

AI-POWERED INTEGRATION PLATFORM MODERNIZATION FOR MICROSOFT AZURE

Leveraging automation and AI technologies to enable a seamless transition from Tibco to modern platforms

2025



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MARKET CONTEXT & CHALLENGES

Modernizing legacy Integration platform is no longer optional for organizations



FUTURE-PROOF THE BUSINESS



Legacy Integration Platforms lacks the flexibility to adapt to emerging technologies, maintain compliance, or capitalize on modern advancements. Microsoft Azure provides a next-generation Integration Platform powered by automation and AI, enabling businesses to meet evolving needs with agility and innovation.

OPTIMIZED CUSTOMER EXPIERENCE



Legacy integration platforms hinder seamless data exchange and personalized customer interactions. Migrating to Azure enhances customer experience by enabling faster, more efficient data flows and personalized engagement at scale.

HIGH COST OF MAINTENANCE



Maintaining legacy integration stack is costly due to outdated technology and limited expertise. Migrating to Azure offers cost-effective, scalable, and reliable solutions, reducing maintenance challenges and improving performance

ACCELERATE TIME-TO- REVENUE



Legacy Integration Platforms lack of in low-code and automation slows development. Migrating to Azure delivers faster, scalable integrations powered by automation & AI

COMPOSABILITY



Legacy Integration Platforms lack the flexibility and modularity needed for dynamic business needs. Azure migration enhances composability and scalability

COMPATIBILITY WITH MODERN SYSTEMS



Legacy Integration Platforms struggle with modern protocols, APIs, and SaaS apps. Migrating to Azure ensures seamless integration and future-ready compatibility

Yet many organizations are not inherently equipped to embark on modernization journey

The difficulties in migrating a platforms such as Tibco to Azure often arise due to a combination of technological, strategic, and organizational factors

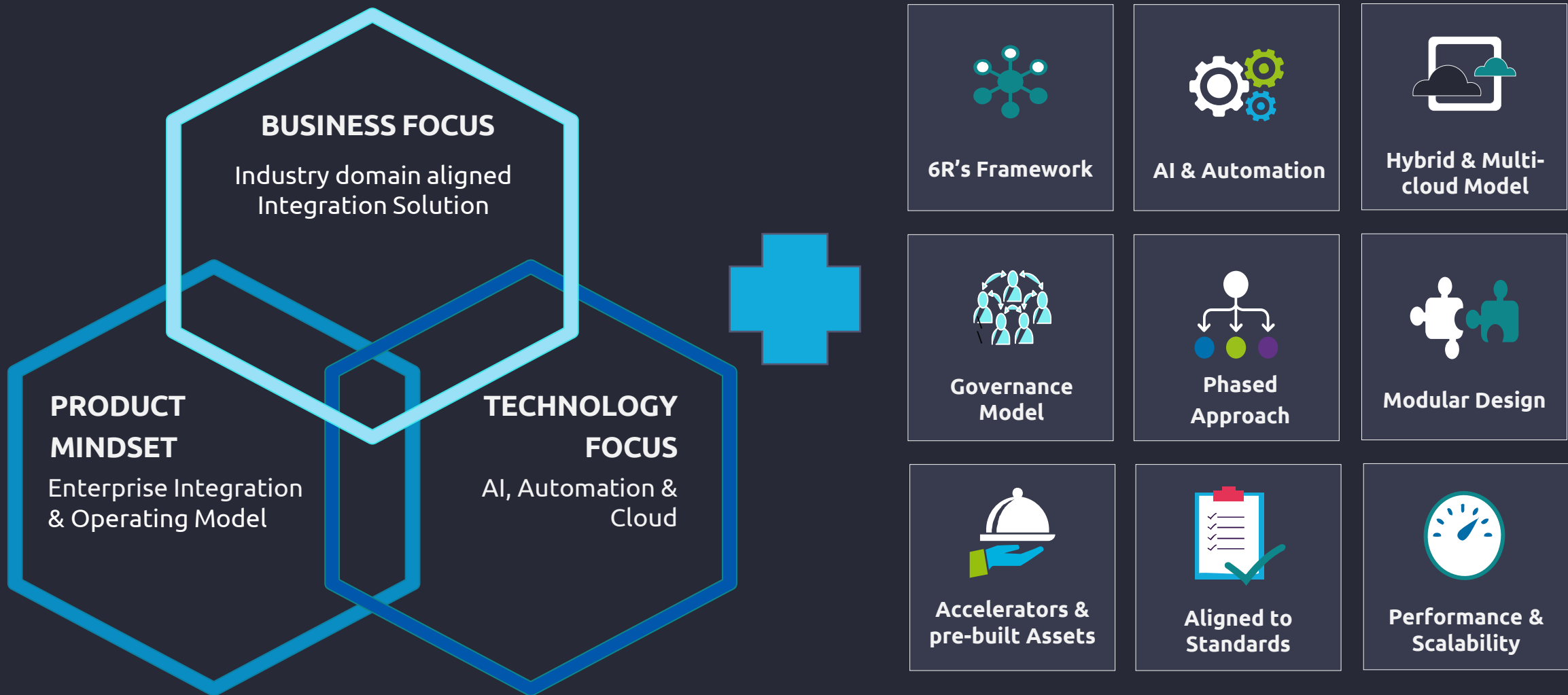


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OUR VALUE PROPOSITION & SOLUTION

