



# SWIFT Open Day Japan 2016

## *SWIFT Interfaces Part 1*

Newton Soo, Senior Solution Architect

April 2016

## Agenda

- **Portfolio Overview & Roadmap**
- **Connectivity & Interface Products**
- **Integration Products**



[SWIFT Alliance user community](#)



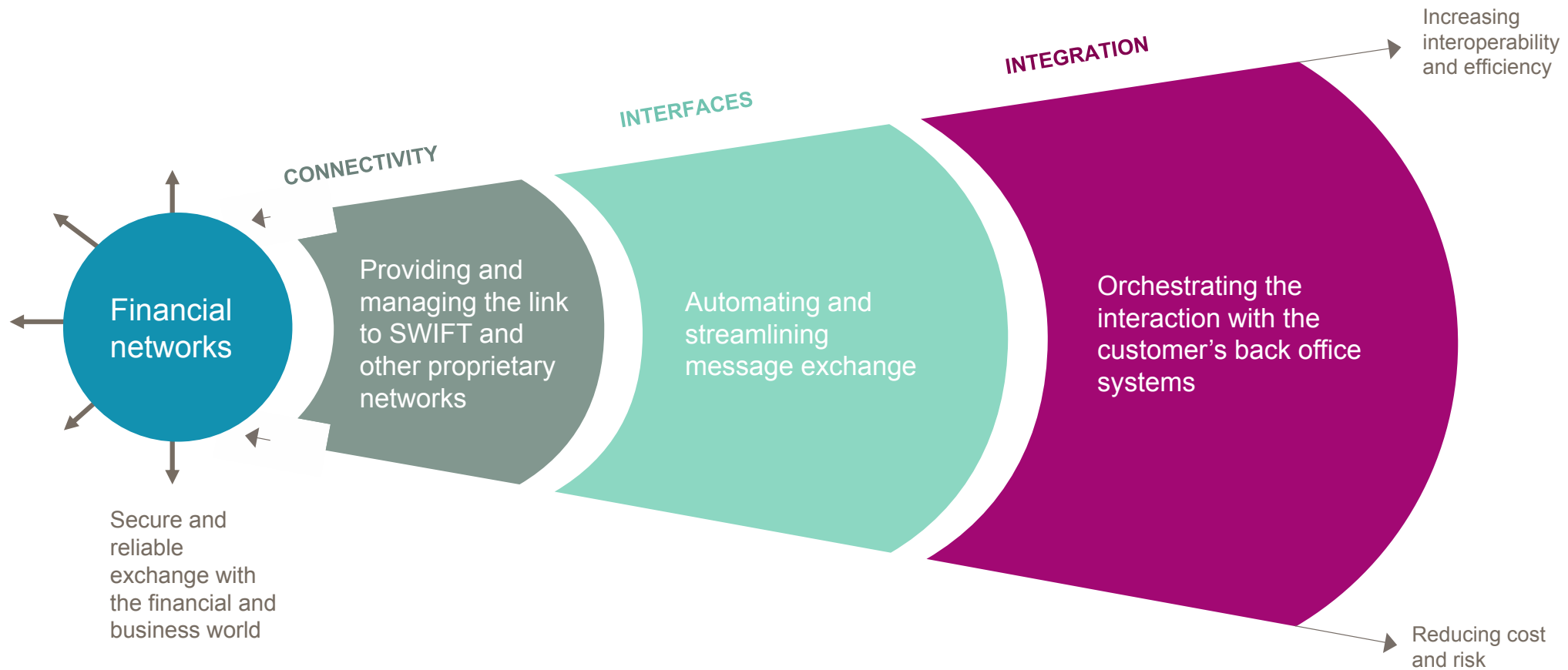


# Portfolio Overview & Roadmap

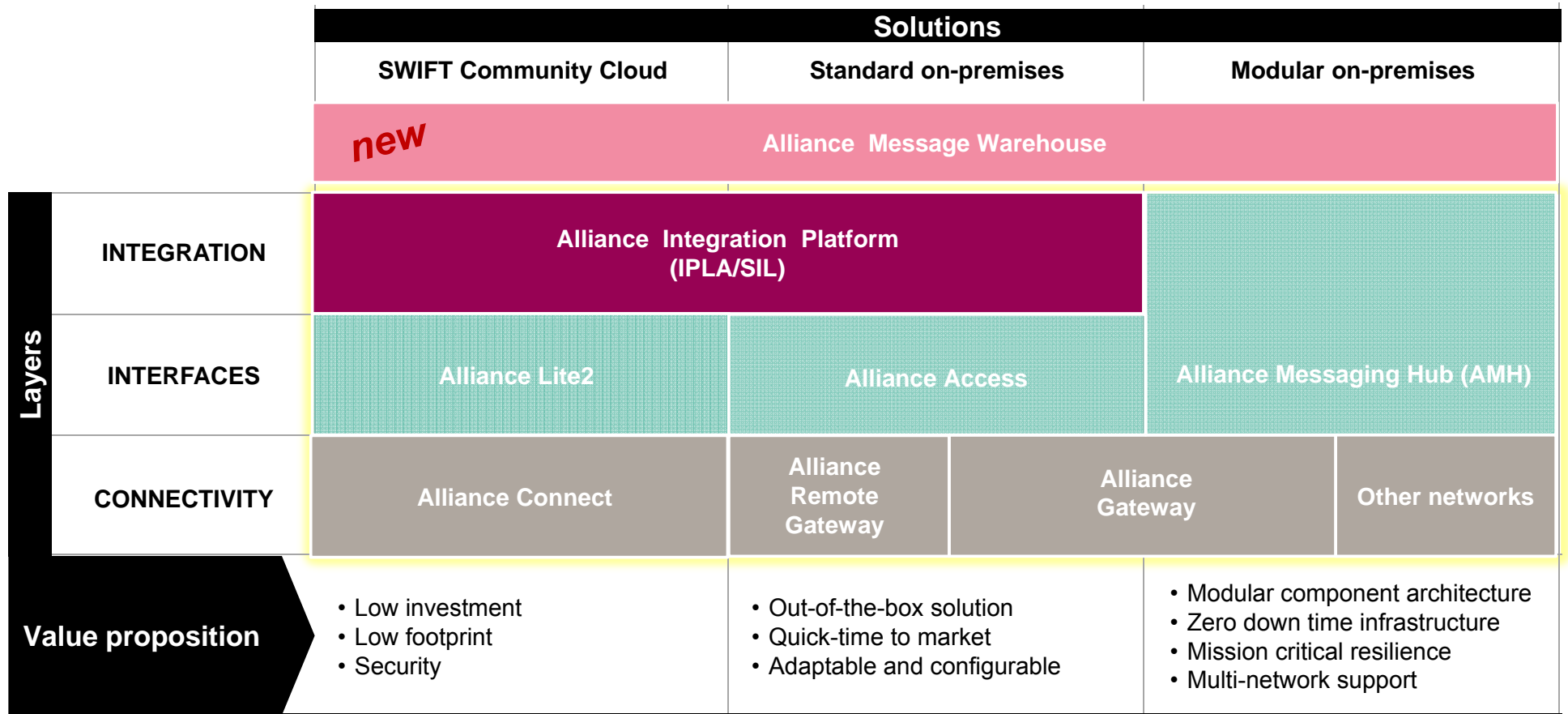
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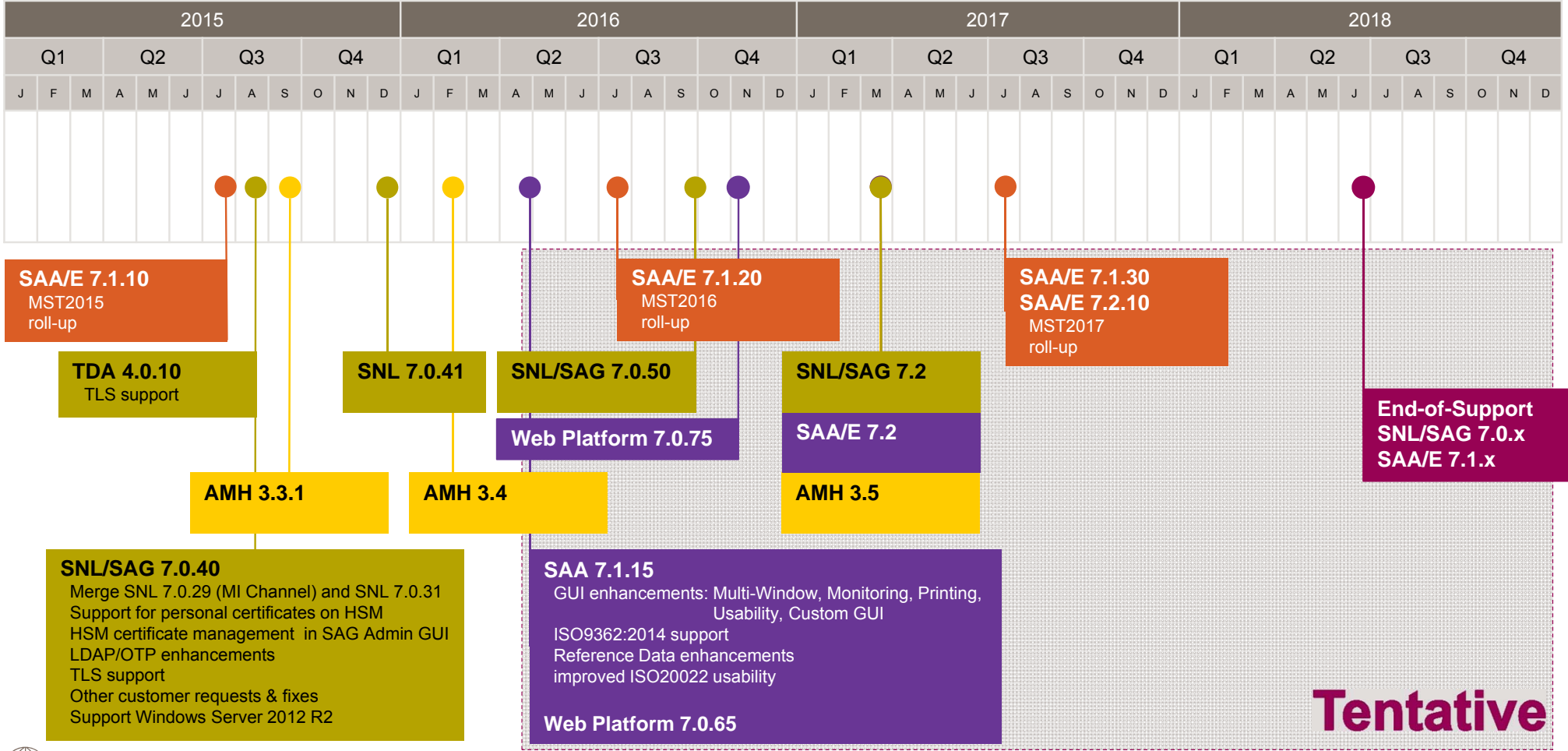
# SWIFT's layered Integration and Interfaces solutions



