

Solution Brief

NetApp Active IQ

Actionable intelligence for optimal data management

Key Benefits

- Prescriptive actions derived from predictive analytics help simplify and enrich your data management.
- Continuous risk assessments, predictive alerts, and automated case opening help you prevent problems before they occur.
- Data-driven advisors provide guidance to improve efficiency, protection, and upgrades.

When employees can spend less time managing infrastructure, they are free to engage in activities that have higher value. This is the vision for artificial intelligence (AI) in the storage industry, and it's happening today for NetApp® customers.

Overview

NetApp Active IQ® uses predictive analytics and community wisdom to simplify and enrich management of your NetApp infrastructure. Fueled by a massive and highly diverse installed base, Active IQ is relentlessly working in the background to uncover opportunities to proactively protect and optimize your environment. Its AI-derived actionable intelligence leads to reduced risk, smarter decisions, and faster business outcomes.

Predictive Analytics and Community Wisdom

In data science, volume, velocity, and variety matter. Each day, Active IQ receives telemetry data from more than 300,000 assets around the globe, adding to a multipetabyte data lake that processes 10 trillion data points each month. With NetApp systems supporting diverse use cases and customers, Active IQ has a rich set of data for machine learning and predictive analytics, leading to deeper insights.

Active IQ continuously assesses telemetry data, drawing on trillions of real-time and historical diagnostic records and known risk signatures to spot potential problems before they affect your business. Active IQ can also look across the community to identify trends and suggest ways to enhance the security and efficiency of your infrastructure.

Actionable Intelligence

Wisdom without action is useless. Active IQ provides its insights and recommendations in the format that works best for you. There's a web UI for full-featured visibility and guidance, a mobile app for on-the-go alerts and advice, and new API support that allows you to programmatically integrate Active IQ recommendations directly into your DevOps or change-management workflows. NetApp continues to integrate Active IQ insights and recommendations into other management products, such as Active IQ Unified Manager (formerly NetApp OnCommand® Unified Manager) and NetApp Cloud Insights.

Prescriptive Care and Optimization

Active IQ takes a prescriptive approach to protecting and optimizing NetApp systems. This approach enables you not only to address potential threats before they arise, but also to make smarter decisions about your storage for optimal data management. Continuous risk assessments, predictive alerts, and automated case opening help you uncover and prevent problems before they occur. Various advisors within Active IQ provide guidance to improve efficiency, performance, and protection, and to simplify upgrades. And when problems do arise, Elio—our virtual support assistant, powered by IBM Watson®—has rapid access to NetApp digital support assets to accelerate issue resolution.

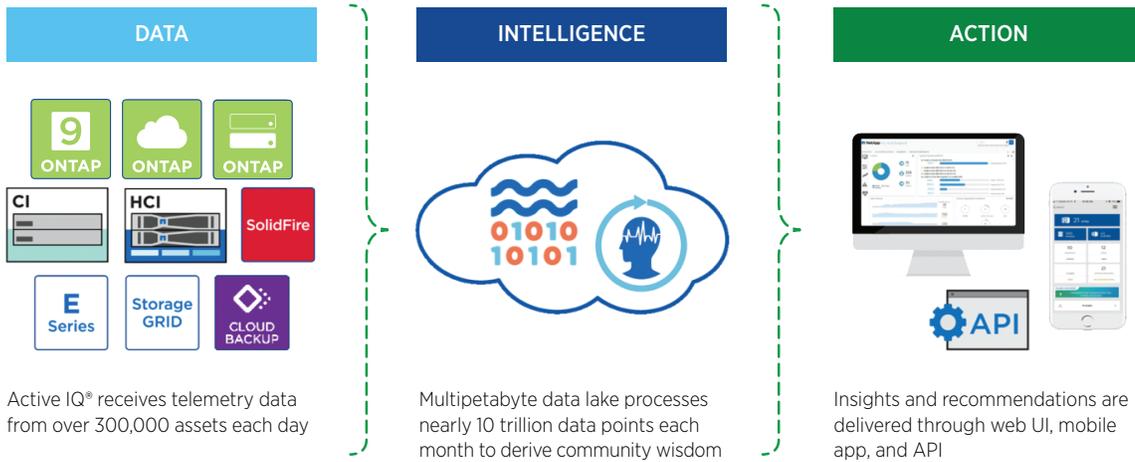


Figure 1) Active IQ helps you get started on your AI journey by turning data into actionable intelligence.

The Power of the NetApp Community

Active IQ enables new and existing customers to benefit from the collective wisdom of the NetApp user base, leading to faster, smarter decisions that can reduce risk, simplify data management, and help you get the most out of your NetApp environment. Its data-driven insights and recommendations are available to all NetApp customers who have active support contracts.

About NetApp

NetApp is the data authority for hybrid cloud. We provide a full range of hybrid cloud data services that simplify management of applications and data across cloud and on-premises environments to accelerate digital transformation. Together with our partners, we empower global organizations to unleash the full potential of their data to expand customer touchpoints, foster greater innovation and optimize their operations. For more information, visit www.netapp.com. #DataDriven