Modernize enterprise integration with **TIBCO to Azure Integration Migration**

Achieve seamless monitoring, assured security, and lower integration costs with an effortless migration to Azure Integration.

In modern enterprises, integration is the first step to making data ready and available for downstream innovation. That's why your integration platform makes a significant impact on every data initiative.

Legacy platforms like TIBCO are no longer relevant in today's dynamic world which requires effortless scalability, agility, security, and sentience in every layer of the technology stack. Integration is no exception.

Modernize your integration layer by migrating seamlessly from TIBCO to Azure Integration with Birlasoft. Attain boundless scalability and flexibility to handle peak loads, maximize security, and orchestrate integrations on autopilot with a cloud-first integration platform.

Reasons to move away from TIBCO Integration

It is cumbersome

- Building connectors can be unintuitive and time-consuming.
- Causes performance and scalability issues with larger data volumes.
- Complex integration flows extend project timelines.

It is costly

- High upfront costs of licenses and on-premises infrastructure investments.
- Customization and complex implementation incur consulting costs.
- Specialized skill sets for support and maintenance add to ongoing expenses.
- Investments in complementary tools are needed to achieve full functionality.

It is difficult to manage

- Ensuring security and compliance can be challenging and costly.
- Different caching strategies may complicate system performance.
- Cost management can become difficult in complex environments.

Azure Integration offers a modern set of tools and services for connecting data, apps, and digital systems across cloud and on-prem infrastructure. It is a cloud-first platform that eases the integration experience and lowers the cost of building and managing performant, reliable, and secure connectors at scale.

Azure iPaaS leverages components like Azure Service Bus, Azure Blob Storage, and Azure Functions to provide secure, scalable, and flexible integration capabilities that enable seamless connectivity between on-premise systems and cloud services. This optimizes data flow and reduces operational complexity, making Azure Integration an ideal solution for enterprises looking to bring agility to their integration layer.

Azure iPaaS Integration Archtiecture
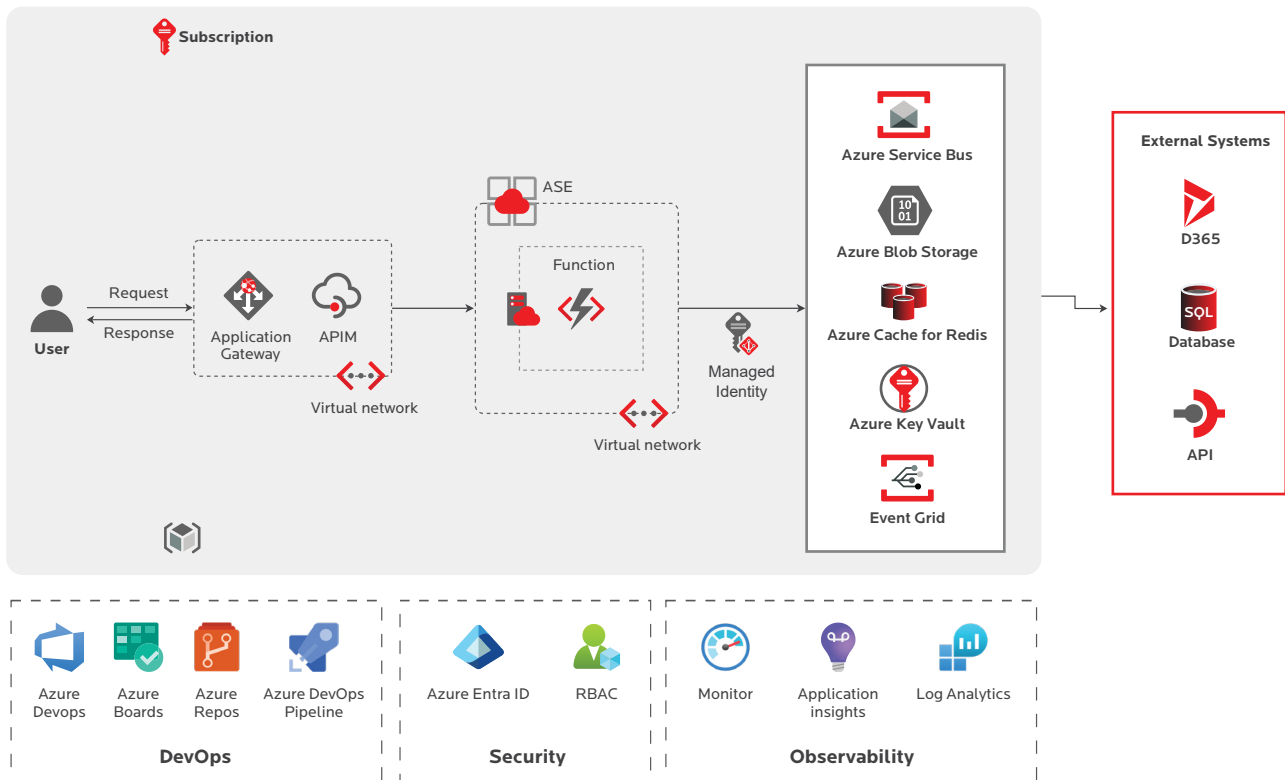
Upsides of migrating to Azure Integration

01 **It is fully managed**

Azure offers a fully managed integration platform that streamlines operations and reduces manual intervention.

