



# Modernizing Deployment Practices using Azure DevOps for a Financial Services Company

## WHO WE ARE

“ UB Technology Innovations provides cloud data analytics for Azure infra, app migration, and modernization. Our team of certified cloud experts offers managed services, advisory services, licensing, and in-house training. As a Microsoft Power Platform delivery partner, we offer no/low-code solutions, virtual bots, RPA, and automation ”

## WHAT WE DO

- Data Integration & Migration
- Customized Reporting
- Independent Validation & Verification (IV&V)
- Operation Support and Monitoring
- Application Development
- Reporting Service



## THE CLIENT

The Client is a leading investment firm specializing in deep value, credit-intensive strategies, caters to endowments, foundations, pension funds, and other institutional investors. Their diverse portfolio spans distressed loans, corporate bonds, securitized assets, and more.



## CHALLENGES

While managing a diverse portfolio of internal and external web applications and APIs, our client encounters inefficiencies and risks due to their current manual deployment process. Reliant on Team Foundation Server (TFS) for version control and deploying via IIS instances spread across on-premises environments, their approach suffers from several limitations. Primarily, the manual nature introduces errors and consumes valuable time, hindering overall productivity. Additionally, maintaining consistent configurations across various environments proves challenging, while the absence of automated backups and rollbacks amplifies deployment risks. Addressing these critical issues would not only streamline their development life cycle but also ensure efficient and reliable deployments.



## SOLUTION

UB Technology Innovations Inc., with certified and experienced professionals in Azure DevOps service, streamlined the firm’s processes. We implemented a DevOps pipeline leveraging Azure DevOps and CI/CD practices:



- Continuous Integration (CI) Pipeline in Azure DevOps:
  - We propose automating the development process through a robust CI pipeline. When developers check in their code, the pipeline will automatically trigger builds and run tests. This ensures that the code adheres to quality standards before moving forward.
  - By streamlining the CI process, we reduce manual intervention and enhance collaboration among developers.
- Continuous Deployment (CD) Pipeline to IIS Servers:
  - Our CD pipeline will seamlessly deploy tested and validated projects to the IIS servers. This automation eliminates the need for manual deployment steps.
  - Configuration management becomes more straightforward as consistent settings can be maintained across different environments.
- Conflict Resolution:
  - Merging conflicts between individual developers' code can be challenging. With our CI/CD implementation, conflicts are addressed promptly, fostering smoother collaboration.
  - Developers can focus on writing code rather than dealing with manual deployment intricacies.



## SOLUTION BENEFITS

### Solution Benefits

1. Accelerated Time-to-Market: With automated CI/CD pipelines and streamlined processes, you can deploy new features and updates faster, reducing time-to-market and gaining a competitive edge.
2. Enhanced Productivity: Our DevOps practices foster collaboration between development and operations teams, boosting productivity and promoting a culture of innovation.
3. Optimized Resource Utilization: Efficient scalability and cost optimization in Azure lead to reduced resource wastage, maximizing your ROI and overall cost-effectiveness.
4. Higher Customer Satisfaction: Delivering high-quality software quickly and reliably means happier customers, increasing customer loyalty and retention.
5. Improved Security and Compliance: By implementing robust security measures and meeting compliance standards, you build customer trust and protect your brand reputation.
6. Real-time Insights for Decision-making: Gain real-time visibility into your Azure environment, allowing data-driven decisions and enabling you to seize new business opportunities.
7. Business Continuity and Reliability: Our 24/7 DevOps support ensures your Azure infrastructure runs smoothly, minimizes downtime, and ensures uninterrupted business operations.



## ABOUT US

UB Technology Innovations, Inc. (UBTI) is a leading global technology solution provider with more than 3 decades of experience across all industries, specializing in Capital Markets (Asset Management), Logistics and Healthcare. We are the preferred Microsoft Gold Certified partner backed by a world-class team of Microsoft Certified experts with rich experience in Azure Cloud Platform and Data Analytics.



**UB Technology Innovations, Inc.**  
2401 E Katella Ave, Suite 450  
Anaheim, CA 92806



[www.ubtiinc.com](http://www.ubtiinc.com)



[company/ubti](https://www.linkedin.com/company/ubti)



[info@ubtiinc.com](mailto:info@ubtiinc.com)



+1 (714) 912-1600



Connect us

