



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

Use case details | Option 1

Use case details | Option 1

Results based on
middleware
messages outputs

Old Landscape



Int4 IFTT



New Landscape



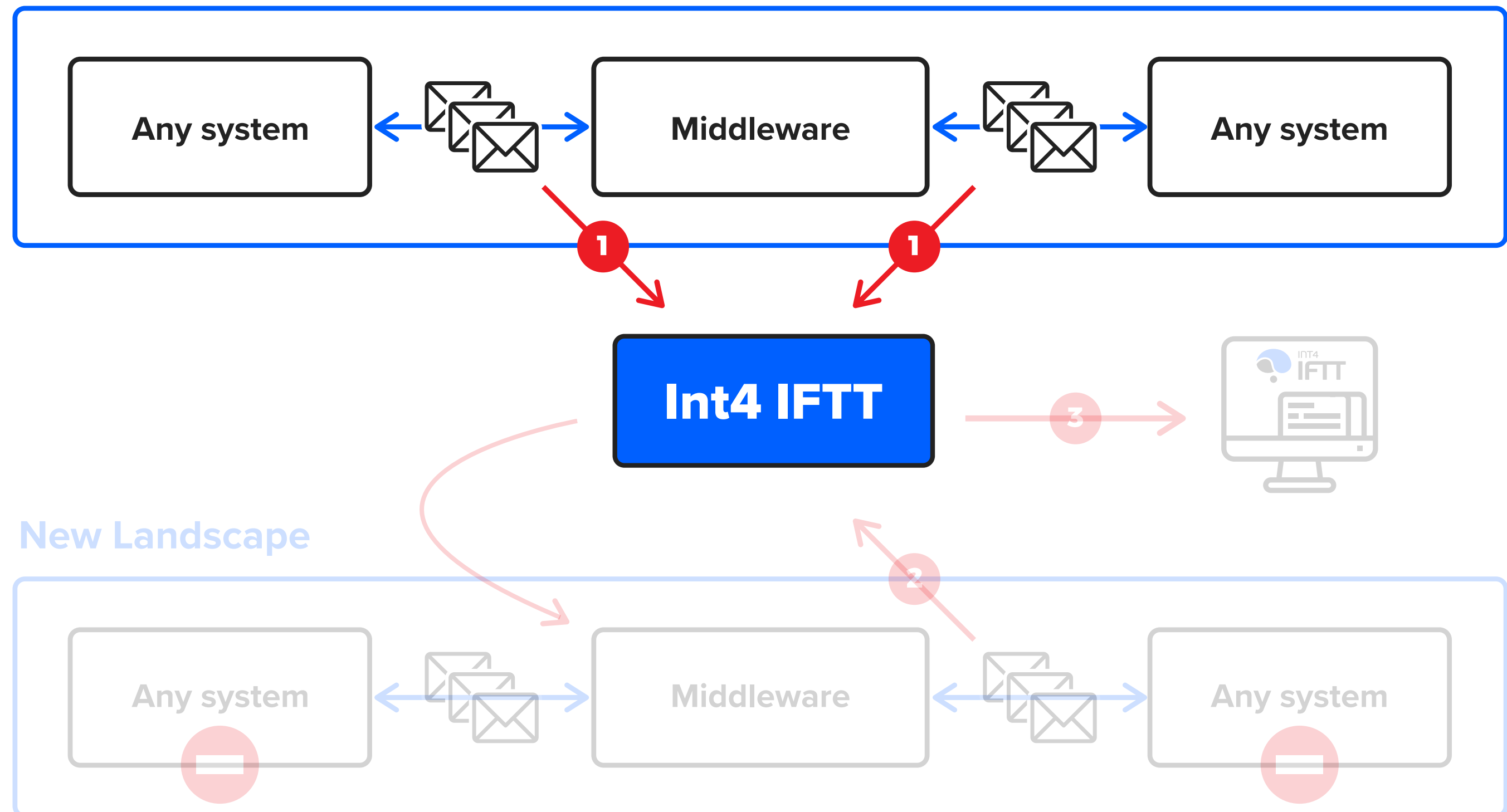
Use case details | Option 1

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. Depending on 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



