Alliance Messaging Hub

Enabling dynamic business operations

Higher STP rates with increased agility and efficiency

Benefits

- ❯ Quicker set-up time for new lines of business
- ❯ Faster time to market for new products and services
- ❯ Effective in a multi-standards world
- ❯ Low initial set-up costs with scalable operational costs
- ❯ Highly customizable
- ❯ Supports multi-network for files and message processing
- ❯ Flexible workflow orchestration to support the most demanding data management
- ❯ Clear and intuitive business user interface

Financial organisations across the globe face more pressure on their IT systems and operations than ever before. Commercial demands for the rapid development of new products and services require operational agility, especially in an increasingly competitive marketplace. At the same time the business must continue to run efficiently and securely, and remain cost-effective. Further complexity can arise as a result of strategic activities such as mergers and acquisitions, which require alignment of technology and processes, new services and standards and merging platforms that don't necessarily communicate with a common language.
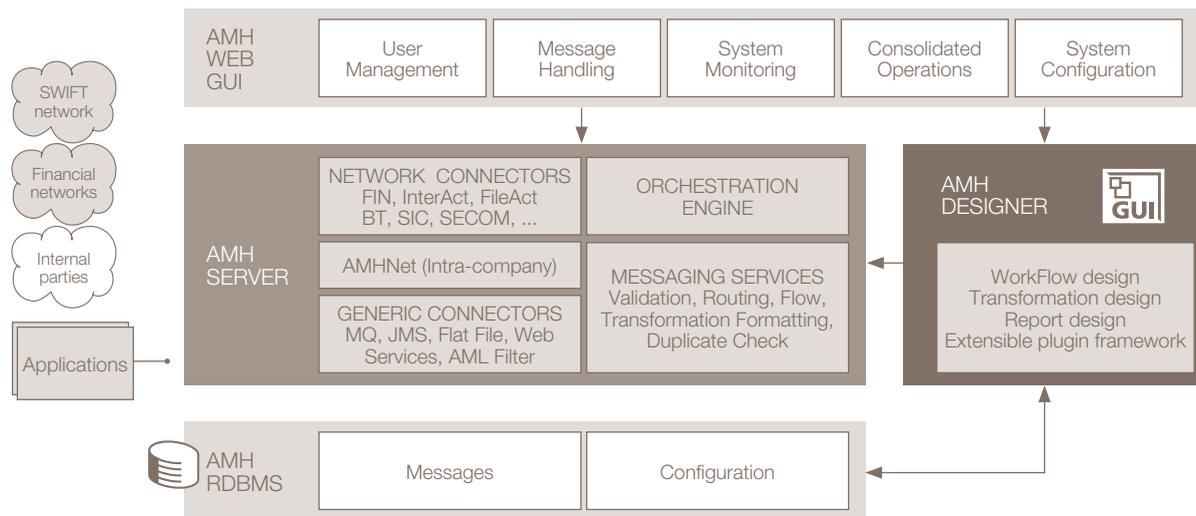
SWIFT's Alliance Messaging Hub has been designed to address the needs of institutions that want to function as effectively as possible under these market and operational pressures. It is a valuable tool for any financial organisation that wants to integrate and manage extensive and diverse message flows.

AMH is a flexible, multi-network, high-volume financial messaging solution that ensures high availability, is customisable and scalable. The AMH technology is modular and can handle in parallel, financial messages or files for various networks enabling extensive throughput combined with sophisticated data management. The end result is higher straight through processing (STP) rates with increased agility and efficiency, based on each financial institution's individual needs.

With a variety of network adapters, its Business Process Management (BPM) tool, and open standards support, AMH allows routing between different messaging services seamlessly. It is also the platform of choice for future development.

AMH is a modular, multi-network, high-volume financial messaging solution that is highly available, customisable and scalable.

AMH is fully integrated into SWIFT's product portfolio and comes with all the benefits of SWIFT's operational excellence. SWIFT now caters for an even wider range of customer needs. We are essentially, a one-stop-shop for

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AMH
WEB
GUI        [User          [Message        [System        [Consolidated    [System
            Management]    Handling]       Monitoring]    Operations]     Configuration]

SWIFT
network

Financial
networks

Internal
parties

AMH
SERVER     NETWORK  CONNECTORS          ORCHESTRATION        AMH
            FIN, InterAct, FileAct        ENGINE              DESIGNER      [GUI]
            BT, SIC, SECOM, ...

