

TIBCO ActiveMatrix BPM

BENEFITS

RAPID AND EASY PROCESS DESIGN

Provides a 100% model-driven environment to simplify process design, shielding implementation complexity with a fast, collaborative, and iterative approach for creating, deploying, and testing process-based solutions.

SUPPORT FOR ALL STYLES OF PROCESSES IN A SINGLE SOLUTION

Handles your human and system integration processes, human workflows, dynamic and event-driven processes, case management, to-do lists, and approval processes in a single platform.

BUSINESS INDEPENDENCE

Alleviates IT involvement in day-to-day changes. Business users can adjust and change their operations immediately to take advantage of opportunities or avoid threats.

FOUNDATION OF INTEGRATION

Provides a native integration foundation for true business digitalization, allowing your data, people, processes, systems and things to be easily and seamlessly brought together to support new and innovative business initiatives. ActiveMatrix BPM provides BPM as a SOA application on a SOA platform to supply this integration and all the benefits of SOA.

TIBCO ActiveMatrix® BPM is a completely model-driven business process platform based on TIBCO's best-of-breed messaging and integration infrastructure. ActiveMatrix BPM provides the complete spectrum of business process styles—from human workflows to case management—as well as unprecedented scalability and performance to handle all of an enterprise's business process needs.

DIGITALIZE! DON'T JUST AUTOMATE

To apply innovation to your business operations and reinvent your value, don't just automate your existing processes, digitalize them to take advantage of new disruptive technologies and trends like Fast Data, the Internet of Things, consumerization of IT, mobility, and the event-driven enterprise. ActiveMatrix BPM provides processes flexible enough to react to the right business events in real time as well as support dynamic work delivery, ad hoc activities, elastic organizations, and dynamic process invocation so you can truly digitalize your business, not just automate it.

BUSINESS FRIENDLY WITH ENTERPRISE STRENGTH

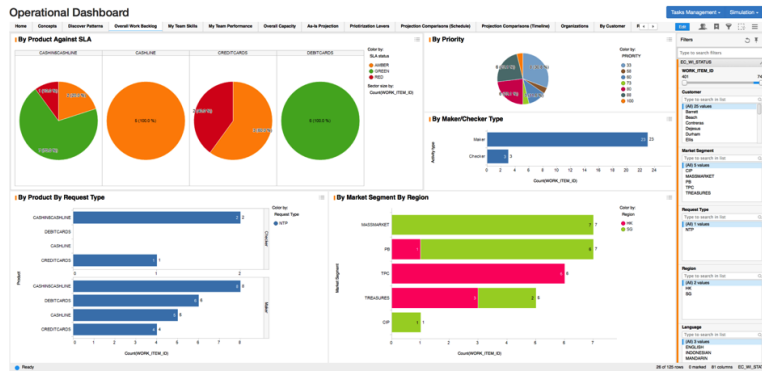
Why wouldn't your core business process solutions meet the same stringent security, performance, reliability, scalability, and availability requirements as any of your other mission-critical applications?

ActiveMatrix BPM was designed to provide a flexible, intuitive, and business friendly solution with the industrial strength necessary to meet the demanding technical standards required for mission-critical enterprise applications.

EMPOWERING THE BUSINESS:

ActiveMatrix BPM unleashes your workforce's full potential with its Intelligent Work and Resource Management (IWRM)—a combination of organizational transparency and flexibility, dynamic calendars, model-driven process patterns, diverse work delivery methods, skills-based routing, and interactive business intelligence. These capabilities can be mixed and matched to achieve your business goals and introduce entirely new ways to drive innovation and business transformation.

TIBCO Intelligent Work & Resources Management Dashboard



FEATURES

FLEXIBLE AND INDEPENDENT ORGANIZATIONAL MODELS:

Organizational models allow business managers to change their organization's structure and the roles, groups, skills, and privileges of their people, which have an immediate effect on active process instances and work availability.

ELASTIC ORGANIZATIONS:

Organizational structures can expand and contract regularly, such as retail branches. A business process can resolve which branch it is destined for at runtime.