Our approach to overcoming Integration modernization challenges

Achieving legacy integration platform to Azure modernization through a balanced approach of strategy, technology and alignment



Maximizing value through assets and AI in our holistic approach to Tibco integration to Azure modernization



Tibco Modernization to Azure Integration

STRATEGY & PORTFOLIO ASSESSMENT



- Business Objective & IT strategy Assessment
- Integration Portfolio Assessment
- Migration Approach following 6R's framework
- Governance Setup

DESIGN & PLANNING



- Detailed Integration /API Assessment
- Define Migration Plan & Migration Testing Strategy
- Define Target Architecture
- Conduct Proof Of Value (PoV)
- Setup DevOps

MIGRATION & TRANSFORMATION



- Setup Target Environments
- Migration Execution - leverage Capgemini assets for migration & testing
- Security Testing & Validation
- Rollback testing & Validation
- Cutover & Transition Execution

OPERATION & OPTIMIZATION



- Integration Application & platform monitoring
- Metrics and Data Gathering
- AI tools assistance in analysis & recommendations
- Refactor APIs / integrations and platform parameters

Proven methodology enabled with automation and tools

1 i-Migrate Assessment Module Leverage Gen AI to accelerate assessment

2 Leverage **Reference architecture, target operating model** templates

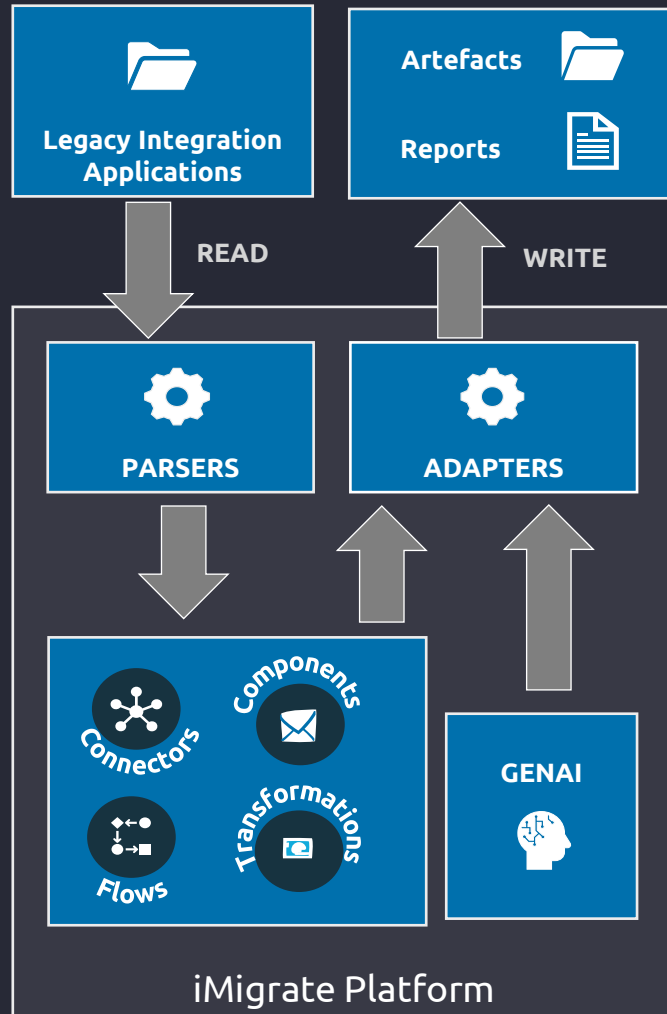
3 Capgemini **iMigrate Asset** for migration to Azure Integration Platform

4 Leverage Capgemini **AI Testing tool** for Migration Testing & Validation

5 Capgemini's **Integration DevOps toolset** for build, test and deployment automation

6 **Hybrid Dashboard** for Monitoring all the services in Azure & Tibco Integration

iMigrate - AI & Automation solution for migrating Integration platforms to Azure Integration Platform



WHY iMIGRATE?

