

SOLUTION BRIEF

# NetApp Active IQ

Actionable intelligence for  
optimal storage health



Every company is creating and collecting massive amounts of data. This is a relentless challenge for storage owners, who often don't have time to be proactive when it comes to storage health. Data science can help you stay ahead of potential problems and find opportunities to optimize – and it's happening today for NetApp customers.

**Overview**

NetApp® Active IQ® is a digital advisor that simplifies the proactive care and optimization of NetApp storage. It uses AIOps to uncover opportunities to improve the overall health of your systems, and then provides the insights, guidance, and actions to make it happen. We call this “actionable intelligence,” and it leads to higher availability, improved security, and simplified storage operations.

**Actionable intelligence**

In data science, the volume, velocity, and variety of data matter. Each day, Active IQ receives telemetry data from hundreds of thousands of systems around the globe, adding to a multipetabyte data lake that processes trillions of data points each month. With a massive installed base supporting diverse use cases, Active IQ has a rich set of data for AIOps.

Active IQ continuously assesses this data, using predictive analytics and machine learning algorithms to uncover risk factors and opportunities to

**Key Benefits**

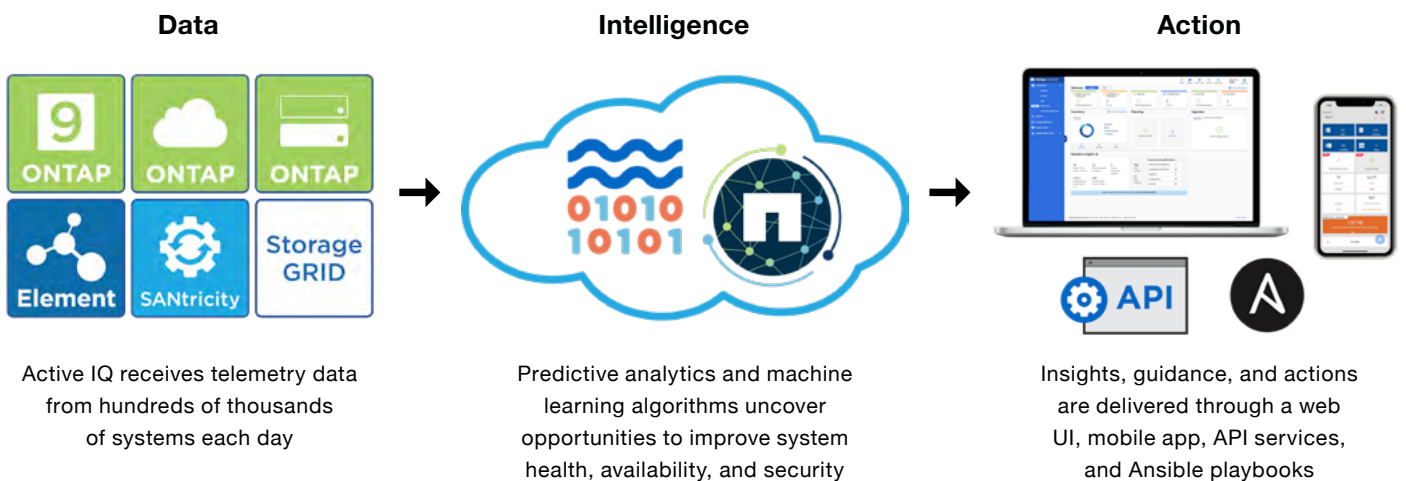
- Achieve simple and secure visibility into the health of your NetApp systems.
- Expose risk factors and prevent problems before they affect your business.
- Follow prescriptive and automated actions to simplify storage management.

improve system health, availability, and security. When a potential issue is identified, Active IQ can take immediate action or provide guidance to remediate a risk or optimize a configuration.

**Proactive care and optimization**

Active IQ makes it easy to achieve optimal storage health. It's always on the lookout for risk factors, misconfigurations, security vulnerabilities, outdated firmware, and failing hardware. It keeps an eye on systems reaching performance or capacity limits due to unexpected or rapid growth. Anything that might jeopardize system availability, security, or performance receives attention and action.

Active IQ can also show you how well your systems align with known performance indicators. The health check assessment provides a wellness score, analysis of your environment, and recommendations for improving system uptime, performance, and efficiency.



### **Simplified storage operations**

Like any good advisor, Active IQ keeps you informed and highly efficient. It provides constant visibility into the health of your environment, lets you know when attention is required, and gives you clear guidance for any actions. This could be an automated firmware upgrade, or the steps to remediate a risk, optimize a configuration, or prepare for an upgrade.

Active IQ alerts, insights, and guidance are available in the format that works best for you. There's a web UI for full-featured visibility into system health, best next actions, upgrades, and more. The Active IQ mobile app keeps you informed when you're on the go. API services allow you to programmatically integrate Active IQ recommendations directly into your DevOps or change-management workflows. You can also find Active IQ alerts and guidance in NetApp Cloud Manager, NetApp Cloud Insights, and Active IQ Unified Manager.

### **NetApp Digital Support**

Active IQ is a core component of NetApp SupportEdge services, which combine live, cloud, and digital resources to deliver comprehensive support—whenever, wherever, and however you need it. Following the proactive and predictive guidance of Active IQ will reduce the number and the severity of support cases. But if a problem does arise, our award-winning technical support staff is there 24/7 to resolve the issue quickly.

### **About NetApp**

In a world full of generalists, NetApp is a specialist. We're focused on one thing, helping your business get the most out of your data. NetApp brings the enterprise-grade data services you rely on into the cloud, and the simple flexibility of cloud into the data center. Our industry-leading solutions work across diverse customer environments and the world's biggest public clouds.

As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services, and applications to the right people—anytime, anywhere.