Applications  AMHNet (Intra-company)    MESSAGING SERVICES    WorkFlow design
                                        Validation, Routing, Flow,   Transformation design
            GENERIC CONNECTORS          Transformation Formatting,   Report design
            MQ, JMS, Flat File, Web     Duplicate Check      Extensible plugin framework
            Services, AML Filter

AMH
RDBMS      [Messages]               [Configuration]
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⌃ Alliance Messaging Hub high-level architecture

messaging, interface and integration solutions that brings much desired TCO reduction and enhanced interoperability to our customers.

Scalability and Operational Requirements

Alliance Messaging Hub meets the needs of financial intuitions, from classical to very specific messaging requirements. Typically they have intricate back-office-systems integrations, handling substantial volumes of messages with high availability and operational requirements. AMH is designed for high volume, high performance, high availability and modularity. The platform supports linear scalability by upgrading an individual hub deployment or by providing extra instances that work in parallel and share the work load. It is easily extendable to more services and protocols.

An Enabler for Business Operations

Alliance Messaging Hub leverages its state of the art technology to generate rapid solutions and complete business processes. It is built to achieve a faster time-to-market for new customer-centric services by handling loosely coupled business flows for various business needs. AMH can bridge legacy applications, with their ever changing market standards, without adjusting them.

It supports data segregation, determining how users and applications interact with financial messages. It also facilitates audited financial message processing for critical business operations to meet strong regulatory requirements.

Multi-Network and Unified Communications

Alliance Messaging Hub is a strategic messaging platform aimed at consolidating multiple financial gateways. It offers a unified approach for all communication channels, by de-coupling the communications and business workflows. The application provides simplified and centralized operations with an identical look and feel to message handling. AMH is an integrated solution that works across messaging silos and business lines that share the cost, streamlining connectivity between various networks.

Built for Performance and High Availability

AMH is able to leverage the latest multi-core hardware, with horizontal multiple instances spanning several individual systems for scalability, resilience and availability. It is proven to perform under heavy message load using relatively minimal resources. The application is designed and properly supports: Active-Active architecture, automatic fail over,

automatic reconnection and auto retry functions, all of which are critical to the business. Additionally, its horizontal scaling provides the necessary throughput performance.

Advanced User Interface

The user interface is feature-rich, self-explanatory and is easy to use. Customers can configure their operational view to support their business needs. It offers co-existence and seamless handling of messages from various standard or supported formats through its dynamic web interface. Both business and operational users have immediate access to the relevant operation or monitoring features, depending on their role. This includes: searching for specific messages, monitoring communications channels, consulting reports and drilling down to single transaction details.

It is a valuable tool for any financial organisation that wants to integrate and manage extensive and diverse message flows, such as domestic or multi-regional banks.

Powerful Integration Capabilities

The business process engine in Alliance Messaging Hub provides an unparalleled level of flexibility and significant return on investment when integrating with existing applications. The modeling desktop enables technical business experts to create their business flows, transformations, report definitions combined with complex business routing. Users can benefit from: an intuitive graphical interface, open standards support, web services and the tool's SOA approach. These qualities enable customers to integrate the platform into any given business environment and tailor it to their institution's need.

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The end result is higher straight through processing rates with increased agility and efficiency, based on each financial institution's individual needs.

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For more information please contact your SWIFT account manager or visit www.swift.com

Key Features

Full support for SWIFT, SIX and several clearing networks

Off-the-shelf adaptors for flexible back-office integration

Graphical designer platform for business flow configuration, format definitions and transformations

Modern, open and componentized architecture

Non-disruptive solution for seamless integration in the customer environment

User-friendly web interface for business and IT users

Flexible infrastructure to easily design messaging solutions for SEPA, Target2, Funds, Corporate Actions etc.

Flexible and scalable set-up with low-cost entry

Resilience and performance to support volume growth as well as peak volume

Highly designed architecture de-coupling users activity from straight through traffic, increasing resiliency and throughput

Active-Active solution for full 7/7 availability

Multi automated procedures to ensure minimal user handling and high resiliency