

Data Sheet

Scrittura DocGenerator

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 DocGenerator is the component engine of the Scrittura software platform responsible for document generation, processing, and monitoring; specifically aimed to automate the documentation workflow needs of back-office processing of non-exchange based trades.

With the volume and complexity of trading documentation continually increasing, DocGenerator enables Scrittura customers to gain and maintain control of their pre- and post-transaction workflow. It provides the highest degree of automation and controlled coordination of back-office operational processes, enabling the effective management of the legal, operational, and compliance risk associated with new and existing trading documentation and contracts.

DocGenerator can be configured to generate documentation for numerous transaction events and is successfully used for Swaps & Derivatives (interest rate, FX, FX options, NDFs, equity, credit and commodity), Master Agreements (ISDA Master/CSA, IFEMA, FEOMA and ICOM), and Credit Requests.

DocGenerator benefits

Mitigate financial, legal and operational risks in the document production cycle

DocGenerator allows users to specify and draw from libraries of appropriate legal

clauses and business rules. Back-office personnel are no longer overburdened with random document formats or unfamiliar legal language. In addition, continuous document monitoring throughout the production cycle minimizes the potential for costly manual errors and their associated risks in the execution of the generated documents.

Speed up document assembly in a user-friendly, collaborative environment

DocGenerator's pre-defined, highly customizable HTML templates can be modified by authorized users in familiar packages such as Microsoft Word, eliminating the need for staff programmers to implement changes and hence speeding up the overall process. Automatic dispatch of documents, easy Web access for all counterparties,

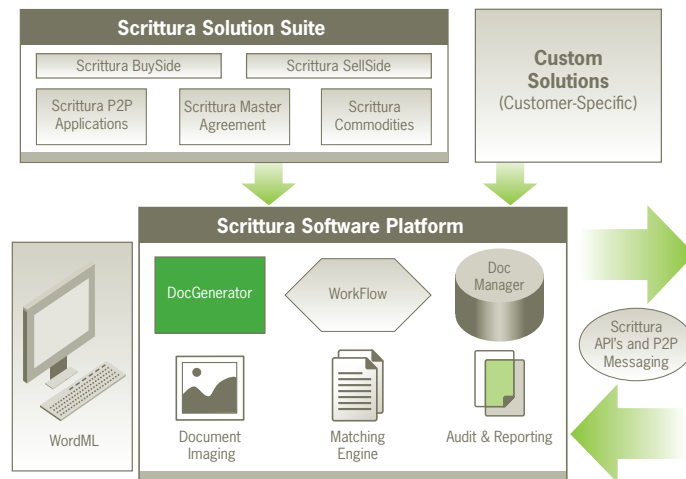
integration with client databases, all add up to a truly coordinated and collaborative environment.

Enhance security, process integrity, and regulatory oversight

A multi-level login security structure controls access to sensitive counterparty and trade information by selected users down to the variable level. Furthermore, detailed audit trails enable comprehensive reporting and easy information retrieval to drive compliance with regulatory requirements in an efficient manner.

The Scrittura software platform

The Scrittura software platform allows capital markets operations to easily configure and deploy enabling solutions utilizing a



robust, scalable, extensible, and cost-effective technology that is 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

DocGenerator versatility

DocGenerator supports document generation using flexible JSP or Scrittura v.2 templates. The Scrittura JSP tag library is based on nonproprietary J2EE standard JSP syntax and allows for the incorporation of many other JSP-only features such as inline conditional content, inline active content, and calls to other libraries and data sources. JSP templates also support 'red-lining' functions to compare changes in documents across versions.

Key Features	
Key feature	What it does
Document generation	<i>DocGenerator is a controlled, Web-enabled document production environment that enhances the management of financial, legal, and operational risk, and reduces the time and exposure associated with reconciling transactions and contractual terms. It can be configured to generate any type of documentation and, if required, automate the process.</i>
Web services	<i>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.</i>
Edit on the fly	<i>Document variables can be manually edited on the fly, while maintaining a fully audited and controlled workflow within DocGenerator.</i>
Historical review	<i>DocGenerator retains a copy of all previous versions of the document, enabling review of previous versions. It can retain relevant manual edits in cases where the source system issues a trade amendment.</i>
Selective distribution	<i>Financial trade-related documents can be set for automatic dispatch via email, fax or electronic messaging in formats including HTML, ASCII, Postscript, PDF (Acrobat), XML, FpML or RJE (SWIFT format). Other transactions may require additional approvals or manual modification.</i>
Document imaging & bar-coding	<i>Inbound documents are processed to check for signatures and markups and to compare to existing records for trade matching. The utilization of bar codes in the Scrittura document generation process ensures accurate variable matching.</i>
Bulk signature	<i>This module enables authorized users to quickly review a group of events and apply appropriate electronic signatures en masse.</i>

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.

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