



Geneva® Workflow Manager

Much of Geneva's value is its ability to increase your operational efficiency, thereby reducing costs and risk. The Geneva® Workflow Manager takes operational efficiency to a new level. It automates and manages your Geneva workflow processes through efficient integration of data and applications. Interfaces are less costly to build and maintain. Manual side processes are eliminated. Workflow is streamlined. The results are

- faster integration deployment
- greater operational efficiency
- lower operational risk

This new module (formerly referred to as Oakville), is available for purchase when you upgrade to Geneva 6.0. Workflow Manager gives you absolute control over all your integration and business process activities.

Integration

Every Geneva implementation requires integration with various data sources and other applications. Workflow Manager is designed to efficiently manage each client's unique data flow requirements through the use of pre-built integration 'accelerators' that can be configured to mirror your workflow. An accelerator is group of packaged components that allow you to exchange data between Geneva and other applications.

Workflow Manager Accelerators include:

- Data transport-type adapters for receiving and sending messages to and from Geneva.
- Data transformation and mapping rules specific to Geneva's data schema.
- Business processing rules.

Each accelerator also comes with one or more pre-defined activities, which configure the components into commonly used business processes.

Example:

The FTID Accelerator has one pre-defined activity for importing prices for all securities in Geneva and another pre-defined activity for importing prices and descriptive information for a single security or group of securities specified by a user at run-time. Both of these activities use the same FTID Accelerator components, but they are configured for slightly different business process activities.

In addition, clients can create their own custom activities, using any of the accelerator components. Later this year, we will be delivering an accelerator for Advent Partner, Advent's partnership accounting product, and plans for building additional accelerators are underway.

Business Activity Monitoring and Exception Handling

Once you have defined and created your business activities, your staff needs a way to manage and monitor them. Activities can be scheduled either directly with Microsoft SQL Server scheduling tools or through any other scheduler application calling Workflow Manager's scheduling API. Workflow Manager provides business activity monitoring tools that let you see what activities are running and what, if any, errors have occurred. In any business process, there are often exceptions that require human intervention. Exceptions can be routed to specific users, repaired and re-processed, all from a single user interface.

Workflow Manager Technology Platform

Included with Workflow Manager is Microsoft BizTalk Server 2004, part of Microsoft's Windows Server suite. Leveraging Microsoft's technology, Workflow Manager is a robust business process management and application integration platform. We chose BizTalk Server 2004 because it provides

- A single, integration development environment
- Reusable integration services that allow for easier customization
- Ability to define, deploy, and manage internal and external business processes around integration
- Use of industry-standard technologies such as SOAP, XML, and web services
- Enterprise-class scalability and reliability

Workflow Manager takes operational efficiency to a new level to give you absolute control. Control over inevitable system changes. Control over costs. Control over your business.

Call your Geneva Sales Representative at **+44 20 7631 9240** to learn how Workflow Manager can transform your operation.

Accelerators available with the first release of Workflow Manager

FTID	Security pricing, descriptive data, splits & dividends, and Variable Rate Schedules
ACA	Advent Corporate Actions
Gainskeeper	Wash sales calculations and reporting
Moxy <i>Advent's order management system</i>	Import transactions and security changes, on a near real-time basis into Geneva, and extract tax lot and cash information from Geneva into Moxy.
Geneva Data Loader <i>Geneva Data Model Map</i>	Enables creation of custom business activities for loading data into Geneva (e.g. from Prime Brokers, internal systems, or data vendors).
Geneva Financial Data Extract <i>Key Financial Data Results Report</i>	Enables creation of custom business activities for exporting key financial data and results from Geneva (e.g. to Netik or other data warehouse systems, to internal systems or trading partners).

System Requirements

Workflow Manager includes licenses for:
Microsoft BizTalk Server 2004 Enterprise Version
Microsoft Visual Studio.NET Professional
Microsoft Office InfoPath

With the underlying BizTalk technology, a managed workflow or application integration interface can all be described, composed, and implemented by an orchestrated flow of structured XML documents and messages. These documents and messages are routed, transformed, and processed according to message content, formatting requirements, and business logic contingencies. Because there is no longer a requirement to write procedural code to access, map, and convert data formats, tightly coupled, coded interfaces between and among applications and information are effectively eliminated, along with their high costs of development and maintenance.

Additional Software Licenses Required:

Microsoft SQL Server 2000
Microsoft Windows 2000 Server or Windows Server 2003
(latter recommended)
Microsoft.NET Framework
Microsoft Visio (optional)

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