Use case details | Option 1

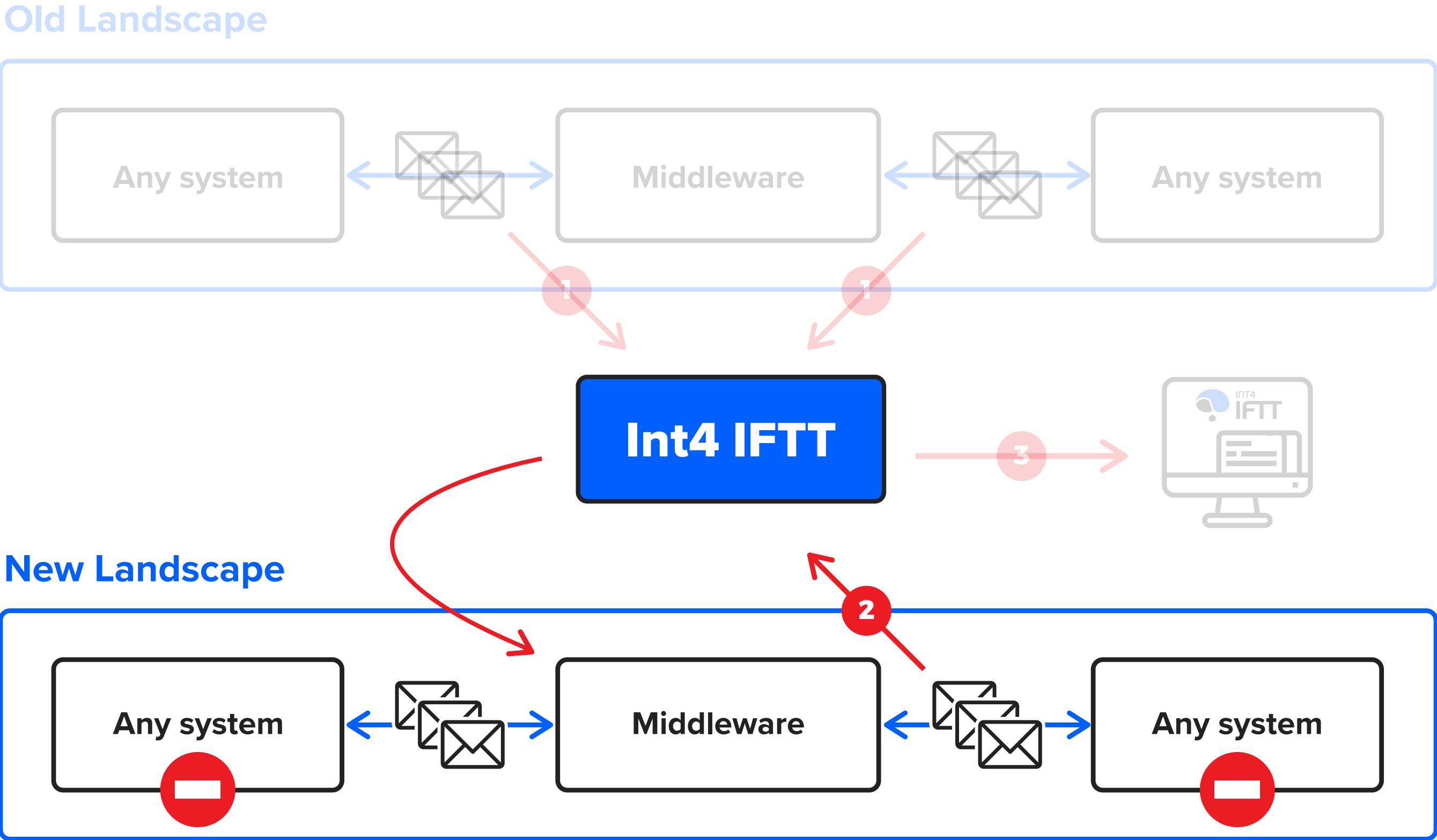
Step 2:

Migration

of interfaces and flows into a new platform.

