

Whitepaper

OPEN-SOURCE 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 integration, automation, and data connectivity. With a deep understanding of enterprise ecosystems, we help organizations unify their applications, processes, and data through open-source 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 covers enterprise open-source technologies — from integration and messaging to container platforms, automation, identity management, and AI.

As a Red Hat partner, we design integration architectures using Apache Camel, Kafka, and Apache Artemis to enable reliable, event-driven communication. We build and operate scalable cloud-native platforms on Red Hat OpenShift.

We automate infrastructure and application lifecycle management with Ansible and OpenTofu, supporting Infrastructure as Code and DevOps practices. For security, we implement centralized identity and access management using Keycloak and open standards.

In AI, we support enterprise deployments with Red Hat AI and related open technologies, ensuring secure and production-ready operations.

Our services include architecture design, implementation, optimization, support, and knowledge transfer — delivering sustainable, long-term business value.



WHAT WE DO



Behaim ITS is a trusted Red Hat partner delivering enterprise-grade open source solutions that accelerate digital transformation. We help organizations modernize applications, automate operations, strengthen security, and adopt AI — all on stable, scalable, and vendor-neutral foundations.

Our expertise combines deep technical knowledge with business-driven architecture, ensuring measurable outcomes, lower operational risk, and long-term sustainability.

System Integration

We design cloud-native application architectures powered by Apache Camel, Flowable, Red Hat OpenShift, and messaging platforms such as Kafka and Apache Artemis. Our solutions enable seamless integration, scalable microservices, and resilient event-driven systems for mission-critical environments.

AI

We enable enterprise AI adoption with Red Hat AI, Unsloth, and OpenCode. From infrastructure design to model deployment, we help organizations integrate AI securely and efficiently into existing systems — without vendor lock-in.

Automation

We transform manual operations into automated, Infrastructure-as-Code environments using Ansible and OpenTofu. By standardizing deployments and automating lifecycle management, we reduce operational risk, lower costs, and accelerate time-to-market.

Security

Security is embedded in every solution we deliver. Using Keycloak and open standards like OAuth2 and OpenID Connect, we implement centralized identity and access management with secure authentication and Single Sign-On across distributed systems.

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 RedHat partner for many years, we work in close cooperation with RedHat 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

Apache Camel

We design, implement, and optimize integration solutions built on Apache Camel. We help organizations orchestrate data flows across applications, APIs, and legacy systems using scalable, maintainable integration patterns. From architecture design to performance tuning and long-term support, we deliver reliable integration platforms aligned with modern cloud-native and event-driven strategies.

Messaging

Behaim ITS helps organizations implement event-driven systems that ensure reliable communication, high throughput, and fault tolerance. We design and deliver resilient messaging architectures using Apache Kafka, Apache Artemis and RabbitMQ. From cluster design and deployment to monitoring and optimization, we provide secure, scalable messaging platforms for mission-critical workloads.

BPM

Business process management solutions powered by Flowable enable automation, orchestration, and optimization of enterprise workflows. We help organizations digitize processes, integrate human tasks with system orchestration, and gain operational transparency. From process design to deployment and continuous improvement, we deliver scalable BPM platforms that increase efficiency and control.

PLATFORM

OpenShift

We design and operate enterprise container platforms on Red Hat OpenShift. We help organizations modernize applications, adopt microservices architectures, and run workloads consistently across on-premise and cloud environments. From platform architecture and DevOps enablement to security hardening and ongoing operations, we deliver stable, scalable cloud-native foundations

Ansible Tower

Our certified engineers help organizations automate infrastructure, application deployment, and operational processes using Red Hat Ansible Automation Platform. We design automation strategies, implement Infrastructure as Code practices, and standardize lifecycle management. Our solutions reduce operational risk, improve consistency, and accelerate delivery across hybrid and multi-cloud environments.

Keycloak

Centralized identity and access management solutions using Keycloak establish secure authentication, Single Sign-On, and standards-based authorization across applications and APIs is something we are very familiar with. We design and implement centralized identity and access management solutions using Keycloak, help organizations establish secure authentication, Single Sign-On, and standards-based authorization across applications and APIs. From architecture design to integration and governance, we deliver scalable IAM platforms aligned with modern security and compliance requirements.

MESSAGING

Kafka

At Behaim ITS, we bring extensive expertise in designing and operating Apache Kafka as a core component of modern event-driven architectures. Kafka enables high-throughput, fault-tolerant data streaming across distributed systems, supporting real-time analytics, microservices communication, and large-scale data pipelines.

Our team delivers end-to-end Kafka solutions – from cluster architecture and security design to schema management, stream processing, and performance optimization. We integrate Kafka seamlessly with container platforms such as Red Hat OpenShift and enterprise integration layers including Apache Camel. This expertise allows us to build scalable, resilient streaming platforms that support mission-critical workloads while ensuring operational transparency, governance, and long-term sustainability.

Artemis

Behaim ITS has strong expertise in Apache Artemis as a reliable, standards-based messaging broker for enterprise environments. Artemis provides robust JMS-compliant messaging with guaranteed delivery, flexible routing, and high availability – making it ideal for transactional systems and hybrid integration scenarios.

Our services include architecture design, clustering, security hardening, and integration with platforms such as Red Hat OpenShift and Apache Camel. Artemis is often positioned alongside Kafka to support use cases requiring strict message ordering or transactional consistency.

The result is a stable, secure messaging backbone tailored to business-critical applications and long-term operational reliability.

ARTIFICIAL INTELLIGENCE

RedHat AI

Red Hat AI solutions enable organizations to deploy, scale, and operate AI workloads in secure, hybrid cloud environments. Behaim ITS delivers end-to-end implementation tailored to specific business needs — from infrastructure design and platform setup to model deployment and operational optimization.

Our expertise covers containerized AI workloads on Red Hat OpenShift, integration with existing data ecosystems, and governance aligned with enterprise security standards. The result is a production-ready AI environment that combines flexibility, scalability, and long-term sustainability without vendor lock-in.

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 Apache Camel technology 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.

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 environments.

IaasC

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

Licenses

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



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