

Savvion BusinessManager™ Platform

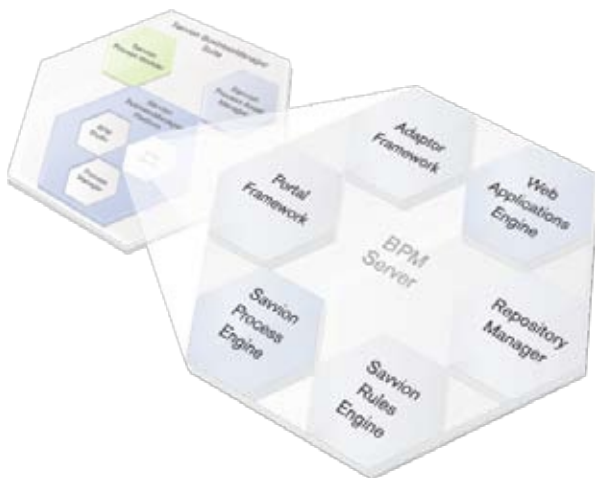
Savvion BPM Server™

Turn your process improvement ideas into running applications

Overview

The process execution and integration capabilities of Savvion BusinessManager are provided by the Savvion BPM Server. The independently scalable components that make up Savvion BPM Server enable you to execute processes created with Savvion Process Modeler and Savvion BPM Studio. Your processes contain your unique business logic, rules and policies—and Savvion BPM Server turns your process improvement ideas into running applications to move the business forward.

The Savvion BusinessManager Platform relies on the Savvion BPM Server to manage not only day to day transactions associated with running process-driven applications, but also the important ongoing change management issues critical to agility and continuous improvement. The Savvion BPM Server is comprised of six important components:



Savvion Process Engine

The Savvion Process Engine is Savvion BusinessManager's process execution and workflow engine. It not only ensures that people receive tasks relevant to their day to day work but also facilitates orchestration of system-to-system processes. Running in an independent Java application container from the other Savvion Engines enables the Savvion Process Engine to scale independently to meet the most stringent enterprise architecture requirements. Savvion BusinessManager process templates, designed in either Savvion Process Modeler or configured in Savvion BPM Studio, are managed by the Savvion Process Engine as running process driven applications. As a process is executed, the Savvion Process Engine generates events creating a complete audit trail of everything that happens during process execution.

Savvion Rules Engine

The Savvion Rules Engine processes events generated and managed by the Savvion Process Engine. Business rules—defined using wizards—embody event-condition-action paradigms which specify the actions that should take place if an event pattern occurs. Actions can include new events, alerts, personalized analytic report delivery, even automated corrective action such as starting escalation processes in the Savvion Process Engine. The Savvion Rules Engine, like all of the key server engines, can scale independently from the other components—this means more flexibility in designing powerful rules based processes.

Web Applications Engine

The Web Applications Engine enables the development and implementation of feature rich web-enabled workflow applications. These applications can embody complex logic, custom portal/end user screen rendering, and robust data-driven process management behaviors. The Web Applications Engine, like all of the components of the Savvion BusinessManager suite, is completely open and accessible via web services. Transaction management issues, concurrency, and other key scalability concerns are managed natively by the web server on which the engine runs.

Repository Manager

Savvion BusinessManager relies on a robust, open repository of rich business information collected from different modules of the suite. Repository Manager processes events and populates Savvion BusinessManager database tables. Data collected by Repository Manager is ultimately accessed and presented by the Portal Framework. It uses this information to prepare management reports that summarize the business intelligence and to monitor and control processes. Repository Manager captures all data without configuration including full audit trail data presented through the Savvion BPM Portal 's Forensic Auditing feature.

Managed Adapter Framework

The adapter framework enables technical developers to develop and leverage wizard-driven system integration adapters for use within Savvion BusinessManager. An adapter allows Savvion BusinessManager applications to invoke external Java classes residing on the Savvion Process Engine's application server (on both remote and local machines) to perform a task. Users can leverage common standards-based mechanisms for system API invocation for creating both synchronous and asynchronous integration adapters. A library of commonly used adapters ships as part of the Savvion BusinessManager Suite.

Portal Framework

The Portal Framework is comprised of two modules. The first module, SavvionHome, renders the end user portal experience which enables end users to complete tasks associated with Savvion BusinessManager process applications. The second, Savvion BusinessManager provides facilities for managers to query, report on, and control processes and system resources. It also enables Savvion BusinessManager administrators to modify configuration parameters, manage user/group access control, and install/uninstall Savvion BusinessManager process applications.

Enterprise Class Business Process Management

Savvion BusinessManager is a true 4 tier J2EE business process management suite. This means that you can be confident that the mission critical business-process driven applications you design will scale to your needs.

As an industry leader, Savvion is committed to helping our customers leverage their existing assets. Whether you have an

existing ERP, document management, or CRM system, Savvion's BusinessManager can help you get more out of those investments. Savvion supports .Net as well as other key Microsoft technologies, including Windows and Windows Server, SQL Server, Internet Explorer, Excel, Outlook, and Infopath.

SOA Ready

Savvion BusinessManager is designed for those pursuing Service Oriented Architecture (SOA) approaches in their businesses. Savvion BusinessManager publishes and subscribes Web Services that comply with industry standards including XML Schema 1.0, SOAP 1.1 and WSDL 1.1. Savvion also supports and delivers, with Savvion BusinessManager, a complete UDDI directory service. Savvion's Web services integration support includes robust testing facilities, including SOAP message testing. Savvion BusinessManager is best for the enterprise looking to extend its process solutions across functional boundaries as it supports W-S Security layers including username tokens, SAML, SOAP message encryption and digital signatures

Savvion is .NET Connected Certified. Savvion BusinessManager is fully interoperable with .NET based technology solutions.

Business Information Model

Deploy and share information business people can understand without sacrificing enterprise-caliber data architecture.

Savvion's business information model lets architects choose how key process information will be stored on a field by field basis. For mission-critical, sensitive information, external ODS support is available and totally reusable. For process-centric information or information that does not require in-depth backup and security, internal storage is quick, painless, and completely reusable. Regardless of storage choice, business people can browse complex data structures and reuse them in their process projects.

Savvion BPM Server Technical Matrix

Operating Systems

- Microsoft Windows 2000 Professional/Advanced SP4
- Microsoft Windows Server 2003 Standard/Enterprise
- Sun Solaris 9/10 (SPARC)
- IBM AIX 5.2/5.3
- Redhat Enterprise Linux AS 3.0

Application Servers

- Pramati 4.1 SP4
- WebLogic 8.1 SP5
- WebSphere 6.0.2
- WebSphere ND 6.0.2

Databases

- Oracle 9i (9.2.x) and 10g (10.2.x)
- Microsoft SQL Server 2000 SP4
- IBM DB2 8.2.x
- Sybase 12.5 LDAP
- Sun Java System Directory Server 5.2
- Microsoft Active directory
- Novell eDirectory Server 8.7.3 Java Standard:
- J2SDK1.4
- J2EE 1.3/1.4



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