Continuous testing

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



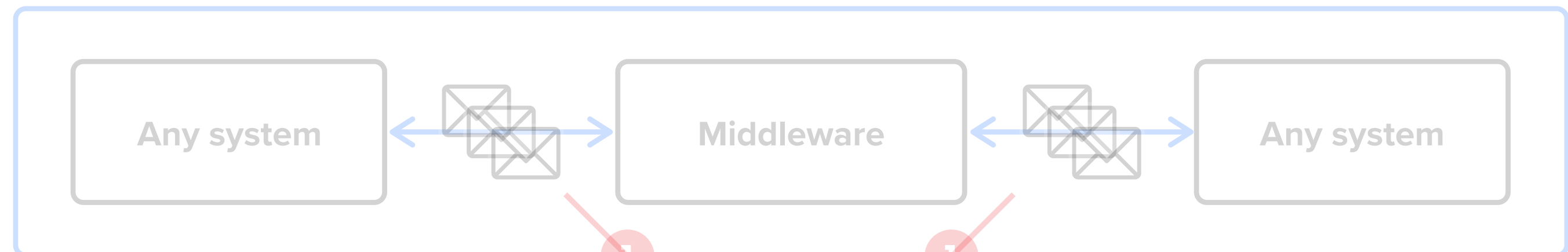
Use case details | Option 1

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

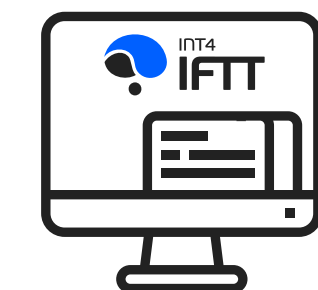
Old Landscape



New Landscape



Int4 IFTT



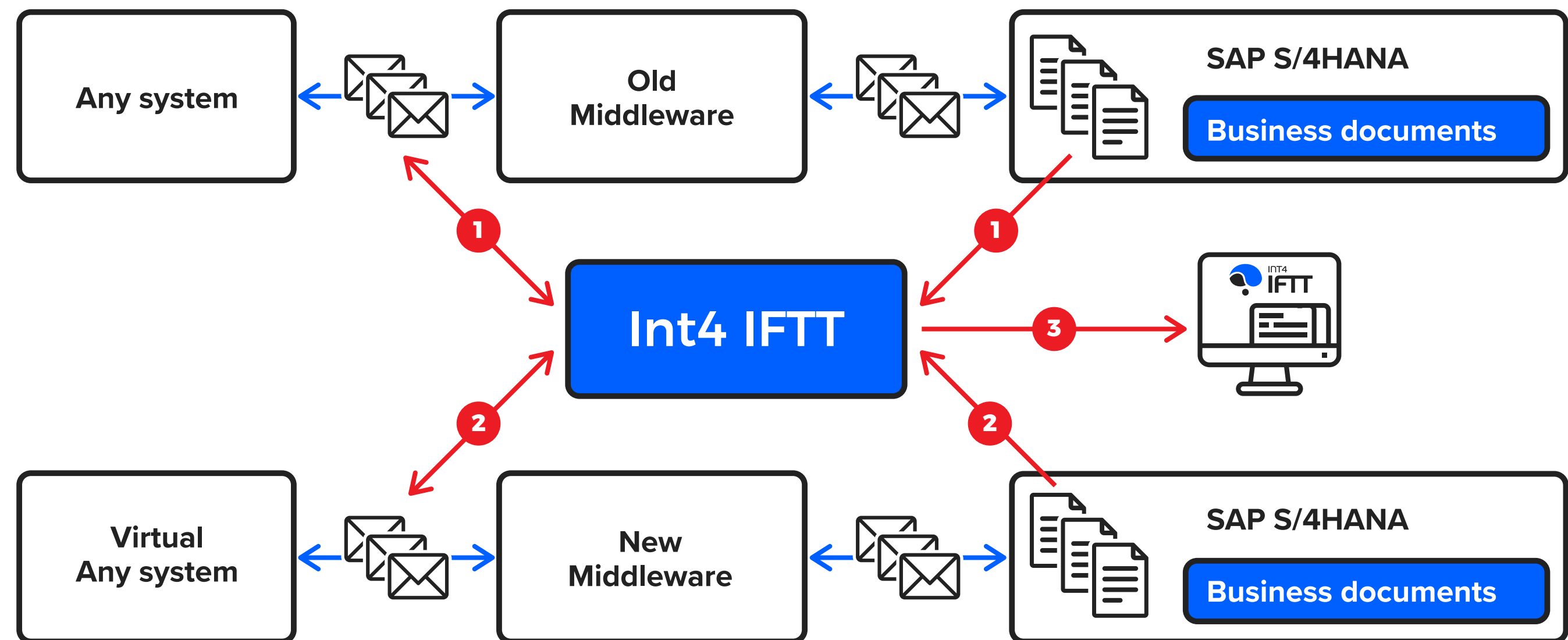
Use case details | Option 2

Use case details | Option 2

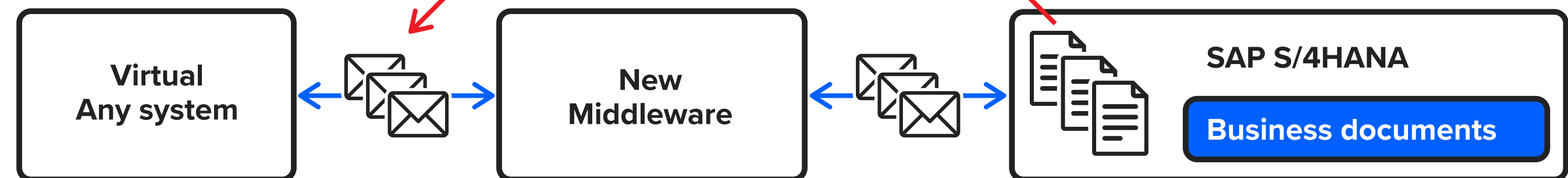
Results based on validation final documents created S/4HANA Backend