- **Accelerated Migration:** Automates up to 70% of migration tasks that includes data mapping, integration flows and business rules.
- **Cost-Efficient:** Minimises code migration costs through intelligent automation and reusable assets
- **Future-Ready:** Enables seamless transition to scalable and composable architectures

SOLUTION OVERVIEW

- **Intelligent source parsers & target adapters** to automatically extract metadata, configurations, & integration logic from legacy application.
- **Generative AI component** for complex data transformations & mappings
- Supports EDI and A2A migrations

PLATFORM MIGRATION

- Microsoft BizTalk
- TIBCO BusinessWorks 5.x and 6.x
- MuleSoft Anypoint 4.x



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CASE STUDIES

TIBCO Mashery Migration to Azure APIM for a Leading Electrical Products Distributor Across Global Markets



Challenges

- The company required integration across different local business systems for global digital channels
- Lack of standardised integration platform for its digital business
- Need of global shared service to manage Integration platform for Build and run across
- Better agility and scalability to cater key Business demands

Solution

- Analyse **TIBCO** assets, dependencies, identify blockers, and assess cloud readiness using **iMigrate**
- **Azure APIM** is chosen for standardized approach to manage the IT landscape
- API exposure to internal and peripheral applications with no cost via **Azure APIM**

Business Benefits

- **Cost optimization** using unified platform and licence
- Achieve **50% service reusability, Improved ROI** through creation and reuse of framework, building blocks & service assets
- **No impact on GDPR** compliance and auditing due to re-use of **MS Azure platform**



API & Integration Value Chain

STRATEGY & PORTFOLIO ASSESSMENT

Enterprise Integration Strategy for Platform Migration & Portfolio Rationalization

DESIGN, PLANNING & PROOF OF VALUE

Design Blueprint with Reference Architecture, Migration plan, Operational strategy & Execution approach defined

MIGRATION & TRANSFORMATION

Modern Enterprise Integration Platform Build, Migrate & Transform services supporting 30 B2B and 22 B2C markets

OPERATION & OPTIMISATION

CoE Engagement with end-to-end platform observability, real time insights and optimisation of resources

TIBCO Platform Modernization for a Leading Global Workforce and Business Solutions Company



Challenges

- The Company has services for different Business groups spread across without a proper integration platform in place
- The Company needs to have integration of Recruitment, Sales, Account and Onboarding services

Solution

- Pub/Sub, Request/Response & Batch Processing integration patterns using [Azure Integration services](#)
- Common security platform used
- Automated deployment for [Azure Integration services](#)
- Event driven and real time transfer of data from database

Business Benefits

- Automated Candidate Onboarding and User Provisioning
- [40% faster delivery](#) for business requirements with C4E Model, standardisation & reuse
- Offered [Customer 360 view](#) & [Improved Customer Experience](#)



API & Integration Value Chain

STRATEGY & PORTFOLIO ASSESSMENT

Transforming business systems with Enterprise integration strategy to create adaptive Experiences reducing Complexity and improving Speed to value

DESIGN, PLANNING & PROOF OF VALUE

Design evolving migration plan for implementing best practices, eliminating point-to-point interfaces, reducing complexity, & wrapping legacy systems securely reducing risk

MIGRATION & TRANSFORMATION

Create a more responsive, agile organization with enterprise integration by connecting various external and internal systems with PeopleSoft

OPERATION & OPTIMISATION

Establish CoE & Optimize rock-solid connections with various external and internal systems with PeopleSoft



Planning your Success, Together

INTEGRATION DISCOVERY & STRATEGY	PRODUCT MVP	INTEGRATION FOUNDATION WITH QUICK WINS
Collaboration in due diligence of current state, defining enterprise integration migration strategy, target operating model & Integration platform selection to support your organizational goals	Integration solution & implementation with minimum but necessary features to validate the critical business or IT use cases i.e., key integration flows, viability of new product & its features to support Integration patterns & your platform migration	Strategic approach that focuses on laying the foundation for long-term, scalable integration platform while delivering immediate value through integration flows and APIs that validates the Integration foundation
4-6 WEEKS	4-12 WEEKS	4-8 WEEKS

OFFER SUPPORT & RESOURCES



**EXPERTISE TO SUPPORT
SALES TEAM**



**INDUSTRY EXPERIENCE &
TECHNOLOGY EXPERTISE**



**ACCELERATORS
& TOOLS**



**LEVERAGE OUR ALLIANCE &
PARTNERSHIP**

About Capgemini

Capgemini is an AI-powered global business and technology transformation partner, delivering tangible business value. We imagine the future of organizations and make it real with AI, technology and people. With our strong heritage of nearly 60 years, we are a responsible and diverse group of 420,000 team members in more than 50 countries. We deliver end-to-end services and solutions with our deep industry expertise and strong partner ecosystem, leveraging our capabilities across strategy, technology, design, engineering and business operations. The Group reported 2024 global revenues of €22.1 billion.

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