# Our Value Proposition – Alliance Portfolio

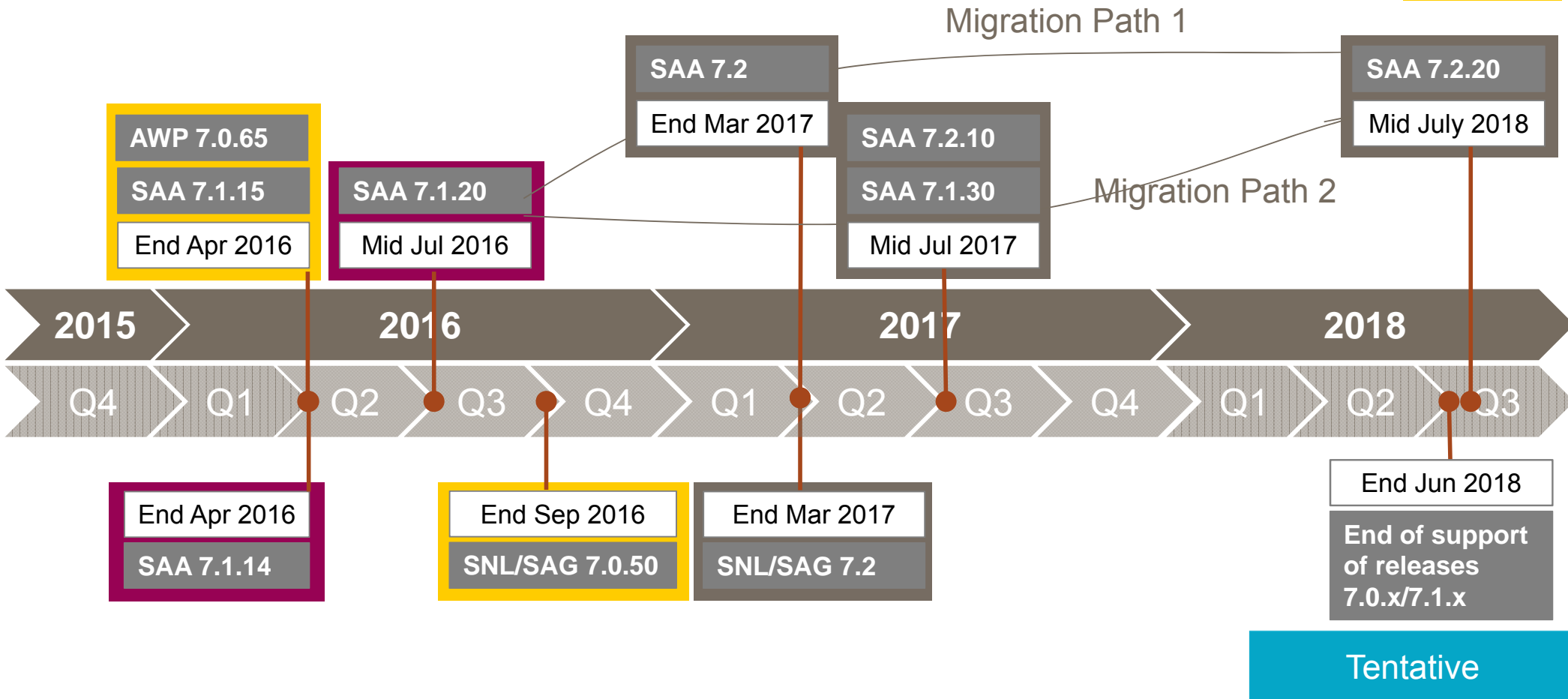


# Interfaces Roadmap 2016-2018



# SWIFTNet and Alliance Roadmap 2016-2018

Mandatory <small>Details TBC</small>	Mandatory
	Optional



## Alliance Access/Entry Mandatory update 7.1.14

April 25, 2016

- Integrity Detection Enhancements
  - **Automated** integrity check complements the check at startup
  - New *saa\_check* command combines the existing
    - *saa\_system integrity*
    - *saa\_system dbintegrity*





## Alliance Access Optional update 7.1.15

April 29, 2016

- **GUI enhancements**
  - Multi-Window
  - Monitoring
  - Printing
  - Custom GUI
  - Usability
- **TCO enhancements**
- **Reference Data enhancements**
  - Automated import
- **ISO9362:2014 support**
- **Improved ISO20022 usability**

