

HEXAWARE

TIBCO BusinessWorks to Java Spring Boot Modernization

Solution and
Success Stories



Make your apps faster, simpler, and ready to scale with Java Spring Boot

With TIBCO BusinessWorks, you've been operating in an environment where legacy middleware slows momentum—driving up costs, increasing downtime risk, and stretching release cycles when speed is non-negotiable.

- Enterprises are achieving up to 50% faster time-to-market with microservices like Java Spring Boot, improving resilience.
- Cloud-native architecture reduces infrastructure overhead while enabling scalable, modern tooling.
- Transitioning to open source eliminates TIBCO licensing costs, reduces vendor dependency, and drives up to 50% TCO reduction.

This is where things change for you. You're no longer reacting to limitations—you're setting the pace.

Futureproof with Hexaware's Cloud Modernization

Build resilient, cloud-native systems that scale with your business
and accelerate innovation at every stage

What Changes for Apps with Java Spring Boot



Business Continuity & Reliability

Boost system uptime by up to **40%** with containerized microservices, minimizing downtime and revenue impact.



Scalable Architecture for Growth

Adapt to evolving business needs with flexible, resilient architectures—without disruptive re-engineering.



App Development Lifecycles

Accelerate development with standardized modern stacks and reusable frameworks, reducing effort by up to **30%**.



Comprehensive Business Outcomes

Businesses see:

- **50%** reduction in TCO
- **40%** improved system availability
- **50%** faster feature releases

How Hexaware Delivers TIBCO Modernization

Our proven framework for efficient modernization delivery



Discovery & Assessment

Gain a clear modernization blueprint—aligned current-to-future state architecture, optimized process flows, and a well-defined SOW for business outcomes.



Intake Mapping

See your processes translated into a microservices-ready design, with a validated future-state architecture and refined scope that sets up execution clarity.



Validation & Rollout

Move into production with confidence—supported by structured knowledge transfer, issue resolution frameworks, and deployment readiness.



Hypercare

Stay supported post-launch with hypercare—ensuring rapid issue resolution, system stability, and sustained performance as adoption scales.



AI-powered Code Transformation

Experience accelerated transformation with AI-powered Amaze®—automating code conversion, minimizing manual effort, and driving consistency at scale.



Client Success Stories

Modernization & Remediation for Banking

TIBCO BusinessWorks Apps to Java Spring Boot

We guided our client in simplifying a core process—fetching data, processing it, and writing it to files—and moved away from TIBCO to an open-source, cloud-native Java Spring Boot solution. This helped improve performance, scale more easily, and build a stronger foundation for future growth.

Solution

We adopted an AI automation-powered modernization approach using Amaze®, a replatforming suite designed for large-scale cloud migration across Java, .NET, and TIBCO environments.

- Assessed risks, costs, timelines, and dependencies, mapping 2 core processes, 32 subprocesses, and 181 activities.
- Replatformed TIBCO BusinessWorks into a Java-based, cloud-native architecture with reusable Spring Boot microservices and REST APIs .
- Modernized workflows end-to-end—including JMS-based integrations, events, connectors, and data mappings—while refactoring into modular applications.
- Secured, tested, and deployed at scale using OAuth 2.0, automated testing, containerization, and CI/CD pipelines on the cloud.

Financial Services

40%

Lower transformation
costs due to automation

50%

Faster migration
with Amaze®

50%

Reduction in
TCO for Apps

50% Reduced Implementation Costs on Moving from TIBCO BusinessWorks for Java Spring Boot

Our client looked to improve agility, resilience, and customer focus by modernizing a business-critical application. Their legacy TIBCO system—built over 12 years ago—had multiple integrations. We helped them transition to a lightweight, cloud-native approach, enabling better scalability and performance.

Solution

Our client adopted an automation-led modernization approach using Amaze® to replatform their TIBCO application into a cloud-native architecture using Java Spring Boot.

- Automated assessment for risks, costs, timelines, and dependencies to define the right modernization strategy.
- Replatformed TIBCO BusinessWorks into Java-based, reusable Spring Boot microservices with REST APIs.
- Modernized workflows end-to-end, including JMS messaging, events, connectors, and data mappings.
- Secured, tested, and deployed at scale using OAuth 2.0, automated testing, containerization, and CI/CD pipelines on the cloud.

Banking

40%
Faster
Time-to-market

50%
Reduction in
TCO for Apps

Modularized
Processes
into services

Amaze®-led Rapid Cloud Migration from TIBCO BusinessWorks On-premises Middleware

Our client aimed to reduce costs and accelerate delivery. A heavy reliance on TIBCO BusinessWorks and a monolithic architecture slowed releases and limited scalability. We enabled a low-risk, automated migration to OpenShift, preserving functionality and minimizing disruption.

Solution

Leveraging Amaze®—our automation-led application replatforming suite—we modernized the application to enable a scalable, cloud-native foundation through the following approach:

- Re-platformed TIBCO workloads to Java Spring Boot microservices on OpenShift.
- Accelerated migration with a 6-week roadmap, automating transformation of TIBCO artifacts into Spring Boot services.
- Decomposed monolithic orchestrations into RESTful services and replaced ESB flows with cloud-native REST and messaging patterns.
- Enabled resilient, scalable operations with containerization, Redis-backed state management, and automated CI/CD with integrated quality and security checks.

Financial Services

60%

Lower licensing
cost

80%

Faster
Assessment

10 weeks

Timeline for cloud
re-platforming

Amaze[®] for Cloud

AI Automation for Assessment
and Code Transformation



How Does Amaze® Accelerate Cloud Modernization?

For Infrastructure

For Application

For Middleware

For Data

TECHNOLOGY WE
HELP MODERNIZE



← ASSESSMENT →

- Transformation Readiness
- Transformation Type
- Transformation Complexity
- Transformation Effort

90%

Reduction in
SME time

<1
Week

To Target State
Architecture

60%

Cost & Effort
Savings

10x

Increase in
Success Rate

← TRANSFORMATION →

App / DB Transformation

AUTOMATION

70%

Transformed Cloud Ready Application (TCRA)

Replatform Database

Re-platform App

Re-platform Middleware

Refactor App

Tune TCRA &
Add Integrate

Test & Certify

Containerize Macro / Micro Services



Google Cloud



Microsoft
Azure



aws



Private cloud

Business
Benefits

- Zero BAU Impact – no disruption to business operations
- Monolith Decomposition Agility – faster releases and improved flexibility
- Futureproofed Tech Stack – reduced technical debt and lower costs
- Database Cost Optimization – lower licensing costs with open-source PostgreSQL



Get Started with Modernization-led Migration

Let's start the conversation.

Reach us today at marketing@hexaware.com
and discover how our expertise can accelerate
your AI-first cloud experience.

About Hexaware

Hexaware is a global technology and business process services company. Every day, Hexawarians wake up with a singular purpose: to create smiles through great people and technology. With this purpose gaining momentum, we are well on our way to realizing our vision of being the most loved digital transformation partner in the world. We also seek to protect the planet and build a better tomorrow for our customers, employees, partners, investors, and the communities in which we operate.

With offices across the world, we empower enterprises to realize digital transformation at scale and speed by partnering with them to build, transform, run, and optimize their technology and business processes.

Learn more about Hexaware at <https://www.hexaware.com>.

Get in touch