

TIBCO StreamBase Overview

Benefits

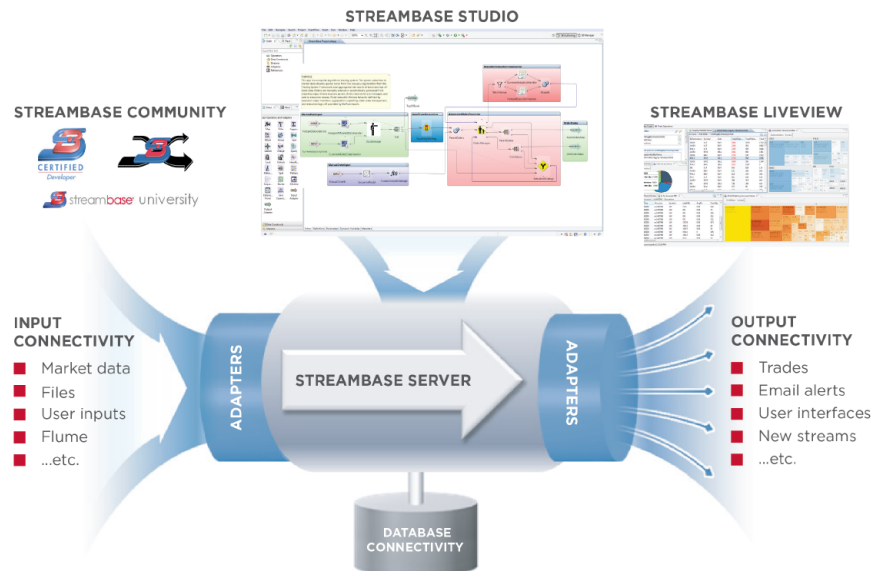
- Three to five times faster time-to-market for application development and deployment
- Increased developer productivity throughout all stages of the application development lifecycle
- Real-time responsiveness to changing market conditions
- Performance and scalability as data volumes increase in size and complexity
- Rapid integration with existing infrastructure and data sources

At a Glance:

The TIBCO StreamBase® event processing platform is a high-performance system for rapidly building applications that analyze and act on real-time streaming data. With StreamBase, organizations can rapidly build real-time systems in record time and deploy them at a fraction of the cost and risk of alternatives.

TIBCO StreamBase’s platform combines a visual application development environment, an ultra low-latency high-throughput event server, and over 150 pre-built connectivity and visualization options to real-time and historical data, including exchanges and liquidity providers, middleware, and numerous third-party applications.

Founded in 2003 at MIT, StreamBase was awarded the title of Technology Pioneer by the World Economic Forum for its leadership and innovation in event processing technology. In 2013, StreamBase was acquired by TIBCO, adding a wealth of connectivity to existing TIBCO products.



The core components of the StreamBase platform include StreamBase Studio, StreamBase Server, StreamBase LiveView, and 150+ pre-built connectivity options.

Attributes and Capabilities

TIBCO StreamBase's event processing platform is comprised of the following core components:

TIBCO StreamBase® Studio

A powerful Eclipse-based integrated development environment enabling developers to design real-time applications using the industry's first and only graphical event-flow language, StreamSQL EventFlow.

TIBCO StreamBase® Server

The deployment server of the StreamBase event processing platform. It is an ultra low-latency application server optimized for processing real-time streaming event data at high throughputs and low latency.

Connectivity

A collection of over 150 pre-built adapters and visualization options to a variety of real-time data feeds and messaging systems, high-capacity data stores, real-time interactive dashboards, and user front-ends.

TIBCO StreamBase LiveView®

TIBCO StreamBase LiveView is an application built on top of the StreamBase event processing platform, offering real-time analytics for live streaming data. StreamBase LiveView consumes data from streaming real-time data sources, creates an in-memory data warehouse, and provides push-based query results and alerts to end users.

