

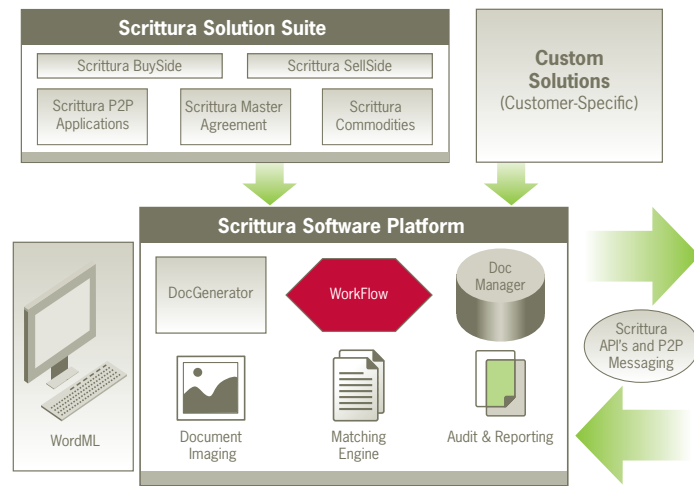
## Data Sheet

### Scrittura WorkFlow Manager

Interwoven's Scrittura is recognized as the leading enterprise content management solution suite developed exclusively to automate and manage the full lifecycle of trade documentation for the financial securities and capital markets. Scrittura Workflow Manager is the component engine of the Scrittura software platform that smoothly integrates disparate systems and complex business structures into a unified, automated framework—specifically aimed to streamline the back-office workflow of the documentation processing of non-exchange based trades.

With the volume and complexity of trading documentation continually increasing, Scrittura's Workflow Manager models and configures application behavior, allowing rapid development and automated deployment of key business functions, including document generation, review, routing, and tracking. This high-performance tool supports conditional routing, splits, joins, and sub-workflows, and includes three separate methods for application integration. Scrittura's Workflow Manager is the ideal solution for automating and consolidating the proprietary business processes in financial firms' back-office departments.

Designed for maximum reusability and scalability, Workflow Manager enables easy deployment of the Scrittura Solution Suite, benefiting financial institutions with increased productivity, enhanced back-office efficiency, and minimized operational risks.



#### Workflow Manager benefits

##### **Improve productivity via rapid integration and deployment of new solutions**

Workflow Manager can be easily integrated into disparate systems, combining them into one unified workflow process. It provides support for in-process, client-API and EJB-based process integration and customization. It adheres to open standards, facilitating smooth integration with other third-party document management, generation, and imaging systems as well as improving time-to-market for new value-add solutions.

##### **Enhance efficiency within an open, standards-friendly framework**

Workflow Manager enables seamless interoperability via:

- Interfaces with SWIFT, DTCC, FpML, and all XML-based messaging protocols, automating message exchanges and documentation routing
- Adherence to XPDL specification, with process definitions based on the specifications set forth by the Workflow Management Coalition
- Support for Free Graph Structure work definitions—including splits, joins, and sub-flow—as well as multiple entry and exit points for each process

##### **Mitigate operational risks with strict controls and status reporting**

Financial professionals can identify and track their documents and messages at any point in the workflow process, greatly reducing the potential of stalls or errors along the way.

## The Scrittura software platform

The Scrittura software platform allows capital markets operations to easily configure and deploy enabling solutions based on a robust, scalable, extensible, and cost-effective technology closely aligned to the process needs of financial institutions. Scrittura's Web-enabled software is built on the J2EE platform using EJB, JSP, Servlets, JMS, and JDBC in compliance with the J2EE 1.3 specification, including EJB 2.0 and JSP 1.2. Scrittura supports BEA's WebLogic 8.1 as its application and web server, and Oracle 8/9/10, Sybase 12.5, and SQL Server 2000/2005 as the relational database.

The Scrittura software platform is based on the following fully re-usable components:

- DocGenerator—document generation engine
- DocManager—document management system
- Workflow Manager—workflow engine
- Scrittura WordML® editor using Microsoft Word
- Scrittura Messaging
- Document imaging framework
- Audit & reporting framework
- Matching engine for OTC messages

## Workflow Manager specifications

Workflow Manager is built on the J2EE platform and uses EJB, JSP, and JMS. It can be deployed on all market-leading applications and DBMS servers that provide full support for Java. For easy application integration, Workflow Manager has two automated application steps within the workflow definition and automated queue based activities.

Key Features	
Key feature	What it does
Drawing, layout and annotation in MS Visio	Scrittura enables customers to use Microsoft Visio® to visually describe their business needs with diagrams created by Workflow Manager's graphical workflow design tool. The design tool plug-in to the Visio program uses the standard UML Activity Diagram model and converts the Visio diagram to workflow commands.
Web services	Scrittura provides browser-based access to trading, middle-office, back-office, legal, and counterparties. It also enables integration with other systems and databases—such as order management, risk, counterparty, and compliance—to share important data, which improves decision making for all stakeholders.
Simple routing process	The sophisticated configuration of Workflow Manager's routing processes allows trade documentation to be quickly generated, reviewed, and dispatched.
Matching and exception handling	Workflow Manager configures automatic application behavior for matching and exception handling on documentation faxed by counterparties.
Complex conditional logic	Workflow Manager's cascaded routing supports complex conditional logic, including nested/group expressions.
Auto-indexing	Search capabilities are significantly enhanced by Workflow Manager. It enables auto-indexing of any document uploaded into DocManager's repository.
Auto chaser letter	Workflow Manager enables the automatic creation and dispatching of chaser letters to remind counterparties of outstanding documentation.

---

## Scrittura Solution Suite

Learn more about all the Scrittura solutions and why they are the trusted choice of more than 30 of the world's largest dealers and investment managers to transact billions of dollars in derivatives every day.

- Scrittura P2P™
- Scrittura Master Agreement
- Scrittura BuySide
- Scrittura SellSide
- Scrittura Commodities

## Interwoven is a global leader in content management solutions

Interwoven's software and services enable organizations to effectively leverage content to drive business growth by improving the customer experience, increasing collaboration, and streamlining business processes in dynamic environments.

Our unique approach combines user-friendly simplicity with robust IT performance and scalability to unlock the value of content.

Today, nearly 3,800 enterprise and professional services organizations worldwide have chosen Interwoven, including: adidas, Airbus, Avaya, Cisco, DLA Piper, the Federal Reserve Bank, FedEx, HSBC, LexisNexis, Microsoft, Samsung, Shell, Samsonite, White & Case, and Yamaha. Over 18,000 developers and over 300 partners enrich and extend Interwoven's offerings. To learn more about Interwoven, please visit [www.interwoven.com](http://www.interwoven.com).

Interwoven, Inc.  
803 11th Avenue  
Sunnyvale, CA 94089 USA  
(408) 774-2000