PROCESS PATTERNS:

Built-in model-driven support for common business patterns decreases process design time and eliminates the need for complex code or rules.

GLOBAL DATA FOR CASE MANAGEMENT:

A global data repository holds data independently from the business processes that interact with it. Business objects, sometimes referred to as cases, become the central focus, not the prescriptive end-to-end process flow.

AD HOC ACTIVITIES:

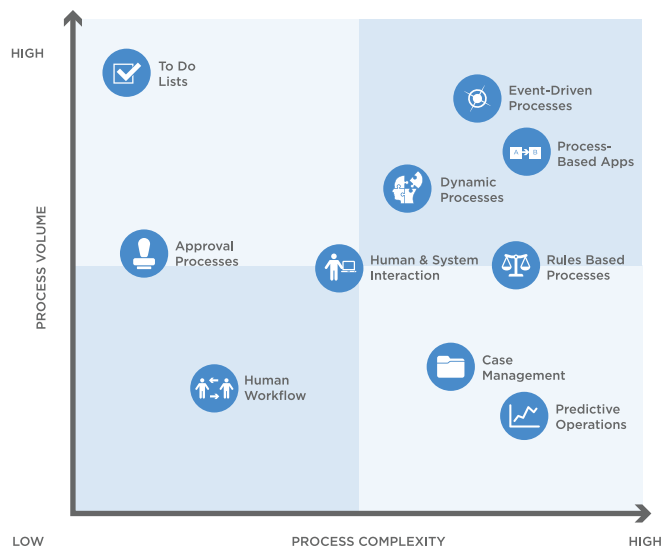
Ad hoc activities can extend or alter processes by allowing tasks or sub-processes unattached to a process flow to be activated after business preconditions are met. These activities can be activated manually or automatically.

ENTERPRISE MISSION CRITICAL STANDARDS:

ActiveMatrix BPM provides true active-active clustering, horizontal and vertical scaling, as well as enterprise level reliability. It can easily scale from departmental installations to tens of thousands of users running thousands of different types of processes in parallel and provide five nines uptime (99.999% availability = 5 minutes of downtime per year).

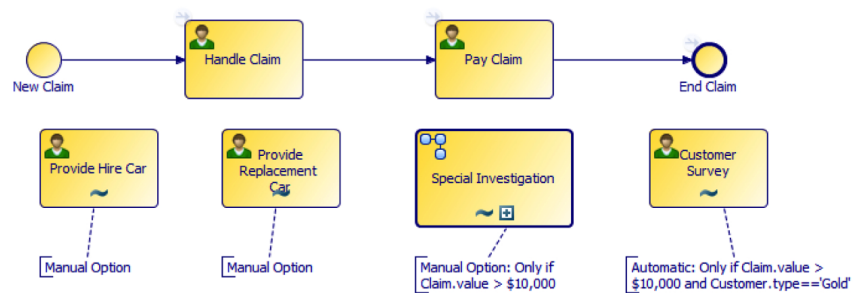
THE COMPLETE SPECTRUM OF PROCESS STYLES IN A SINGLE SOLUTION

The ways in which businesses operate have evolved, causing the development of several styles of automated processes to better address the changing business needs. ActiveMatrix BPM provides unparalleled flexibility in many areas of process design and implementation that allows it to cover the complete spectrum of process styles in a single business process platform.



PROCESSES THAT CONFORM TO BUSINESS REQUIREMENTS, NOT THE BPMS

With its completely model-driven design-time environment, TIBCO Business Studio™, ActiveMatrix BPM accommodates the full spectrum of business process styles, requirements, and use cases.



