

Vignette® Process Workflow Modeler

Vignette Process Workflow Modeler is an intuitive and powerful graphical business process workflow application for designing, implementing and managing automated business processes.

Overview

Vignette Process Workflow Modeler is designed for any organization seeking to improve productivity, quality and collaboration by streamlining business processes and information flows. By making it easier to design and implement sophisticated, automated business processes, Vignette Process Workflow Modeler helps increase the responsiveness and agility of the enterprise, while improving the consistency and efficiency of business processes that can span organizational silos. This ultimately can drive real time operations, reduced cycle times, improved resource utilization and better business decisions.

Ease of Use

Feature

Graphical process modeling environment

Description

Graphical, visual interface allows users to logically map the flow of a particular process, including the execution of both program tasks and human tasks, with no coding required. Vignette Process Workflow Modeler leverages Microsoft Visio, one of the most popular graphical design tools allowing users to leverage their knowledge of Visio and the capabilities that Visio provides, such as the ability to drag and drop, zoom and print workflows. Vignette snaps into an existing installation of Microsoft Visio and provides a comprehensive “palette” of process workflow objects, for creating human and automated tasks, transitions, decision points, automated notifications, sub-workflows, and more.

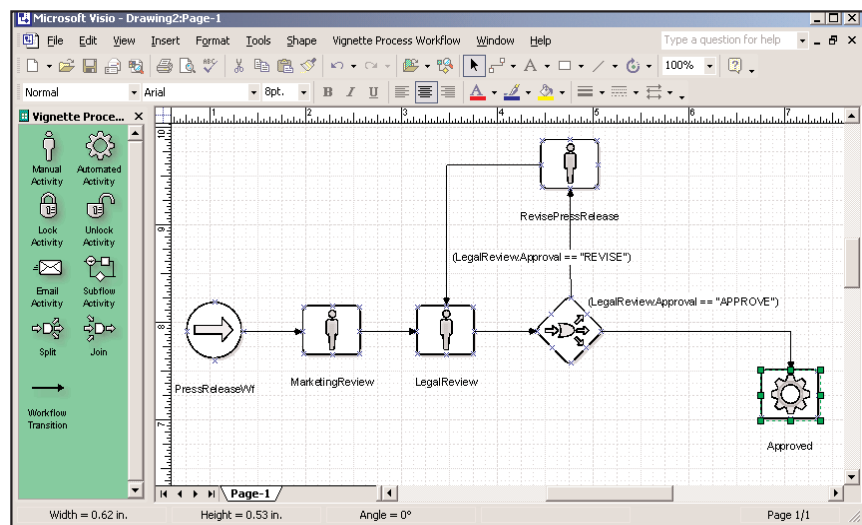


Figure 1: Easy-to-use graphical design environment

Ease of Use

Features	Description
Offline modeling	Process definitions can be defined and validated offline, and then leveraged with Vignette Content Management, providing flexibility for users to define and test workflows remotely. This also helps users to identify and correct errors earlier in the process of creating workflows, before they are incorporated into the system.
Real-time information	Define process workflows that retrieve user, group, role, content object, metadata and deployment information in real-time from the live Vignette system. Directly retrieve critical information from the roles-based content management application on demand, increasing the speed and accuracy with which workflow processes can be created.
Roles based management	Perform roles-based management and assign tasks to roles defined within the central collaboration environment, rather than to specific groups or individuals, providing the flexibility to accommodate changes within the organization quickly, and promotes the re-usability of approved business processes.
Built-in e-mail support	Graphically embed e-mail tasks into workflow out-of-the-box. E-mail tasks are useful for notification, escalation and routing of information throughout the organization

Process Intelligence (see Figure 2)

Features	Description
Conditional transitions	Allow the creation of decision points in the process where the workflow will be directed to one of multiple paths based on a specific condition. Conditions can involve many variables, including content metadata, timing, explicit instructions passed from a prior step (e.g., "approved"), content-type specific attributes and information returned from an integrated application.
Parallel routing	Create processes where two or more tasks can occur simultaneously. This allows multiple tasks such as reviews translations or other sub-processes to occur concurrently, rather than sequentially. Joining of two or more parallel paths can be dictated by a specific condition.
Escalation and exception handling	Identify and react intelligently to events such as process bottlenecks, deadlines, errors or rejection. Automatically re-route tasks, send alerts and status notifications.
Secure workflow	Apply access and update rights to workflow processes and payloads, which can be comprised of one or more managed objects, including documents, composite objects (e.g., a "product" containing text files, data from SAP, database records, etc.), taxonomies, workflow definitions, or even entire sites and channels.