Requires Web Platform 7.0.20 or higher  
Requires Internet Explorer 11 (or Firefox 38 ESR)



## Alliance Access

### Optional update 7.1.15 – GUI Enhancements

April 29, 2016

1. **Multi-Window under the same user session (\*)**
2. **Monitoring Dashboard in addition to existing monitoring screens**
3. **Printing**
  - Option to choose smaller font, remove header/footer, remove search criteria
  - Option to reduce print length for print from message search
  - Reports as TXT files (even for non-ASCII characters)
4. **New set of RESTful APIs that allow third parties to create Custom GUIs**
  - Re-use the Access user authentication/authorization mechanism
  - Process messages in a similar way to what ADK GUIs can do today
5. **Usability**
  - launcher page with access to all GUI packages without the need to log-on separately (\*)
  - Bookmarks: Each menu item reachable under own URL (\*)
  - Support for back, forward and reload of pages (\*)
  - Graceful shutdown

(\*) requires Web Platform 7.0.65 or higher



## Alliance Web Platform Optional patch 7.0.65

April 29, 2016

- **Improved platform**
  - Support multi-window
  - Support configurable dashboard



Alliance Access/Entry  
**Mandatory** update 7.1.20

mid July, 2016

- Support for **Message Standards Release 2016**
- Rolls-up all patches since mandatory patch 7.1.10

Tentative



## SWIFTNet Link Optional update 7.0.50

September 2016

- **Enhancements include**
  - FileAct enhancements
    - Activation requires changes centrally at SWIFT planned for end 2016
  - MI Channel configuration and operational enhancements including ability to automate replay trigger through MQ
  - HSM usability enhancements (for details see Tip [5019374](#))
- **Maintenance fixes**

Tentative



## Alliance Gateway Optional cumulative update 7.0.50

September 2016

- **Enhancements include**
  - MI Channel configuration and operational enhancements including ability to automate replay trigger through MQ
  - Gateway Admin GUI : HSM usability enhancements (for details see Tip [5019374](#))
- **Maintenance fixes**

Tentative



## Linux adoption: Status September 2015

**Pilot phase in 2012**

**Live customers since early 2013**

**Central infrastructure in AT live  
with 17 BICs since Nov 2013**

**Large bank in Japan achieves sustained  
35 TPS in production for the JASDEC  
service (SAA, SAG)**

**66 Access on Linux contracts  
Includes 14 Premium customers**

**114 Live BICs with Access on Linux**

**49 additional BICs in test  
Going through 37 SNLs**



## How is Linux adoption going?

### Full Portfolio

- Access incl. IPLA and Standalone, already 7 ADK components available
- Gateway and SNL
- CREST and TDA since end September 2014
- Web Platform Server-Embedded

### In Production

- Typically piece-by-piece
- Typically Virtualized
- No issues
- RHEL 6.4 as of Access 7.0.75

### Going Forward

- Euclid Connector on Linux (pending customer demand)







# Connectivity & Interface Products

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April 2016

## Cloud Trends

Organisations are moving to cloud solutions because they provide:

- **outsourcing of technical infrastructure**
- **lower complexity**
- **lower TCO**
- **reduced implementation time**

Thus enabling them to focus on their core business.



## Cloud Facts

**93%**

Companies are running applications or experimenting with Infrastructure-as-a-service

