

Formicary Connect™

Integrating Real-time Trading Risk Application Layers

Formicary Connect cuts integration costs, shortens implementation time, and decreases project risk through the use of proven interface components or “connectors”. The use of these dedicated connectors deployed within a real time framework for monitoring exceptions and bilateral dataflow, dramatically speeds and simplifies migration tasks and the building and maintenance of interfaces.

Advantages

- Formicary Connect is tailored to the needs of the Financial Services industry, capitalising on 10 years of collective experience and R & D.
- It is solely dedicated to software integration for the Financial Services industry.
- Software issues are greatly reduced, resulting in production grade solutions.
- Leverage bilateral dataflow exceptions between supported connectors, Summit FT™, Calypso™, MUREX, DTCC™, Markit™ Wire (formerly Swapswire), Fidessa®, SunGard Martini™, Bloomberg™, Thomson Reuters™, etc.
- Leverage existing trading and data solution’s so lifecycle management becomes a natural trait rather than a problem.

Overview

Formicary Connect is a component based software framework used to accelerate the implementation process and create real time bilateral data flow connections to enhance or extend the incumbent systems architecture within a financial institutions’ trading/funds business unit. Connectors may be deployed as stand-alone modules or assembled in packages serving multiple interfaces. Formicary Connect comes with built in modules for, exceptions/error handling , workflow, mapping, auditing and matching that function out of the box, as well as a set of standardised connectors for Misys Summit FT, Murex, Calypso, DTCC, Markit Wire (formerly Swapswire), Fidessa, SunGard Martini etc. This gives institutions guaranteed real time point to point integration with major savings on implementation budgets and reduced ongoing support costs.

Formicary Connect is the constantly evolving, production quality foundation upon which our integration services are based. One of the driving factors behind Formicary Connect is the ability to relegate lower level connectivity issues to the background allowing the focus to switch from technical issues to business logic. The intuitive Web deployed front end is designed to allow business users to log in and ensure all of their connected systems are interfacing properly with each other and business processes are running smoothly in real time between disparate underlying connected systems.

Supported Bilateral Connectors

CalypsoConnect, MurexConnect and SummitConnect advantages

Component based design:

- Supported off the shelf Bilateral Connector is fully integrated within Formicary Connect. Connectors are warranted for complete extraction of supported asset class data with a Bilateral Connector.
- When two supported Connectors are implemented they have pre-built workflow, hospitalisation and reporting, giving immediate hands-on experience and the ability to test basic data flow ideas in very early stages of the development process.
- Real-time bilateral trade flow supported out of the box between bilateral connectors.

Supported Unilateral Connectors

DTCC, Markit Wire (formerly Swapswire), Fidessa, SunGard Martini, Bloomberg and Thomson Reuters advantages

Unilateral Connector is fully integrated within Formicary Connect. They are warranted for complete one-way transfer of supported asset class data information from a Bilateral Connected system to/from a Unilateral Connected System.



Key Features

Supported Connectors

Underlying systems are connected through open and documented API's that ensure bilateral data flows in and out of the source system. Connectors are built within our guaranteed asynchronous messaging connector module which supports complete message status lifecycle logs, error handling, underlying system connection monitoring, and is user extendable.

Dynamic Configuration

Components and connection details can be changed easily using the centralised management console.

Real-time Monitoring

All messages flowing through the system are logged in real-time and available via the Message Monitor GUI. Message trails are stored for audit purposes for an indefinite period or can be purged periodically.

Workflow

Exceptions based workflow is used to track communications between connected systems, creating user defined task list applications and allow for the forwarding and escalation notifications to the appropriate individuals in an institution.

Reconciliation/Matching

Allows user to define reconciliation and matching processes to ensure the integrity of bilateral data flow between connected systems. This quickly highlights data issues from mismatches that occur when an underlying connected system generates unforeseen or unmapped message types.

Supported Connectors
• CalypsoConnect
• MurexConnect
• SummitConnect

Supported Systems	
• Calypso	• Fidessa
• Murex	• SunGard Martini
• Summit FT	• Bloomberg
• DTCC	• Thomson Reuters
• Markit Wire	• In-house applications



Figure 1. Formicary Connect

Exception Handling

Once an error or a warning is generated, the error is put in a holding area for review purposes whilst the rest of the information flows through. The appropriate users will be notified in real-time (provided users are logged in or using instant messaging, email or SMS for external warning notification). Formicary Connect allow users to rectify the error and release the data for onward processing in downstream connected systems.

Reporting

All data flow, exceptions and actions performed on Formicary Connect is stored in the complete audit logging module. Formicary Connect comes with a set of standard reports and users can build their own within the Formicary Connect module or integrate through the API to their own in-house reporting framework.

Security

Users and roles can be defined within Formicary Connect with different user privileges that are protected by 128-bit encryption and LDAP / SSL login capabilities. This ensures that no in-appropriate reconfigurations or actions can be performed within Formicary Connect if the user does not have the appropriate privileges. All access and permission changes are audited with security audit trails for unauthorised access.



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Other Related Products

CalypsoConnect, MurexConnect & SummitConnect

Cuts integration cost by shortening the implementation time and decreases the project risk through the use of proven framework to unify and simplify dataflow.

Standardised set of connectors that allows users to create bilateral exceptions based data flow when importing or exporting trades or static data to and from Calypso, Murex or Summit FT. One of the driving factors behind Connects is the ability to provide a higher level, business oriented layer on top of the lower level connectivity components, to shift focus from technical issues to business logic, rapidly moving into data flow mapping and functional requirements.

www.formicary.net/connect

RiskSeer™

Transforming transparency in Risk

RiskSeer is an integrated application designed specifically to transform and ease risk management processes. It provides a transparent workspace which centralises market and trade data. The exceptions based application enables authorized users to access, manipulate, quality check trade/pricing data and export the data on demand. Increasing efficiently by allowing clean risk approved pricing for the calculation of intra-day and end-of-day P&L.

www.formicary.net/riskseer

About Formicary

Formicary is an information technology company that specialises in building integrated applications/solutions to maximise business efficiency and streamline business processes for the Financial Services industry.

Founded in 2000, Formicary brings together a world class team of talented and dedicated professionals with industry experience covering Unified Communications (particularly Persistent Group Chat) and Cross Asset Trading applications. This knowledge, coupled with technical excellence ranging from legacy client/server to cutting edge technologies, enables Formicary to offer innovative and sophisticated services and software to help clients improve their productivity and increase their return on investment.

Formicary has offices in Europe, North America and Asia Pacific.

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