SUPPORTED PLATFORMS AND STANDARDS

OPERATING SYSTEMS

- CentOS
 - 5.9, 5.x, 6.4, 6.x 64-bit on x86-64
- HP HP-UX
 - 11i v3 (B.11.31) 64-bit on Itanium
- IBM AIX
 - 6.1, 7.1 64-bit on pSeries
- Microsoft Windows Server
 - 2008, 2008 R2, 2008 R2 SP1, 2008 SP1, 2012, 2012 R2 64-bit on x86-64
- Novell SUSE Linux Enterprise Server
 - 11.1, 11.2, 11.x 64-bit on x86-64
- Oracle Enterprise Linux
 - 5.9, 5.x, 6.4, 6.x 64-bit on x86-64
- Oracle Solaris
 - 11 64-bit on SPARC
 - 11 64-bit on x86-64
- Red Hat Enterprise Linux Server
 - 5.9, 5.x, 6.3, 6.4, 6.x 64-bit on x86-64
- Sun Solaris
 - 10 64-bit on SPARC
 - 10 64-bit on x86-64

DATABASES

- IBM DB2 for Linux, Unix, and Windows
 - 9.7.4 or later, Workgroup or higher edition
 - 10.5.3 or later, Workgroup or higher edition
- Microsoft SQL Server 2008 R2, 2012, 2014 LQL
 - 2008 R2, 2012, or 2014 – (64-bit) Standard or higher edition
- Oracle Database 11g
 - 11.2.0.2 or later – (64-bit) Standard or higher edition, with or without Oracle Real Application Clusters (RAC)
- Oracle Database 12c
 - 12.1.0.2 or later— (64-bit) Standard or higher edition, with or without Oracle Real Application Clusters (RAC)

ATTRIBUTES AND CAPABILITIES

COMPOSE YOUR PROCESSES FOR CHANGE

To stay competitive in today's world, organizations must proactively prepare their businesses for rapid change and innovation. ActiveMatrix BPM lets you compose your business processes for change rather than follow a prescriptive predefined path, allowing both people and systems to compose and arrange the best process for the current situation on-the-fly. This is achieved by combining dynamically invoked processes, ad hoc activities, independent work routing and distribution, and event-driven processes.

GLOBAL DATA AND CASE MANAGEMENT

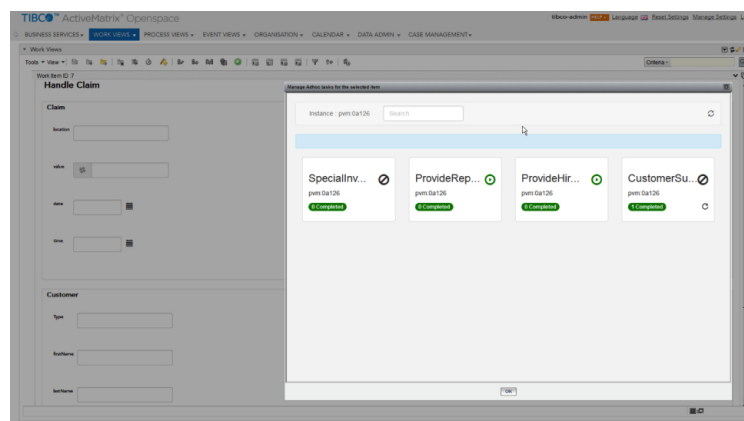
A global data repository can be modeled in TIBCO Business Studio, which is then created and administered by ActiveMatrix BPM. Global and case data is stored independently of the business processes that interact with it, allowing it to maintain a different lifecycle and separate audit trail from those processes.

The global data repository is easily accessible and is not obscured. It is available to be read by any analytics or reporting tool, as well as through the ActiveMatrix BPM APIs (REST and web service), and through a collection of create, read, update, delete (CRUD) web services automatically produced and maintained by ActiveMatrix BPM. This allows operating on business objects, sometimes referred to as cases, to become the central focus.

Global and case data is combined with out-of-the-box ad hoc activities, dynamic routing and process invocation, case states and actions, and case document integration, providing a full-featured case management solution for your enterprise.

AD HOC ACTIVITIES

Ad hoc activities can extend or alter processes or cases by allowing tasks or sub-processes unattached to a process' defined flow to be activated after business preconditions are met. For example, a claim is over \$10,000 and is for a Gold level client. This allows knowledge workers or external events to activate activities on the fly—of course within the defined high-level business rules and regulations. ActiveMatrix BPM can also automatically activate these activities upon meeting the specified preconditions.



