Verax Workflow

Automate and track execution of business processes

Automate business processes for increased efficiency, error reduction and consistent performance.

Update business processes easily and enable incremental roll-out according to business needs through GUI-driven versioning, deployment and rollback.

Gain better visibility into business process performance through execution tracking and reporting.

Interconnect disparate systems using J2EE, XML, Web services and other industry standards.

Integrate with Verax BSS/OSS applications for building processes around IT automation, disaster recovery, provisioning and others.

Overview

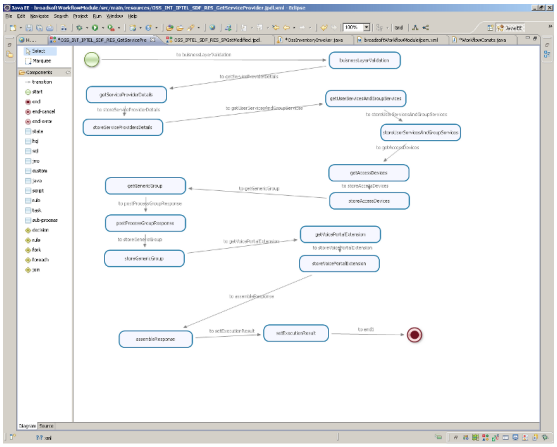
Verax Workflow is a complete BPM (Business Process Management) workflow system that supports business process based integration of systems and people into uniform, managed processes.
Designed for telco and IT services & applications, Verax Workflow allows service providers and enterprises to tie their applications and services into repeatable, consistent, end-to-end process flows.

Verax Workflow can integrate with a multitude of third party systems supporting service-oriented architectures and open standards (web services, XML, J2EE) as well as Verax OSS/BSS applications orchestrating processes such as application and network management automation, disaster recovery, service provisioning and others.

Workflow Engine

The workflow engine is based on the **industry standard jBPM engine** allowing to execute business processes defined by OMG BPMN 2.0 specification featuring:

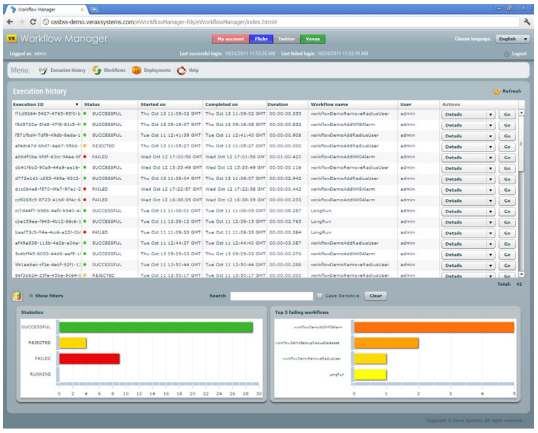
- Transaction integrity enforcement, restart awareness, rollbacks and checkpointing.
- Deployment of new rules, versioning and rollback capabilities.
- Execution of advanced business logic featuring conditional expressions, loops, parallel flows branching, sub-flow decomposition, rendezvous and more.



Workflow Manager

Verax Workflow Manager is a GUI front-end for controlling the Workflow Engine featuring:

- Detailed execution history for each workflow along with: status code (success, failure); execution start time and duration; input, output and exception data; detailed history of activities performed; detailed history of workflow variable changes.
- Management of deployed process modules (collection of workflows) including: deployment history, current versions, manual and scheduled execution, rollback and others.
- Strong security mechanisms including user execution context, access rights and privileges, audit and security log.



The workflow manager GUI has been built using Rich Internet Application for ease of use and high user experience.

Access to external, third party systems

Open (e.g. SOAP-based) third party systems can be accessed directly from workflows. Non-standard interfaces can be accessed via Java classes (requires a SDK) that can be bundled with processes & workflow packages.

Learn more

To learn more about Verax OSS/BSS Suite visit us at: **http://www.veraxsystems.com/**.

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