**68%**

Companies run less than 5 applications in the cloud

**50%**

Say cloud requires fewer internal IT resources

**82%**

Companies have hybrid cloud strategy

**43%**

Wish they had adopted cloud sooner

**70%**

Reinvest money saved as a result of moving to the cloud

**62%**

IT makes the company cloud decisions

**235+ billion**

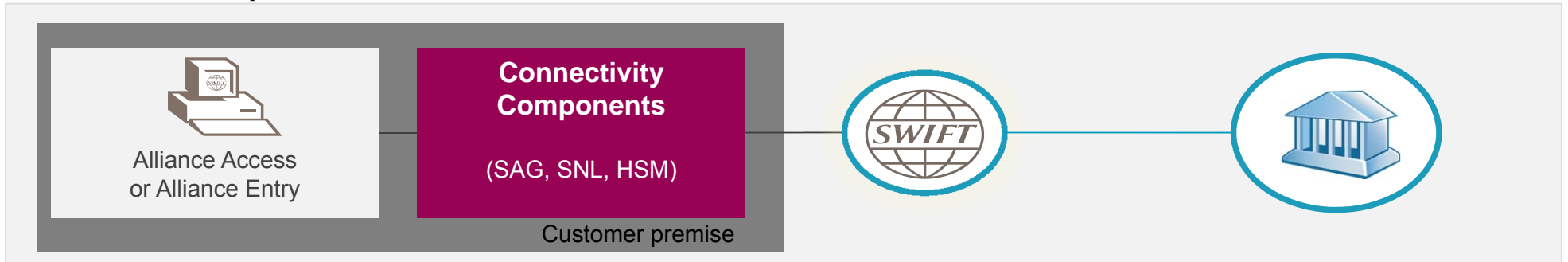
Projected cloud spend in 2017 by SMBs

Sources: RightScale survey 2015, PC World Cloud adoption trends,

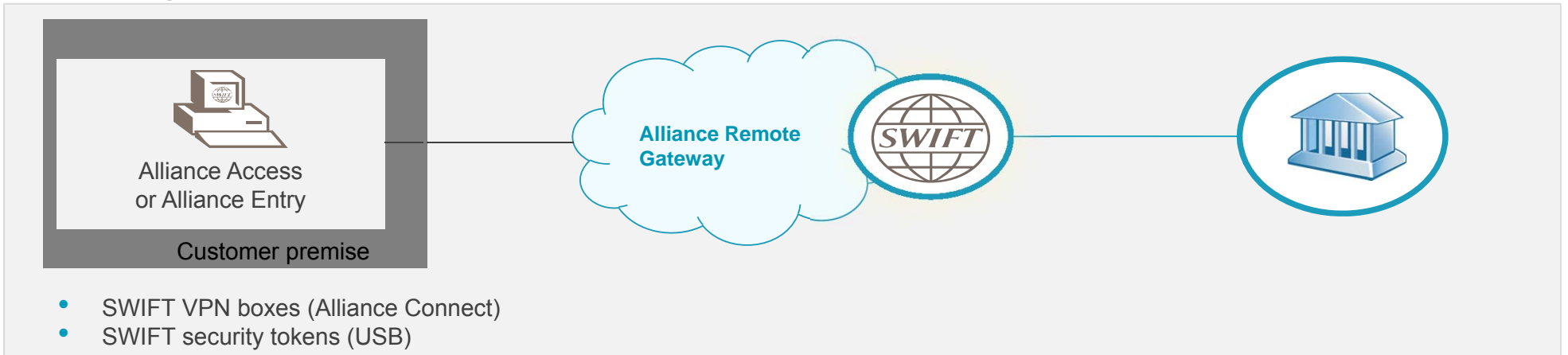


## Alliance Remote Gateway – how does it work?

### Traditional setup



### ARG setup



# Alliance Remote Gateway

Reduce the cost and  
complexity of your on premise  
infrastructures

- Simplify hardware complexity, by outsourcing the connectivity components
- Reduce operational costs
- Retain configuration full control
- Managed and operated by SWIFT, a global trusted party

*Suitable for customers who send and receive up to 20,000 messages per day with standard throughput expectations  
Alliance Remote Gateway does not provide the same functionality and resilience as a traditional Alliance Gateway*

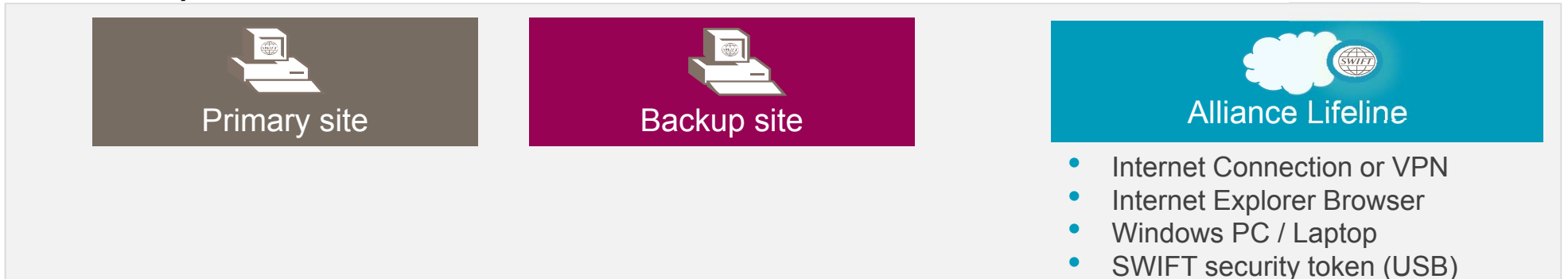


## Alliance Lifeline – how does it work?

### Traditional setup



### Lifeline setup



# Alliance Lifeline

Ensuring business continuity if  
your operations are disrupted

- Additional operations resiliency
- Always available
- Quickly enabling you to exchange financial messages
- Supports all SWIFT message types and files for automated or manual operations





