The latest version of TIBCO’s flagship integration platform provides next-generation enterprise integration capabilities.

Gaining or keeping a competitive edge in a rapidly changing market requires new business initiatives supported by fast deployment of new technologies. For many of these initiatives, integration delivers the key component—your data—making integration technology the foundation for:

- Onboarding of new applications and combining their features with proven services from existing applications
- Exposing services that engage customers in real-time conversations across all channels (web, mobile, social, and others)
- Empowering employees with increased awareness about the business, allowing them to make informed decisions

These initiatives create new requirements for integration because applications, systems, and devices are increasingly outside of the corporate firewall. And as data volume explodes, applications need to remain reliable, available, and scalable. Reducing costs and time-to-market are also still priorities.

ActiveMatrix BusinessWorks™ 6 meets all these needs. Building on the attributes that made it the enterprise integration leader (improved ease of use, easy connectivity, and enterprise readiness), version 6 adds simplicity of design, developer ease, and open APIs.

Benefits

- Move the Needle from Maintenance to Innovation
  Shift IT spend from maintenance to innovation with leading support for integration use cases that lower TCO.
- Reduce Time to Results
  Take advantage of highly productive environments and complete automation to ensure integration services can be developed and updated in record time, greatly reducing development and maintenance costs.
- Ensure Enterprise Readiness
  Maintain the quality of service expected for both tactical LOB and mission-critical integrations with fast connections to existing tools and processes and out-of-the-box reliability and scalability. The platform’s native monitoring tools can be integrated with your own enterprise monitoring tools.
- Lay the Foundation for Real-Time Information Architecture
  Support other components of the TIBCO Platform, such as master data management and event processing, to improve data quality, identify risks and opportunities, and take instant action.
- Future Proof Your Enterprise
  Onboard new technologies without building stove-piped architectures or disrupting existing systems.

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Agile Development
ActiveMatrix BusinessWorks 6 takes ease of use to the next level. The no-code graphical Eclipse IDE includes wizard-driven resource configuration. Connecting applications is as easy as dropping resources from a rich set of palettes into the integration window. Using the same environment, multi-operation services can be examined at a glance, designs can be debugged and enriched without stopping the debugger, and execution can be monitored. A web interface lets other developers discover and test REST services.

Integration processes and other components can be packaged as modules and reused to maintain consistency across the platform. Global variables ensure that configuration can be updated instantly at runtime, without redeploying or regenerating archives.

Easy to Connect, Easy to Consume
ActiveMatrix BusinessWorks 6 provides rich connectivity that lets developers integrate most of the applications and systems used inside and outside the firewall. Files, databases, TCP, messaging, SOAP, REST and many other protocols ensure applications can be integrated without requiring code modifications. The platform’s connectivity is enriched by a library of connectors for invoking the functionalities of on-premise or cloud applications, social networks, and operational technologies, while abstracting the complexities of their APIs. REST services can invoke any web API or can expose services that can be consumed by other applications or mobile devices.

Open and Extendable
ActiveMatrix BusinessWorks 6 exposes a complete API. Custom connectors and activities are implemented in standard Java and produce components that can be used in the same way as native components. The same API can be used to create a standard, long-lived set of custom components for reuse on future projects.

Enterprise-Ready
Operations teams can tie the platform to continuous integration infrastructures such as Maven or Jenkins via the rich set of scriptable commands and drastically reduce both time-to-results and costs through infrastructure and process reuse.

The architecture leverages technologies such as OSGi and an in-memory data grid. Using the rich set of commands or the web interface, you can initiate ActiveMatrix BusinessWorks 6 engines in seconds across as many machines as required. A browser-accessible user interface gives administrators visibility over the distributed architecture and allows operations teams to drill down to the details of each component. The distributed architecture can be made fault-tolerant and highly available through configuration, without additional hardware or software. When managed by TIBCO Silver® Fabric, ActiveMatrix BusinessWorks 6 becomes a totally elastic and automated platform that runs on pooled physical, virtual, and even cloud resources.