SUPPORTED PLATFORMS AND STANDARDS

WEB BROWSERS

- Apple Safari 6.0.x, 7.0.x
 - Only the 64-bit variant is supported on Apple Mac OS X
- Google Chrome 32.0.x, 37.0.x
 - Both 32-bit and 64-bit variants
- Microsoft Internet Explorer 8.0.x, 9.0.x, 10.0.x, 11.0.x
 - On 64-bit Windows platforms both 32-bit and 64-bit variants are supported
- Mozilla Firefox 26.0.x, 32.0.x

STANDARDS

- BPMN 2.0 AND 1.2
- CMIS
- JavaScript
- UML
- XPDL

LANGUAGE LOCALIZATIONS

- Chinese
- English
- French
- French (Canadian)
- German
- Japanese
- Portuguese
- Portuguese (Brazilian)
- Spanish
- Spanish (Latin American)
- Russian

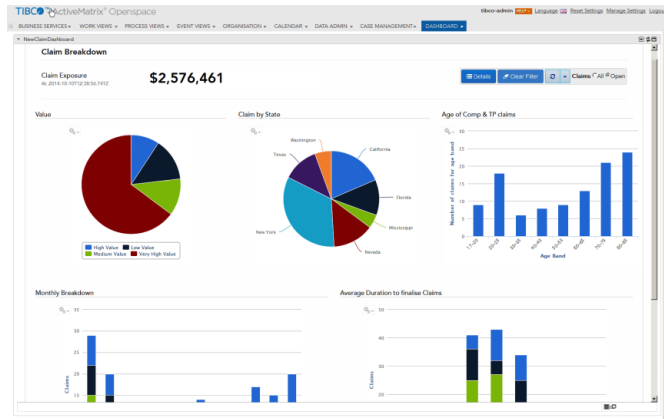
SUPPORTED INTEGRATED SINGLE SIGN ON

- Kerberos for Integrated Windows Authentication (IWA)
- Siteminder

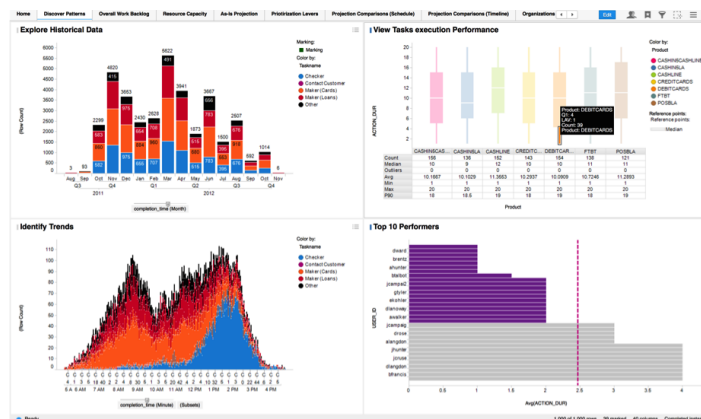
BPM ANALYTICS = REPORTING + BUSINESS INTELLIGENCE

Reporting is for when you already know the questions you want answers to, while Business Intelligence is for uncovering insights, predictive views, and the questions you want answered. Depending where you are in your business digitalization journey, reporting, business intelligence, or both will be most appropriate.

With the introduction of TIBCO JasperReports® for ActiveMatrix® BPM out-of-the-box process reporting dashboards based on ActiveMatrix BPM statistical, case, and global data are available to all process users and managers through the ActiveMatrix BPM OpenSpace client or directly through a web browser.



The new TIBCO JasperReports for ActiveMatrix BPM takes the reporting aspect of BPM analytics and makes it available to all. It does not replace ActiveMatrix BPM Spotfire for business intelligence activities or actionable insights.



More specialized activities with immediate actionable insights, such as predictive work loads and distribution forecasts, or predictive service level agreement (SLA) management analytics and prioritization dashboards would still be provided by ActiveMatrix BPM Spotfire.

