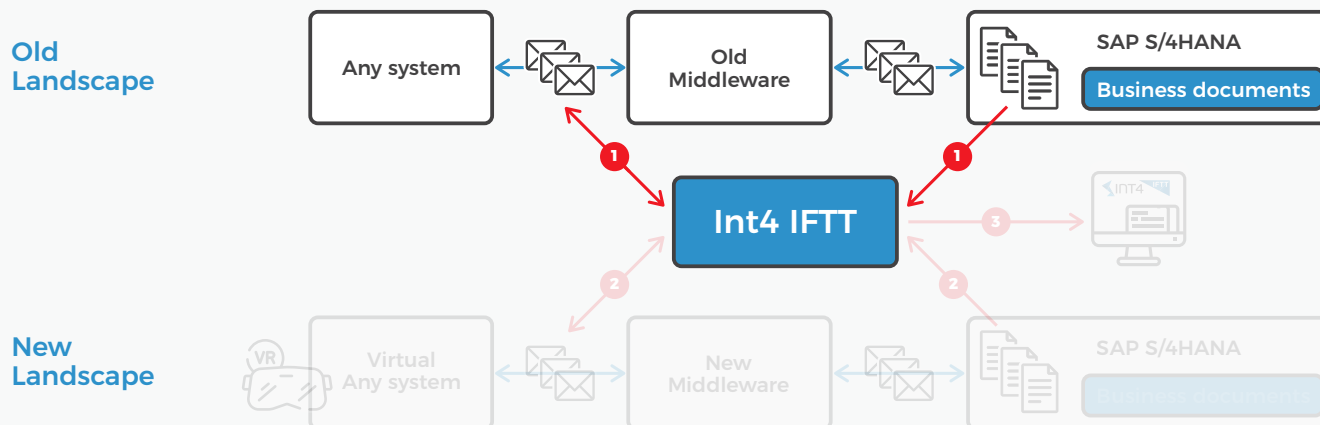Virtual Any system → New Middleware → SAP S/4HANA — Business documents

Int4 IFTT

Results based on validation final documents created S/4HANA Backend

This option is dedicated to projects where backend interface implementaion is also changed like implementing SAP AIF.

Step 1

Collecting test cases based on current solution. Test cases can be quickly created based on archival inputs and outputs of production middleware messages. sponding business documents like sales orders, deliveries and invoices etc. In correspondence same outputs for existing documents (again sales order, deliveries and invoices) should produce same output EDI messages.

Results based on validation final documents created S/4HANA Backend

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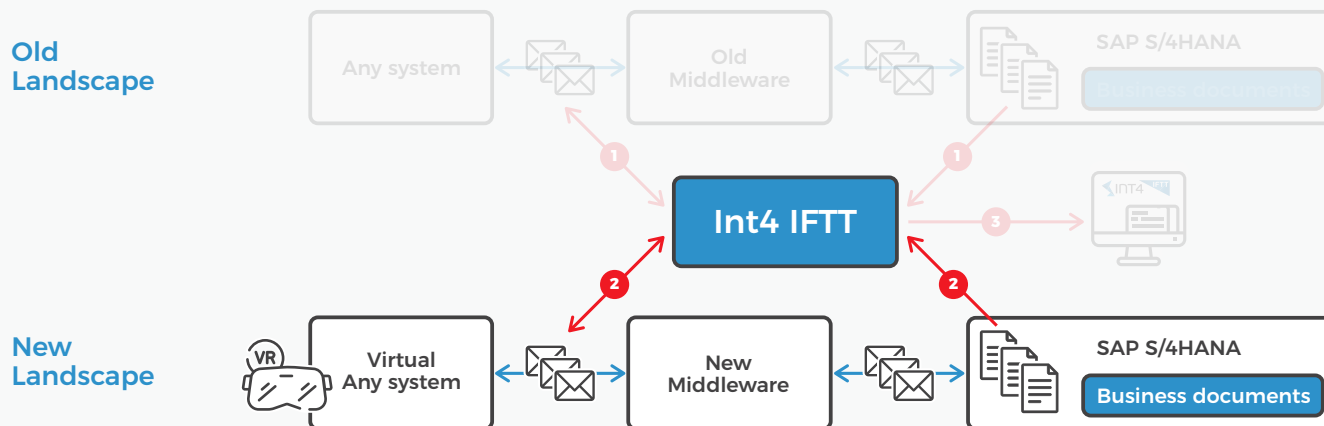

Old Landscape

Any system — Old Middleware — SAP S/4HANA — Business documents

Int4 IFTT

New Landscape

VR — Virtual Any system — New Middleware — SAP S/4HANA — Business documents
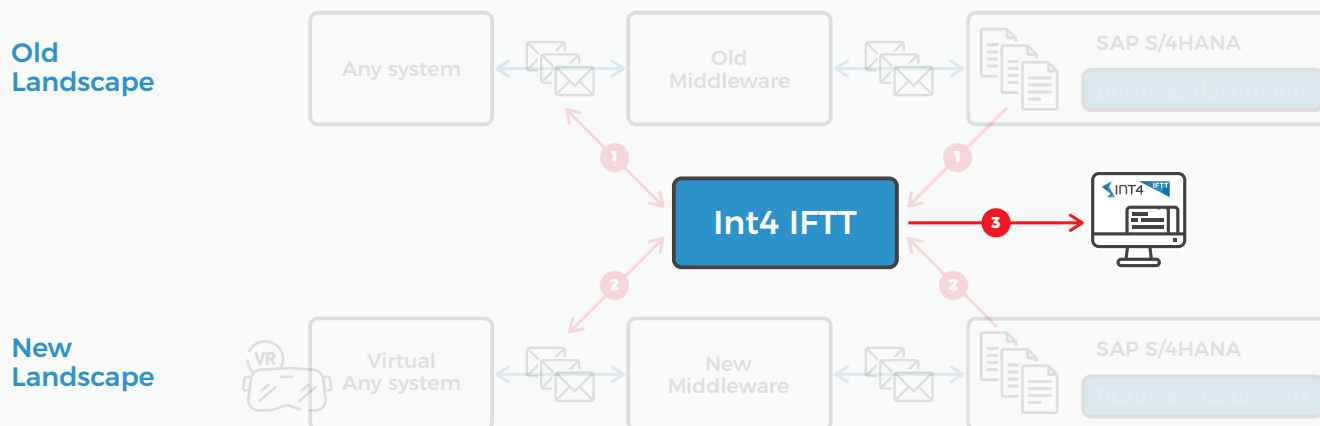
Step 2

Start building the new solution and migrate interfaces to the new landscape. Continuously run previously created test cases. Sender and Receiver systems are **virtualized** by **Int4 IFTT** and they don't need to be involved in testing the SAP solution.

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Results based on validation final documents created S/4HANA Backend

This option is dedicated to projects where backend interface implementaion
is also changed like implementing SAP AIF.

Old Landscape

Any system · Old Middleware · SAP S/4HANA Business documents

Int4 IFTT

New Landscape

Virtual Any system · New Middleware · SAP S/4HANA Business documents

Step 3

Int4 IFTT will **automatically compare** EDI/IDoc/Proxy messages and SAP business documents between reference documents in the old solution and current ones on the migrated landscape and prepare reports with potential differences. Continuous testing and corrections will eventually make the New Solution to meet.

Business Value to Customer

- **Significant cost reduction due to low involvement of external partners (customers, vendors) and business and non-SAP systems resources**

- **100% assurance of meeting all business requirements by automated testing for thousands of cases**

- **Enablement of Test Driven Development (TTD) approach**

For more information visit our website:
www.int4.com/iftt