

Optimizing IT operations with AIOps

BROCHURE



Our Solution

Our AIOps (**Artificial intelligence for IT operations**) solutions enable enterprises to aggregate big data, identify causes in operational performance and close the gaps to accelerate their digital transformation initiatives by automating and streamlining operational workflows.

Our solution framework consists of following engagements to deliver AIOps-driven business service health:

- Reduction of incidents and resolution time by separating unwanted events (noise) from alerts on major events
- Identification and remediation of root causes in real-time or near-real-time
- Replacement of error-prone, ad hoc processes across security, risk and IT teams
- Automation of vulnerability, security incident and risk management processes

Solution Framework

NSEIT provides platforms that leverage big data, collecting a variety of data from various IT operations tools and devices to automatically spot and react to issues in real-time, while still providing traditional historical analytics.



Performance
Analysis

1

Anomaly
Detection

2

Automation

3

IT Service
Management

4

Differentiators

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Advantages and **Value-adds**

With the help of our AIOps solutions, our clients have optimized the performance and stability of their core business applications as well as improved the visibility and predictability across their IT-infra and IT-security framework. Additionally, our solutions can be successfully deployed for:

- ▶ Developing comprehensive approach to network, data, and security management
- ▶ Collecting automated logs from across an IT infrastructure
- ▶ Quickly sorting and analyzing huge volumes of log data produced by pods
- ▶ Simplifying log analysis and correlation tasks

Solution Component - **AIOps Suite**

The AIOps solution offers most of the critical aspects of IT Operations such as Performance Analysis, Anomaly Detection, Event Correlation & Analysis, Automation and Service Management. There are three broad areas where AIOps Suite is critical:

- ▶ IT automation and configuration management (ITACM) within your Application Development Practice where DEV environment, Test Environment and Release Management are crucial
- ▶ IT operations management (ITOM) within your hosting environment where customer needs performance visibility and predictability for Application, Infrastructure and Security Events
- ▶ IT service management (ITSM) within your IT Services environment where customer is expecting Automation in Orchestration, Ticketing and Remediation



Application Development and Modernization

- Release and deployment management
- Testing and automation

ITASM

Performance Monitoring of Systems

- Application performance management
- Infrastructure and security management

ITOM

Automation of Service Desk

- Service orchestration
- Problem identification and remediation
- Ticketing and support

ITSM

Areas where AIOps can be applied

AIOPS Deliverables

1
Application performance tracking

2
Server performance monitoring

3
Real-time data analysis

4
Real-time data visualization

5
Centralized logging and alerting

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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