BUSINESS FRIENDLY

ONE MODEL, MULTIPLE CHANNELS

Design user forms and interface functionality once and deploy it to multiple destinations. The same model automatically adapts to all of the selected user interface channels. User forms can be created automatically from the data definitions. They can conform exactly to the definitions, be completely custom, or anywhere in between.

SINGULAR INBOX

Many workers participate in more than one process in an enterprise. ActiveMatrix BPM provides different views and information in a single inbox or work list that these workers need for working across many processes.

ENTERPRISE STRENGTH

MULTI-TENANCY

ActiveMatrix BPM can provide processing isolation, resource isolation, and data isolation for multiple ActiveMatrix BPM systems within an ActiveMatrix installation. Multiple versions of ActiveMatrix BPM can be run simultaneously and upgraded separately. In a single installation, *tenant B* and *tenant C* do not need to upgrade ActiveMatrix BPM versions because *tenant A* wants to. The ActiveMatrix BPM TIBCO Silver[®] Fabric deployment module is used to provision private clouds within an enterprise.

PROCESS-BASED APPS

Process-based apps are applications built on top of processes to promote business agility and collaboration, present relative and contextual information, as well as provide document management and smart analytics. These process-based apps tend to be specialized for achieving a particular business use case.

FLEXIBLE USER INTERFACE AND API OPTIONS

ActiveMatrix BPM offers a broad range of user interface (UI) and API options to adjust to your environment and accommodate your requirements.

User Interfaces

OpenSpace is a gadget-based out-of-the-box client that has two variants to support additional UI use cases: Section 508 /WCAG 2.0 accessibility and a mobile-friendly presentation. WorkSpace is an AJAX-based out-of-the-box client with a more classic look and feel for office workers.

An embedded forms renderer gives your applications the flexibility and agility of a BPMS. ActiveMatrix BPM does all the forms rendering for your client, which allows UI changes to be quick and painless.

Custom control libraries can also be used in design and runtime. You can use popular control libraries to keep your corporate look and feel consistent.

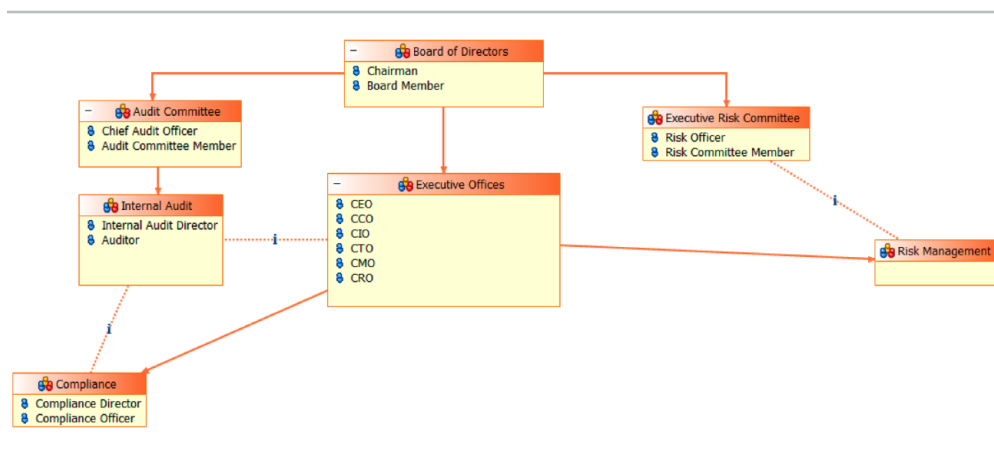
APIs

ActiveMatrix BPM is also accessible through its full-service REST API, Web services API, or Java Service Connector.

THE POWER OF THE ORGANIZATIONAL MODEL

Organizational models are a powerful and unique feature of ActiveMatrix BPM that allow business managers to change their organization with immediate effect. Organizational models support:

- Skills-based routing (For example, "I need someone who speaks French.")
- Privileges/Authorizations (For example, "I need someone who is HL7 certified.")
- Teams, virtual teams, and ad-hoc teams
- Roles
- Relationships
- Locations
- Holiday calendars and working hour sets for international organizations
- Elastic organization for expandable businesses



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