



# AIOPs & Observability

Turning data into action with AI-driven monitoring, analytics, and automation.



# Making the case

Today's digital environments are vast, dynamic, and constantly changing. Applications, users, and devices now span data centers, clouds, and remote locations, each creating a flood of data that's difficult to interpret in real time. Traditional monitoring tools can show what's happening, but they rarely reveal why it's happening or how to prevent it.

AIOps and Observability transforms this challenge into opportunity. By applying machine learning and advanced analytics to network and application telemetry, it surfaces the insights that matter most, identifying root causes, predicting performance issues, and even automating fixes before users are impacted.

For IT teams, this shift is game-changing. Instead of reacting to alerts, they can focus on optimizing performance, improving reliability, and delivering a consistently positive user experience.

As part of [StreamlineX](#), AIOps and Observability adds an intelligent layer of visibility and automation that helps IT teams see clearly across every network layer. This keeps environments secure, optimized, and AI-ready, enabling organizations to act faster and stay ahead of change.

## Our approach

We take a consultancy-first approach to AIOps and Observability, ensuring each deployment is tailored to your environment and aligned with your ITSM processes and business objectives.

### Assessment and Discovery



We start by reviewing your current visibility products, monitoring, and data collection capabilities. This helps us identify tool overlaps, data silos, and performance blind spots that limit proactive management.

### Design and Architecture Planning



Together, we design a unified observability framework, a single source of truth that brings Metrics, Events, Logs and Telemetry (MELT) from networks, applications, and users into one intelligent view.

### Data Integration and Correlation



We integrate diverse data sources, including flow, packet, log, and user experience metrics, enabling deep correlation and context across every layer of your infrastructure.



## AIOps Enablement



We apply machine learning and analytics to identify anomalies, predict performance degradation, and uncover root causes. Automated insights replace manual investigation, filtering noise to focus on what matters most and reducing mean time to resolution.

## Automation and Optimization



Using intelligent workflows, we automate repetitive tasks and everyday remediation actions. This keeps productivity high, reduces human error, and ensures your network adapts quickly to change.

## Continuous Improvement and Reporting



We deliver ongoing visibility through dynamic dashboards, trend analysis, and performance reporting, giving your teams the insight to refine and optimize operations continuously.



# Key Benefits

- Proactive detection and resolution of performance issues
- Automated workflows that reduce manual effort, human error and cost
- Unified visibility across network, cloud, and application environments
- Faster mean time to resolution (MTTR) through AI-driven insights
- Noise reduction and alert prioritization for focused operations
- Predictive analytics to prevent outages and optimize performance
- Actionable intelligence that improves decision-making
- Greater operational efficiency and productivity
- Consistently positive user experience and service reliability



## StreamlineX

AIOps and Observability is a cornerstone of StreamlineX, our framework for building networks that are secure, optimized, observable, and AI-ready. Adding intelligence and automation across every layer gives IT teams the power to predict issues, act faster, and continuously improve performance.

StreamlineX makes it easier to see clearly, secure confidently, and design boldly, keeping your network efficient, resilient, and ready for what's next.

Find out more about StreamlineX [here](#).



# Next steps

To get started with Teneo's AIOps & Observability, contact us to schedule a discussion today at [info@teneo.net](mailto:info@teneo.net).



## Purpose Beyond Profit

In working with Teneo, you are helping to improve the lives of a million children around the world. [Learn more](#)

## About Teneo

Most Network and Security teams are overworked so making progress is a challenge. We securely connect users to their applications by combining leading technology with expert guidance. You stay in control, simplify your operations and keep ahead of the game.

Find out more at [www.teneo.net](http://www.teneo.net).

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