# Integration Products

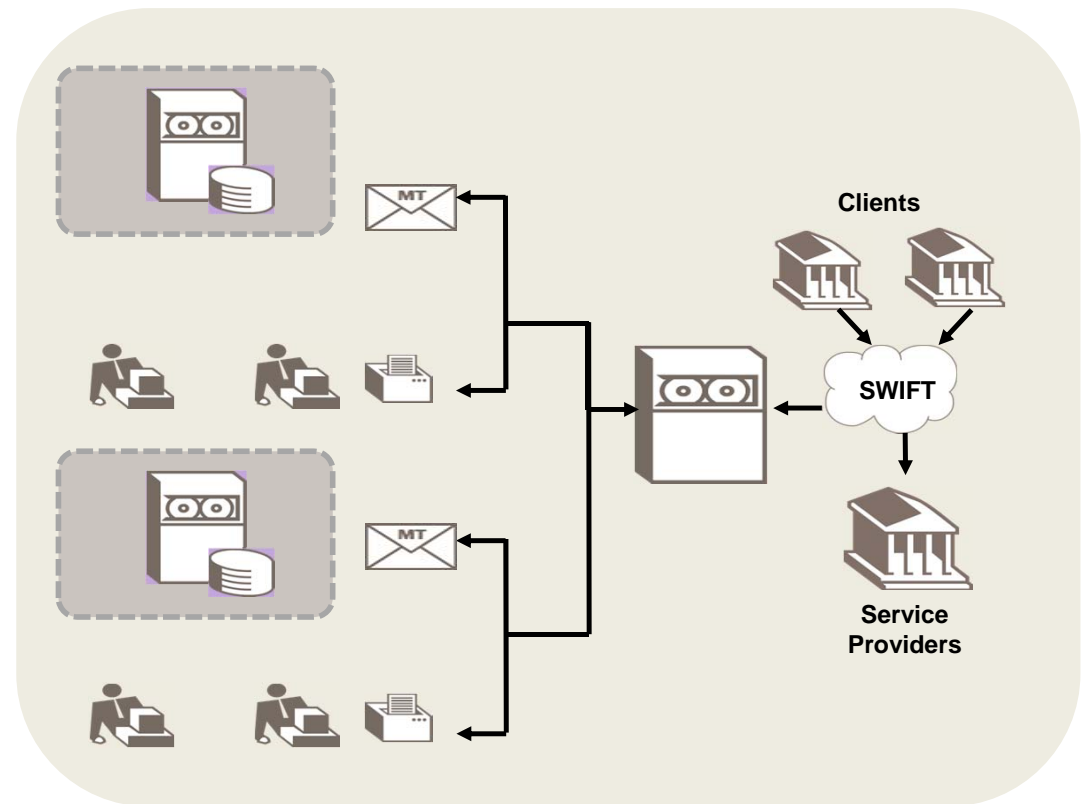
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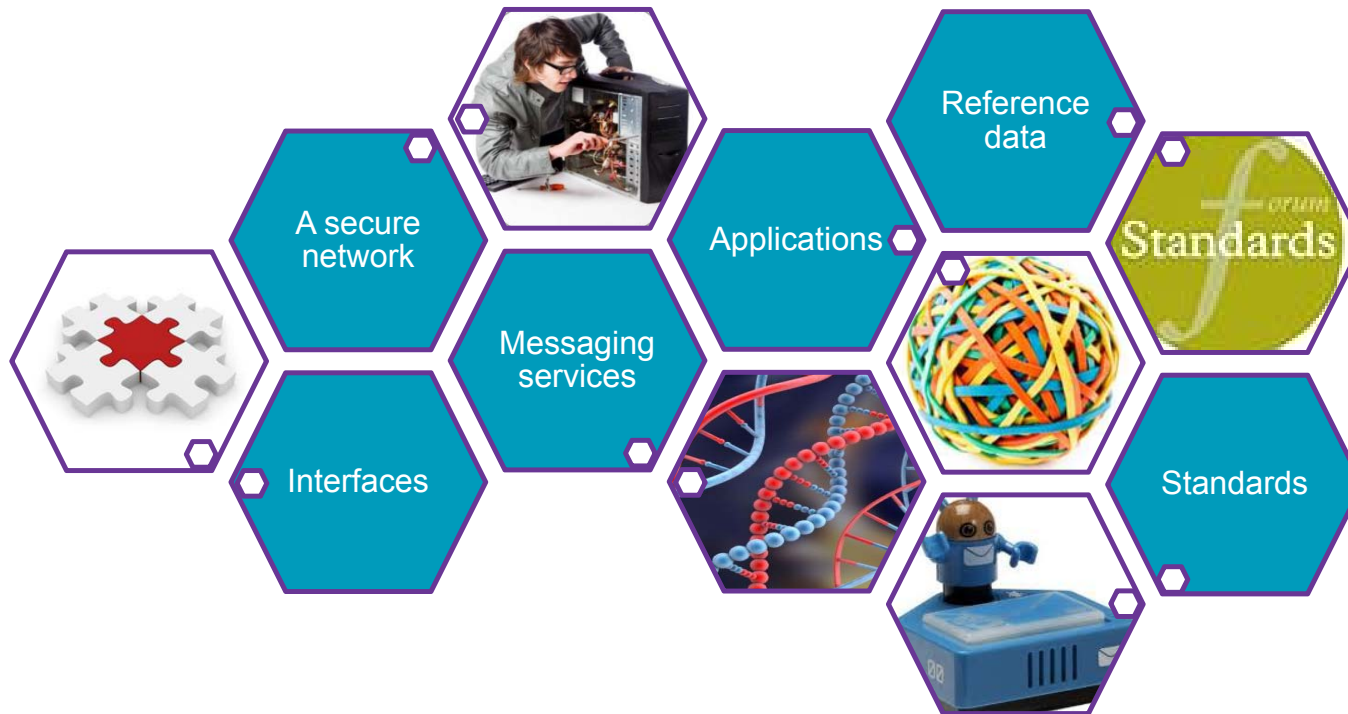


## Typical Integration Challenges

- Back Office not designed to connect to SWIFT
- Discrepancy between internal message formats and SWIFT formats
- Yearly Standards updates to be applied to applications
- Multiple applications, multiplied complications
- Involvement of more than one vendor and team