- Automates workflows using Azure Logic Apps, API Management, and Event Grid

- Built-in updates and auto-scaling reduce infrastructure management burden

- Extensive support and documentation lower dependency on specialized skills

- Enhances operational efficiency through easy-to-manage services

02 **It is less expensive**

Azure's pay-as-you-go model provides a more flexible, cost-effective solution.

- Scale expenses based on usage, eliminating upfront costs

- Lifecycle management reduces operational costs through automated data retention

- Built-in connectors minimize the need for additional tools

- Optimized resource use decreases manual oversight

03 **It is easier to secure than TIBCO**   Azure Integration has advanced security features to protect sensitive enterprise data.

- Encryption at rest and in transit, with built-in advanced threat protection
- Managed identities and OAuth API authentication eliminate manual key rotation
- Azure Key Vault securely stores passwords
- IP whitelisting ensures data and API security, reducing vulnerabilities

02 **It offers deep visibility**   Azure's monitoring tools deliver comprehensive real-time visibility into performance.

- Azure Monitor and Application Insights track application health and usage
- Set up alerts and troubleshoot issues quickly
- Centralized monitoring consolidates performance metrics across services
- Optimizes operations with actionable insights and proactive issue resolution

	Azure	TIBCO
Gateway	Azure Application Gateway	AWS API Gateway
API Management	APIM	Google Apigee
Business Logic	Function Apps	Process
Identity Management	Microsoft Entra ID	Configuration
Secrets	Azure Key Vault	Configuration
Logging	Application Insights	CLE Logs
Messaging	Service Bus Queue	JMS Queue
D365 Connection	Miscrosoft Dataverse	Dynamics 365 Connector
Connectors	1000+ Connectors	200+ Connectors

Challenges and considerations when moving from TIBCO to Azure Integration

1 Maintaining performance

- Differences in architecture between TIBCO and Azure may require optimization efforts to match performance levels.
- Meeting end-user expectations for speed and responsiveness can involve extensive reconfiguration and testing.

2 Load management

- Extensive performance testing is necessary to ensure the system can handle spikes in usage without degradation.
- Load balancing and autoscaling features in Azure must be correctly configured to meet fluctuating demands.

3 Complexity of existing integrations

- Migrating complex workflows and connections without disrupting business operations can be time-consuming.
- Some TIBCO components may lack direct Azure equivalents, and require alternative solutions.

4 Data migration and integrity

- Data migration requires careful planning to avoid data loss or inconsistency.
- Azure's data handling capabilities may need configuration adjustments for specific data types or volumes.

5 Security and compliance

Ensuring that the new environment adheres to security and compliance standards is essential.

- Reconfiguring security measures like authentication, encryption, and identity management must be done carefully.
- Organizations must ensure that their new system complies with industry regulations and internal policies.

TIBCO to Azure Integration Migration: How we do it

Assessment

Catalog existing TIBCO integrations, identifying connected systems and data types.

Understand migration needs and select suitable Azure services.

Define timelines, milestones, and rollback strategies.

Architecture design

Identify Azure services to replace TIBCO components.

Outline high-level architecture for Azure Integration Services and integration points with existing systems.

Setup Azure environment

Establish Azure subscriptions, resource groups, and key services.

Configure security, networking, and ID management.

Create development, testing, and production environments.

Development and app migration

Document existing workflows and test case scenarios.

Develop Azure components in phases and optimize performance.

Testing

Conduct unit, QA, and UAT testing with end users.

Perform load testing to ensure system reliability.

Cutover and go-live

Prepare a cutover plan and communicate it to end users.

Disable TIBCO integrations and enable Azure integrations.

Monitor performance, adjust configurations, and train the support team.

Establish a maintenance plan for ongoing support.

Why migrate to Azure Integration with Birlasoft

- Receive continuous support through each phase, from initial assessment to post-migration maintenance.

- Shrink your ongoing and capital expenses with the auto-scaling and pay-as-you-go model of Azure Integration.

- Strong experience across multiple projects enables us to deliver a seamless migration path with expert oversight.

- Future-proof your integration layer with Azure's cloud-first integration platform and Birlasoft's cloud proficiency.

- Tailored migration strategies ensure your business operations remain uninterrupted no matter how complex your TIBCO environment is.

Ready to **modernize your enterprise integration tooling?**

Our data engineering experts are ready to help you
migrate from TIBCO to Azure Integration.

Get in touch to start now.

Empowered by Innovation

Birlasoft combines the power of domain, enterprise, and digital technologies to reimagine business processes for customers and their ecosystem. Its consultative and design thinking approach makes societies more productive by helping customers run businesses. As part of the multibillion-dollar diversified CK Birla Group, Birlasoft with its 12,500+ professionals, is committed to continuing the Group's 161 year heritage of building sustainable communities.

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