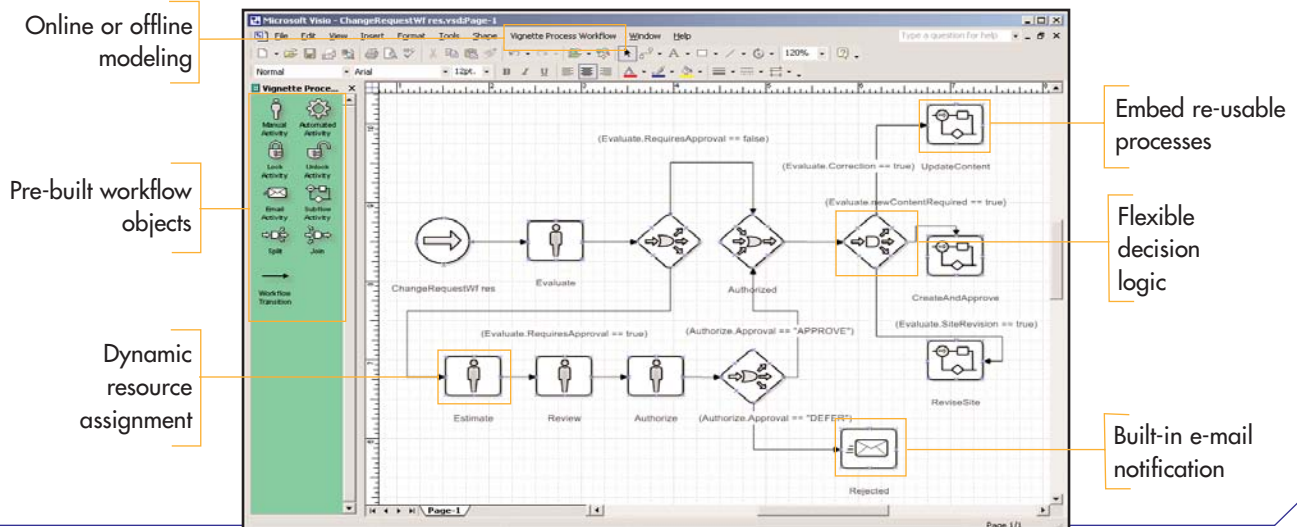


Figure 2: Powerful process modeling capabilities

Enterprise Workflow Design

Features	Description
Business process workflows	Incorporate business processes for the enterprise that include both event-based objects as well as roles-based user actions. These processes can govern the creation and management of virtually any type of content, the approval and deployment of content, interactions with other applications, and many other processes.
High-level process design	Design and conceptualize process definitions that map to overall business objectives – e.g., a product launch, a marketing campaign, etc. – to set deadlines for overall processes, and to include dependent sub-processes under this macro-level design. When combined with capabilities such as content integration, this allows organizations to span silos of both information and process, and to manage to real-world business objectives.
Enterprise-class workflow design	Able to create and modify workflows that include sub-workflows, spin-offs, splits, loops, flexible extensions, dynamic resource assignment and intelligent transitions.
Reusable workflows	Reuse workflow definitions for multiple initiatives or as part of larger, more complex or overarching processes. Processes can be assigned specific attributes (payloads, resources, etc.) at run-time rather than design time.
Dynamic resource assignment	Assign tasks to specific resources at the time of process definition or at run-time based on user/group/role settings. Promotes reuse of process definitions by allowing processes to be modeled conceptually, and then inherit specific characteristics as they are used.
Integrated multi-stage deployment management	Allow the process for staging and deploying content to be defined as part of the overall process definition, creating integrated end-to-end workflow process management.
Standards-based process definitions	Leverage standards-based XML process definition language (XPDL), the WfMC-sponsored, XML-based representation of business processes, to easily export and import process definitions to and from Vignette Content Management.