Use Cases

Firms across multiple industries, from capital markets and intelligence to online gaming and eCommerce, use StreamBase to rapidly build and deploy applications for:

- Algorithmic trading
- Market data management
- Intelligence and surveillance
- Risk (pre & post-trade)
- Smart order routing
- Transaction cost analysis
- Pricing and analytics
- Multi-asset trading
- Fraud detection
- eCommerce
- Signal generation
- Network monitoring

Industry Recognition

Year after year StreamBase is recognized for its continued leadership and innovation in event processing technology. Below are a few examples.

- StreamBase Named World Economic Forum Technology Pioneer
- MIT Tech Review names StreamBase one of the 50 most innovative companies in the world
- StreamBase CEO Among Top Executives and Innovators in Financial Technology
- StreamBase CTO Named One of the World's Top Young Innovators by MIT Technology Review
- TIBCO StreamBase named Best CEP Solutions Provider by the readers of Waters Technology

The TIBCO StreamBase Community

The StreamBase Community is an ecosystem of programs designed to facilitate and expand the use of StreamBase around the world. It includes:

- The StreamBase Component Exchange, which enables StreamBase developers to download and distribute reusable components.
- StreamBase University, which provides students at qualified educational institutions with free access to StreamBase technologies.
- StreamBase Training and Certification, which provides StreamBase developers with the knowledge and skills required to successfully build event-driven applications.

Clients and Partners

TIBCO StreamBase clients and partners include buy- and sell- side firms, global exchanges, intelligence and security organizations, eCommerce and online gaming firms, technology providers, and more.

Below is what some of StreamBase's public clients and partners are saying about the platform.

Thompson Reuters

"The combination of StreamBase's market leading CEP engine together with Elektron will provide a platform for us to deliver flexible and sophisticated solutions to our customers faster and more efficiently."

— Mike Powell, Global Head of Enterprise RealTime Solutions, Thomson Reuters

BM&FBOVESPA

"StreamBase's high-performance multi-threaded event server and visual development studio enable us to rapidly roll out sophisticated models that react to changing market conditions."

— Marcio Castro, Chief Technology Officer, BM&FBOVESPA

CME Group

"StreamBase's high-performance multi-threaded server and easy to use modeling tools met our requirements and will enable the exchange to quickly react to the ever changing needs of our customers."

— Steve Goldman, Director, Enterprise Architecture, CME Group

SunGard

"The speed and flexibility of StreamBase's platform will help us efficiently enhance our systems and further streamline every point of the trade lifecycle for our customers."

— Raj Mahajan, President, SunGard's Trading Business

Platform, Standards, and Security

Connectivity Examples (e.g. Market Data, General Adapters, APIs, Databases, Visualization)

- ACTIV Financial
- Bloomberg
- FIX
- HotSpot
- Thomson Reuters
- JDBC
- JMS Publish/Subscribe
- CSV files
- HP Vertica Analytical Database
- MySQL
- Thomson Reuters Velocity Analytics
- C++
- Java
- .NET
- Adobe Flex
- Eclipse RCP
- Microsoft Excel
- Panopticon

Enterprise Functionality

- Clustering
- High availability
- Manageability
- Optimized for multi-core

Server Platforms

- Red Hat Enterprise Linux AS 4.0, 5.0, 6.0
- Novell SUSE Linux Enterprise Server 10
- Sun Solaris 10
- Windows Vista, Windows Server

Development Platform

- Mac OS X
- Red Hat AS/AP 4.0, 5.0, 6.0
- Windows XP, Windows Vista Business, Windows Server 2003, 2008, Windows

TIBCO Software Inc. (NASDAQ: TIBX) is a global leader in infrastructure and business intelligence software. Whether it's optimizing inventory, cross-selling products, or averting crisis before it happens, TIBCO uniquely delivers the *Two-Second Advantage*®— the ability to capture the right information at the right time and act on it preemptively for a competitive advantage. With a broad mix of innovative products and services, customers around the world trust TIBCO as their strategic technology partner. Learn more about TIBCO at www.tibco.com.



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