

Whitepaper

TIBCO PORTFOLIO



COMPANY MISSION AND VISION



Mission

Our mission is to connect people, systems, and ideas through smart integration and reliable data connectivity — creating digital experiences that empower businesses and inspire customer satisfaction.

Vision

Our vision is a world where intelligent technology and human creativity work in harmony — empowering organizations through AI-driven integration to innovate, evolve, and create experiences that truly delight their customers.

EXECUTIVE SUMMARY

Company Description

Behaim IT Solutions is a trusted technology partner specializing in TIBCO integration, automation, and data connectivity. With a deep understanding of enterprise ecosystems, we help organizations unify their applications, processes, and data through TIBCO's robust integration and messaging platforms. Our team combines technical mastery with a customer-first mindset, ensuring that every solution we deliver enhances efficiency, transparency, and long-term business value.

Products and Services

Our portfolio focuses on the full spectrum of TIBCO technologies – from system integration and messaging to documentation and cloud platform solutions. We design and implement TIBCO BusinessWorks architectures for seamless data orchestration, deploy TIBCO EMS for reliable messaging, and leverage TIBCO BusinessConnect to streamline B2B interactions. Through TIBCO Platform, DeveloperHub, FOS, and MCP servers, we provide end-to-end automation and operational visibility. Our MakeDoc solutions ensure that every integration is fully documented and auditable, empowering teams with clarity and control.

Market Analysis

The rise of AI and digital transformation is reshaping enterprise integration. As organizations adopt hybrid architectures and intelligent automation, the demand for TIBCO-based integration and event-driven platforms is rapidly increasing. Behaim IT Solutions bridges this evolution with deep expertise in TIBCO technologies, helping businesses harness AI-driven insights, streamline operations, and stay agile in an increasingly connected world.



WHAT WE DO



At Behaim IT Solutions, we help organizations connect, automate, and evolve through TIBCO technologies. Our services cover every stage of the integration journey – from design to deployment and continuous optimization

System Integration

We connect enterprise systems using TIBCO BusinessWorks, ensuring seamless data flow between applications like ERP, CRM, and cloud services.

Messaging

With TIBCO EMS and/or Kafka, we enable secure, real-time communication between business components to support stability and performance.

Partner Connectivity

Through TIBCO BusinessConnect, we automate interactions with partners, suppliers, and customers – boosting efficiency and visibility.

TIBCO Platform

Using TIBCO Platform we deliver scalable environments for deployment, monitoring, and lifecycle management.

AI

Enhance TIBCO technologies with artificial intelligence – bringing smarter automation and intelligent development tools to every stage of the integration lifecycle.

Documentation

With MakeDoc, we generate accurate, automated documentation and analysis that ensures transparency, traceability, and governance.

WHY CHOOSE US

01 Shared Responsibility

We treat every project as a partnership — sharing accountability and success with our clients from strategy to delivery.

02 Business Opportunities

As a valued TIBCO partner for many years, we work in close cooperation with TIBCO to help our clients uncover new efficiencies and revenue streams, turning integration into a true engine of growth.

03 New Ideas

We bring fresh, innovative thinking to every challenge — combining technical precision with creative problem-solving.

04 Collaboration

We believe the best results come from working closely together — aligning our team with yours to achieve lasting impact.

SYSTEM INTEGRATION

BW5/6/CE

We design, develop, and maintain integrations using TIBCO BusinessWorks, the cornerstone of enterprise connectivity. Whether working with **BW5** legacy environments, **BW6** for enhanced performance and modularity, or for **cloud-native** deployments, we ensure stability, scalability, and maintainability. Our approach emphasizes best practices in design, versioning, and DevOps automation — delivering integrations that evolve with your business.

Flogo

For lightweight and event-driven workloads, we use TIBCO Flogo, a fast, low-footprint framework for microservices and IoT. It offers rapid development and flexible deployment across on-premise and cloud environments, extending integration capabilities alongside BusinessWorks for a modern, agile architecture.

Migrations

Our team has extensive experience managing complex **migration projects** — from **BW5 to BW6**, from **on-premise to cloud**, or from **third-party platforms to TIBCO technologies**. We minimize risk through proven methodologies, automation tools, and phased transition strategies. Each migration is treated as an opportunity to modernize — improving performance, simplifying maintenance, cost savings and unlocking new integration capabilities.

FOS

Behaim ITS is highly experienced in implementing and maintaining TIBCO FOS (Framework Orchestrator Services) environments. We ensure stable, automated, and well-monitored operations across complex integration landscapes. Our expertise covers installation, configuration, and optimization of FOS components, enabling clients to achieve seamless orchestration, improved performance, and simplified management of their TIBCO infrastructure.

TIBCO PLATFORM

Overview

Behaim ITS provides comprehensive services around the **TIBCO Platform**, the unified environment for managing, deploying, and monitoring enterprise integrations. Our team supports clients through the entire lifecycle — from architecture design to ongoing operations — ensuring that each solution is reliable, secure, and optimized for performance. We help organizations harness the power of the TIBCO ecosystem to create an integrated digital backbone that supports continuous innovation and scalability.

Control & Data Plane

Our engineers are among the most experienced specialists in **TIBCO Control Plane** and **Data Plane** environments. We handle **installation, configuration, and optimization** for both on-premise and cloud deployments, ensuring stable communication between the control and data layers. Through close collaboration with TIBCO, we also **provide direct feedback** to improve platform performance, security, and new feature development. This continuous loop of experience and innovation allows us to deliver highly customized, resilient, and future-ready solutions tailored to client needs.