# Integrating your back office with SWIFT... *Sounds easy ?*

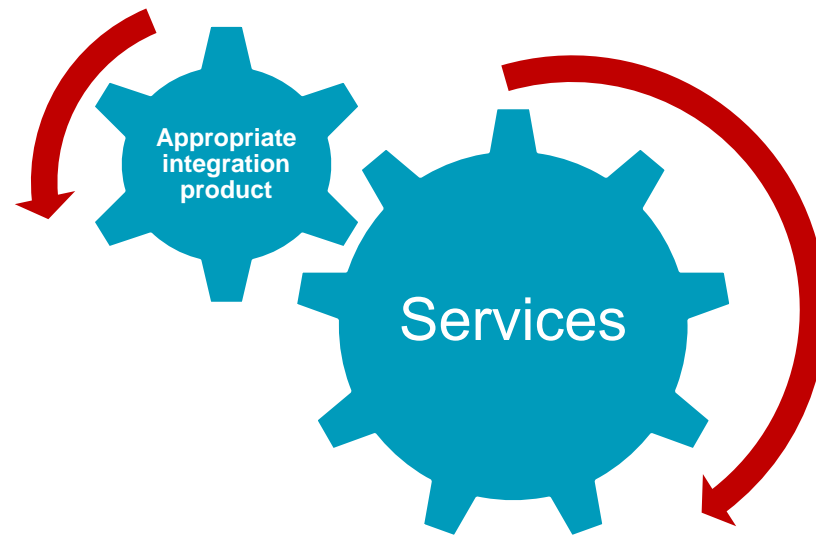


Connecting your back office to SWIFT can be very complex and requires specific expertise