Unified Process Management for the Enterprise

Vignette Process Workflow Modeler can unify the management of Enterprise Web Applications by aligning with existing business processes that can be easily configured and modified for the constantly changing requirements. With Vignette Process Workflow Modeler, organizations can:

- Quickly create business process workflows that drive Enterprise Web Applications.
- Integrate information and processes across systems and repositories inside and outside the organization.
- Leverage standards based XML processes definition language (XPDL) and XML based representation of business processes to easily export and import process definitions to and from Vignette Content Management.
- Incorporate business processes to include both event-based objects and roles-based user interactions for the workflow processes.
- Create standard processes that can be leveraged by multiple applications.

Easy to Use and Fast to Deploy

Vignette Process Workflow Modeler enhances business user productivity with graphical, intuitive interfaces for managing business processes for the enterprise. With Vignette Process Workflow Modeler, organizations can enable their business users to:

- Manage and approve tasks based on roles that are incorporated with business objectives.
- Automate and control the streamlined business process workflow to maximize efficiency and consistency.
- Create and modify process workflows easily with drag and drop capabilities from a graphical, visual interface integrated with Microsoft Visio.
- Upload process definitions created while offline, allowing for flexibility of the business user.

Improve Business Performance and Agility

Vignette Process Workflow Modeler automates and adds intelligence to existing business processes and allows processes to be easily modified to improve business efficiency, drive continuous improvement, and better align processes with overall business objectives.

- Create and modify workflows that included enterprise workflow capabilities, shortening cycle times and increasing responsiveness to changes and demands.
- Allow for event timeouts and automate activity based on errors to correct and enforce continual business processes from delays.
- Apply access controls to any part of the workflow processes from the definition to any of the objects or tasks.
- Deliver alerts and notifications for defined objects or for delays or time limits that have expired.
- Reuse workflows to allow for quick deployment to meet business objectives.

Add-on Product Capabilities for Vignette Process Workflow Modeler

- **Content Services** – Capabilities to manage advanced taxonomy, search, deployment and multiple Web site and portal environments.
- **Integration Services** – Comprehensive capabilities to integrate unstructured, structured and transactional information from inside or outside the enterprise – defined through a graphical integration workbench. Predefined integrations to a variation of technologies and applications, for example, MQSeries, Lotus Notes, Artesia and SAP.
- **Process Services** – Monitor business processes in real-time, produce detailed reports that can provide greater visibility into enterprise operations, identify opportunities for process improvement, enhance individual and group productivity and increase enterprise performance.

- **Portal Services** – Create and manage Enterprise Web applications based on a state-of-the-art management console for virtually any size and complexity to Web site, portal, or devices. The Portal Services also enable business users to define and control the end-user experience by giving them the ability to define interactions, and manage implicit and explicit personalization rules.
- **Analysis Services** – Measure, analyze and react to the content management and content interactions processes. Analysis Services, like affinity reporting, make organizations smarter about communication, collaboration and commerce demands.
- **Collaboration Services** – Provide a collaboration environment, based on business processes to manage communication, dialogs and knowledge sharing inside and outside the enterprise, for marketing, sales and service purposes.
- **Developer Services** – Elegant and innovative developer services extend the power of the Vignette V7 Enterprise Service Foundation, while allowing developers to easily tailor the environment to specific needs within any service, yet still preserve the ability to upgrade as new functionality becomes available.

Summary

Vignette Process Workflow Modeler is an easy-to-use application for designing, implementing and managing business processes for Enterprise Web Applications. Vignette Process Workflow Modeler allows organizations to reduce cost and increase efficiency, agility, productivity and accountability, by providing a rapid way to define, standardize and unify business processes for the enterprise.

If you would like information about these and other Vignette solutions, please visit the Vignette Web site at www.vignette.com.

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