Developer Hub

Behaim contributes to the development and deployment of the **TIBCO Developer Hub**, helping clients centralize integration, monitoring, and documentation processes. We integrate **MakeDoc** to automatically generate accurate documentation and analysis from project metadata, improving transparency and compliance. This approach accelerates development and turns the Developer Hub into a true collaboration and knowledge-sharing platform.

MESSAGING

EMS

At *Behaim ITS* we have deep expertise with **TIBCO Enterprise Message Service (EMS)** — a robust messaging backbone that ensures reliable and secure communication across enterprise systems. As part of the broader TIBCO messaging suite, we are also experienced with **TIBCO FTL**, allowing us to design high-performance, low-latency messaging architectures tailored to business-critical environments. Beyond TIBCO-native solutions, we seamlessly integrate **other JMS-compliant platforms** such as RabbitMQ, Apache Artemis, and ActiveMQ, ensuring smooth interoperability with TIBCO BusinessWorks and other integration layers. To further enhance visibility and control, our team developed an internal Gems-like web-based tool, providing administrators with an intuitive interface to monitor, manage, and troubleshoot messaging flows — bringing efficiency and transparency to every integration landscape.

Kafka

We also bring significant experience with Apache Kafka and TIBCO Messaging for Kafka, supporting both open-source and enterprise-grade implementations. Our specialists have successfully integrated Kafka with TIBCO products, leveraging Confluent plugins for advanced capabilities such as schema management, connectors, and stream processing. This expertise allows us to design architectures that combine TIBCO's transactional reliability with Kafka's scalability and real-time analytics — enabling clients to handle high-throughput data pipelines and event-driven applications with confidence.

ARTIFICIAL INTELLIGENCE

MCP

At Behaim IT Solutions, we are extending the capabilities of **MCP servers** by embedding intelligence directly into operational and documentation workflows. Our **end-to-end (E2E) logging** solutions leverage AI-driven analysis to increase visibility across integrations, proactively detect anomalies, and significantly improve troubleshooting efficiency. In addition, we are developing an **AI-powered search module** within MakeDoc, enabling users to quickly locate relevant documentation, configurations, or service details through natural language queries. This combination of automation and intelligence transforms traditional monitoring into a proactive, insight-driven process.

Code Generator

As part of our innovation roadmap, we are developing a Code Generator — an advanced AI-assisted system capable of creating integration source code from natural language descriptions. This initiative combines our deep understanding of TIBCO technologies with modern large language models to accelerate development, reduce human error, and ensure consistent implementation patterns. The result is a powerful step toward intelligent automation, where ideas can evolve into functional, production-ready integrations faster and more reliably than ever before.

PARTNER CONNECTIVITY

Business Connect

Behaim IT Solutions delivers end-to-end solutions with TIBCO BusinessConnect, managing both on-premise and cloud deployments. Our team has extensive experience in designing and maintaining complete B2B infrastructures — from partner onboarding and secure channel setup to integration with BusinessWorks private processes. We ensure seamless data exchange between partners while maintaining compliance, performance, and reliability. Our proven know-how allows clients to automate partner communication with confidence and scale their digital collaboration effortlessly.

EDI

We are recognized experts in EDI standards and protocols, with deep knowledge of their correct usage, technical boundaries, and best practices. Behaim IT Solutions has implemented a specialized MCP server for EDI resources, enhancing monitoring and troubleshooting while providing unprecedented visibility into data flows. This intelligent EDI framework not only accelerates issue resolution but also elevates the entire B2B communication process to a new level of efficiency and transparency.

MFT

Behaim IT Solutions delivers secure and reliable file transfer solutions using TIBCO MFT, enabling automated, high-volume, and auditable data exchange across enterprise systems and partners.

DOCUMENTATION

MakeDoc

MakeDoc, developed by *Behaim IT Solutions*, transforms the way organizations manage integration documentation. It automatically extracts and compiles metadata from TIBCO BusinessWorks and TIBCO Platform environments into clear, up-to-date reports — eliminating manual effort and reducing human error.

By integrating directly with *TIBCO Developer Hub* or your pipelines, MakeDoc ensures that every change in your integration landscape is instantly reflected in the documentation. Searchable indexes, version tracking, and AI-driven insights make it easy to maintain governance, transparency, and technical accuracy across teams.

Benefits

Always up to date: Automated documentation keeps pace with system changes.

Increased efficiency: Saves engineering time and reduces maintenance costs.

Improved visibility: Delivers full transparency across integrations and dependencies.

Audit readiness: Ensures compliance with clear, consistent documentation.

Smarter collaboration: Integrates with Developer Hub for unified, searchable knowledge.

With MakeDoc, documentation becomes a living part of your integration process — accurate, intelligent, and effortlessly managed.

WHAT ELSE?

CI/CD

We design and implement CI/CD pipelines using various tools, applying proven best practices to automate build, test, and deployment processes. Our approach accelerates delivery, improves quality, and ensures consistent release management across TIBCO environments.

IaasC

Behaim IT Solutions uses Terraform, Helm, and Ansible to automate infrastructure provisioning and configuration for on-premise and cloud deployments. These technologies help us maintain stable, repeatable, and scalable TIBCO ecosystems while reducing operational overhead and human error.

Spotfire

We build end-to-end analytical solutions with TIBCO Spotfire, integrating data pipelines, visualization, and AI-driven insights. Supported by our in-house data scientists, we help clients make data-informed decisions with clarity and confidence.

Licenses

As a certified TIBCO partner, we provide license management, renewals, and expert support. Our close cooperation with TIBCO ensures clients receive up-to-date solutions, proactive maintenance, and personalized care throughout their system lifecycle.



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