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

Old Landscape



New Landscape



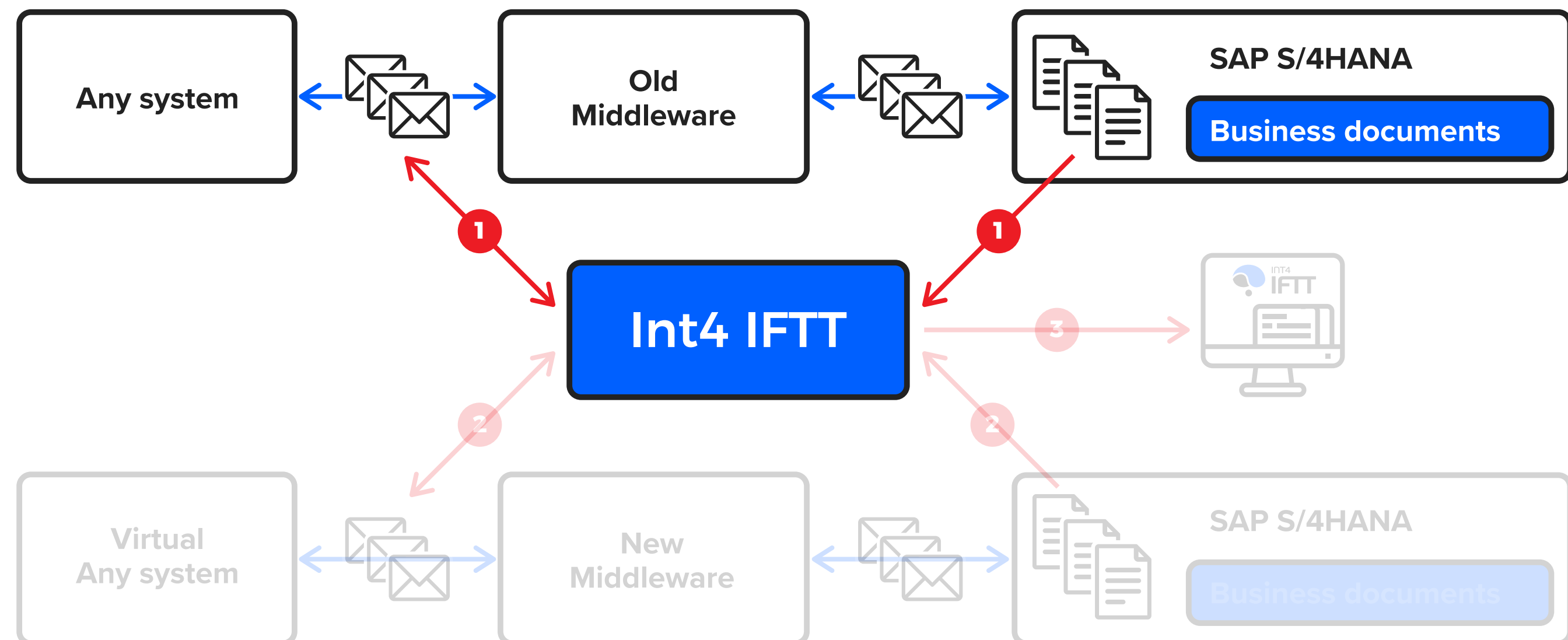
Use case details | Option 2

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. Corresponding 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