## SWIFT's approach to integration

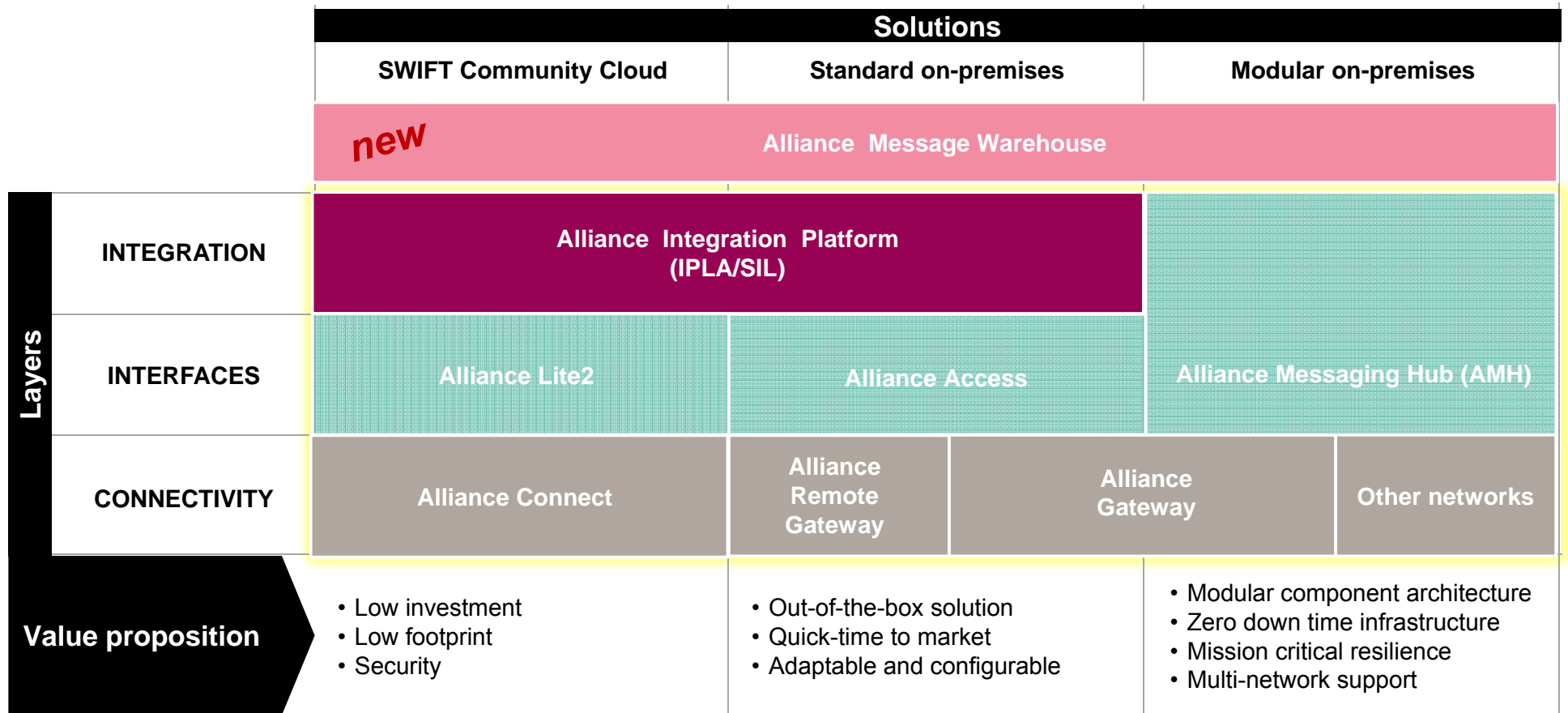
*Services and products*



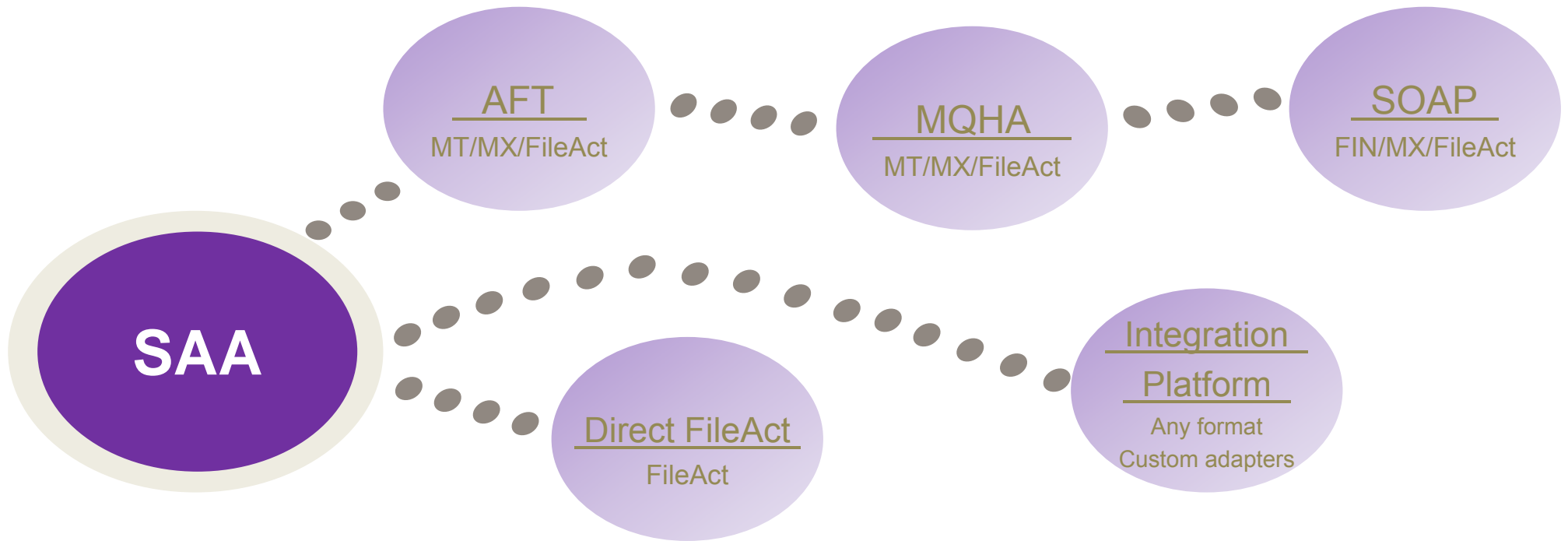
Combining services and the appropriate integration product to offer a true end-to-end solution



# Our Value Proposition – Alliance Portfolio

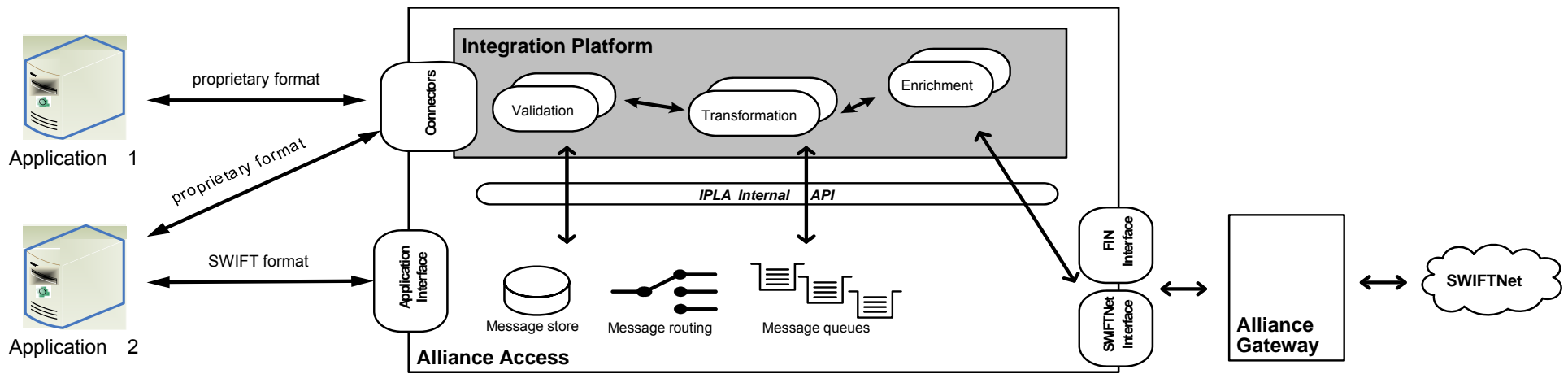


# Alliance Access Adapters



# Alliance Integration Platform

## Overall Architecture



## Getting more out of your messaging interface



# Alliance Integration Platform

## *Benefits*

IPLA

Consistent  
high standard  
message  
processing

Leverage  
the features of  
Access

Minimise  
system  
complexity



