Azure DevOps Implementation for
a Leading Asset Management Company

CASE STUDY

About Client
A Leading Asset
Management Company

Industry
Financial Services

Service
Azure DevOps implementation

Business **Need**

The client wanted to implement Azure DevOps pipelines to address several essential requirements. These included:

- Implement Azure DevOps pipelines for continuous integration and continuous deployment
- Streamline development and deployment processes
- Improve team collaboration and transparency
- Enhance quality assurance and compliance
- Achieve greater operational scalability and flexibility
- Increase cost efficiency
- Accelerate innovation and reduce time-to-market
- Implement robust risk management and security measures

Business **Challenges**

The firm faced several challenges, including:

- Manual intervention required for application deployment
- Manual processes delaying the software development lifecycle
- Varied approaches used by different teams, causing confusion and conflicts
- Lack of automation in the development lifecycle, reducing efficiency
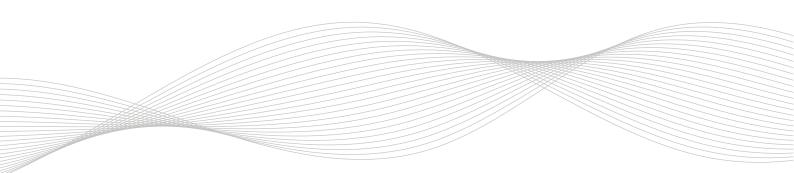- Difficulties in tracking changes, deployments, and versions without automation
- Challenges in managing code versions and ensuring developer alignment
- Issues in managing tasks and sprints without proper Azure Boards integration

Business **Solution**

NSEIT proposed an Azure DevOps implementation that included tools like Azure Boards, Repos, Pipelines, Artifacts, and Test Plans. The proposed benefits included:

- Proper development lifecycle with reduced time to market
- Prevention of manual errors and early detection of bugs
- Streamlined project management integrated with other DevOps components

Tech **Stack**

The customized Azure DevOps technology stack addressed the client's unique requirements, ensuring security, compliance, scalability, and efficiency while enabling rapid application development and deployment:

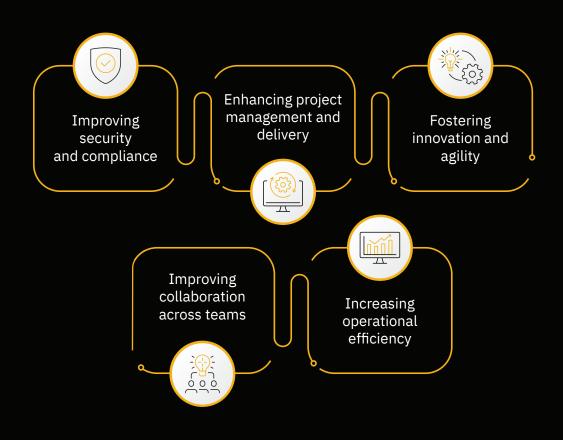|	
CI/CD	Azure DevOps - Azure Pipelines
Project Management	Azure DevOps - Azure Boards
Version Control	Azure DevOps - Azure Repos
Pipeline 1 Application	Salesforce
Pipeline 2 Application	Django Python

Project **Differentiator**

The project helped the firm achieve immediate objectives in CI/CD, reducing time to market, regulatory compliance, project management tools integrated into the software development lifecycle, early error detection in the development lifecycle, security, automation, scalability, and compliance. Additional benefits included:

◣ End-to-end automation with financial data integrity

◣ Continuous delivery with zero downtime

◣ Real-time monitoring and performance optimization

◣ Agile project management with a financial focus

◣ Cost optimization for financial operations

◣ Advanced integration with financial systems

Business **Impact**

The implementation of the NSEIT solution led to remarkable improvements:

Improving security and compliance

Enhancing project management and delivery

Fostering innovation and agility

Improving collaboration across teams
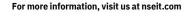
Increasing operational efficiency

Conclusion

Implementing Azure DevOps streamlined development, enhanced collaboration, and improved the organization's compliance. It addressed manual processes and inconsistent approaches, offering scalability, cost efficiency, and robust security. This led to faster time-to-market, better project management, and increased operational efficiency.

About **NSEIT**

NSEIT Limited is a digital native technology company that engineers world-class solutions to help our global customers accelerate their digital transformation journeys. Our key service pillars are Application Modernization, Business Transformation, Data Analytics, Infrastructure & Cloud Services, and Cybersecurity, through which we create intuitive digital experiences and tangible business impact. For over two decades, our innate drive for excellence has made us the partner of choice for global organizations. At NSEIT, we fuel digital progress.

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