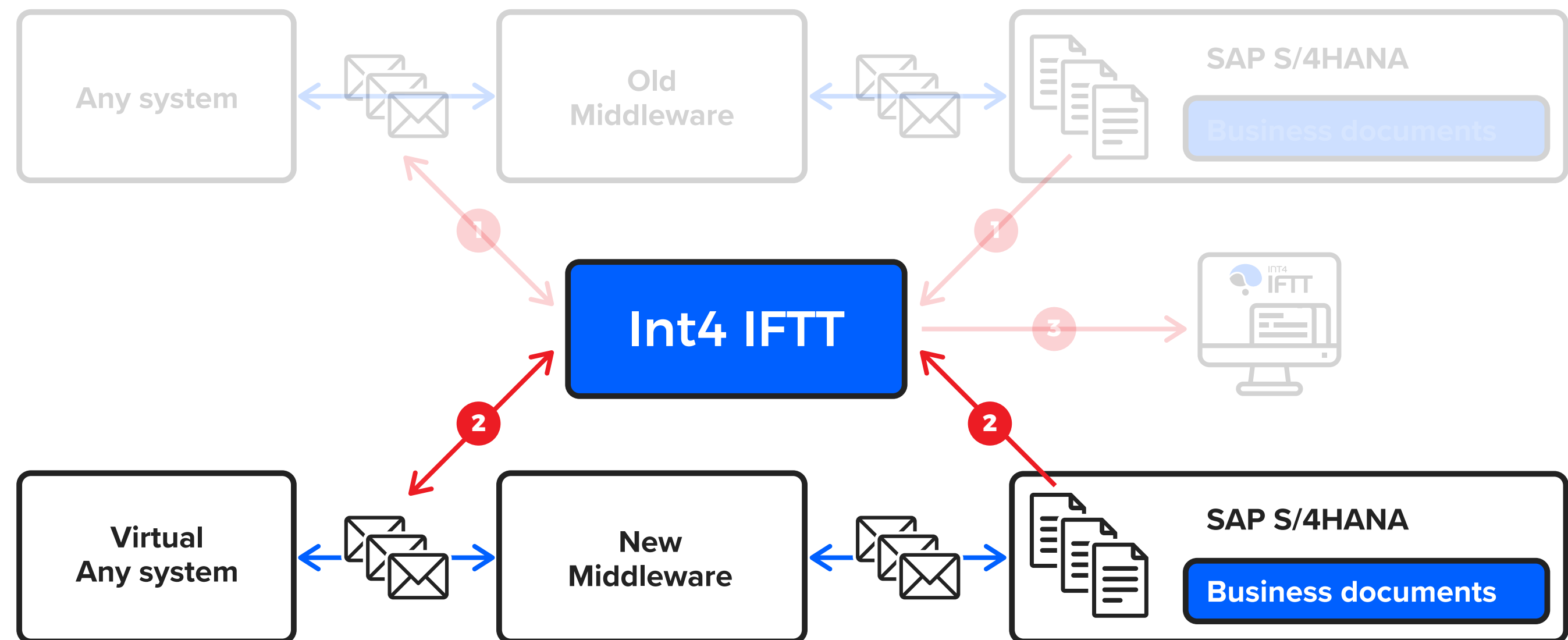
New Landscape

Use case details | Option 2

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.

Old Landscape



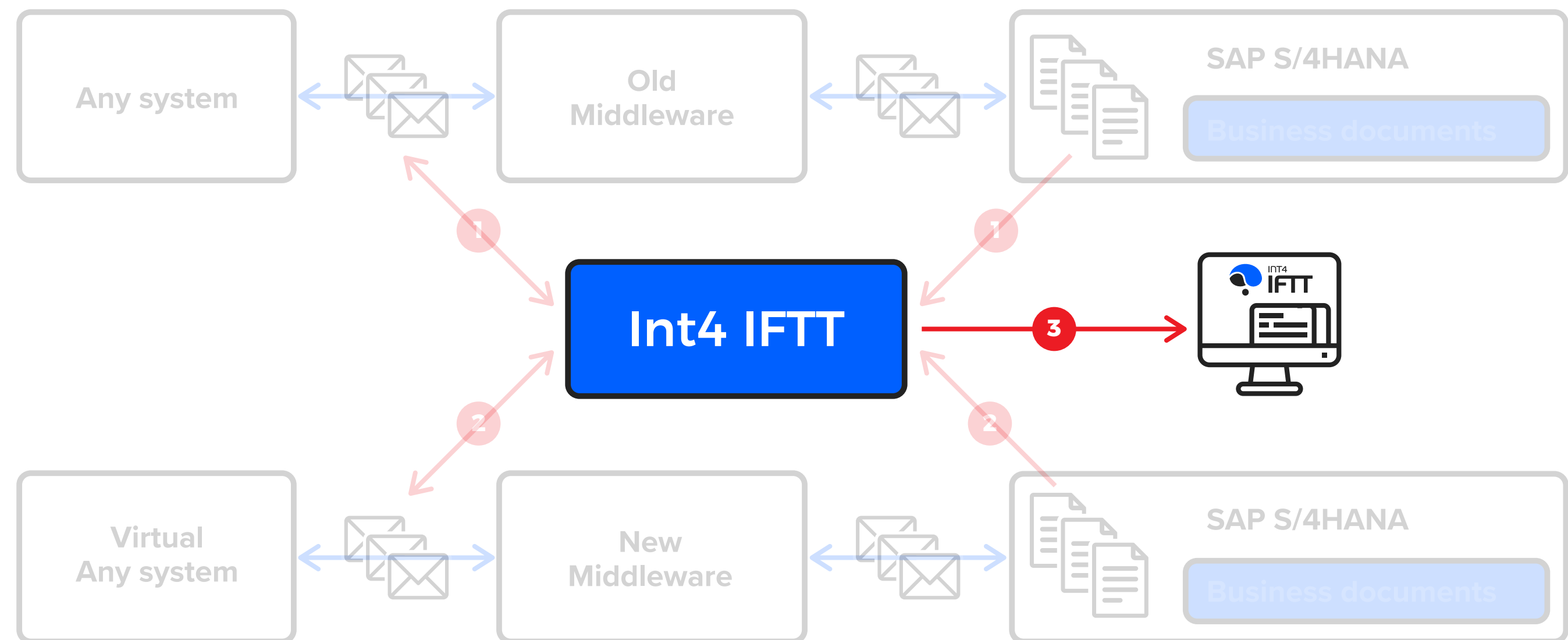
New Landscape

Use case details | Option 2

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.

Old Landscape



New Landscape

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

