Quantum®

CASE STUDY
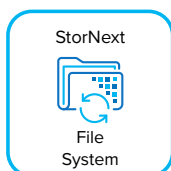
America's Test Kitchen Transforms Media Production with Quantum

For more than 30 years, America's Test Kitchen (ATK) has been one of the most trusted names in culinary content, producing award-winning television programs, magazines, books, podcasts, digital content, and streaming series. Behind its test kitchens and studios in Boston is a creative engine that has generated tens of thousands of recipes and over three decades of broadcast material. As the company expanded into OTT, YouTube, and social channels with millions of followers, its technology infrastructure had to evolve to support a new era of high-volume, high-velocity content creation.
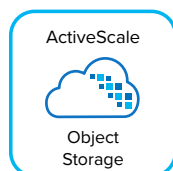
— AMERICA'S —
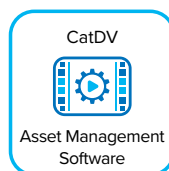**TEST KITCHEN**

CAMBRIDGE
Computer

FEATURED PRODUCTS

StorNext
File System

ActiveScale
Object Storage

CatDV
Asset Management Software

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Dustin Brandt
Vice President of Technology
ATK

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>
> **Dustin Brandt** – Vice President of Technology, ATK

AMERICA'S TEST KITCHEN

SOLUTION OVERVIEW

· Quantum StorNext® File System
· Quantum F-Series All-Flash Storage
· Quantum QXS™-Series Scale-Out Storage
· Quantum CatDV™ Asset Management and Workflow Automation
· Quantum ActiveScale® Object Storage

KEY BENEFITS

· **High-performance, shared storage environment** supporting more than 20 editors

· **Real-time collaboration with seamless archive and retrieval** for archived footage

· **Accelerated production cycles** and content reuse across channels

· **Future-ready foundation** for live streaming and OTT expansion

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CHALLENGE: FRAGMENTED AND OUTGROWN STORAGE

For years, ATK relied on local RAID arrays and external drives scattered across desktop and production rooms. While that approach worked for smaller teams, it became unsustainable as the organization's output—and its global audience—grew. "We were carting around large RAID arrays with terabytes of media," recalled Dustin Brandt, Vice President of Technology. "It wasn't a robust solution for a growing and increasingly complex media production environment." Managing massive video files across home and office setups during the pandemic further exposed the limits of this system. The team needed centralized shared storage, real-time collaboration, media asset management, and a smarter, more secure archive, all within a single, scalable ecosystem.

SOLUTION: A UNIFIED QUANTUM PLATFORM

After evaluating multiple vendors, ATK chose Quantum as its end-to-end data platform built for media workflows. Working closely with trusted technology partner Cambridge Computer, the ATK team deployed Quantum StorNext for high-performance shared storage, combining F-Series and QXS systems for flash and disk tiers, ActiveScale object storage as a replication target for protecting and archiving works in progress, Wasabi for an additional, tertiary warm-cloud archive, and CatDV for media asset and workflow management. "What really resonated with us was the ecosystem," said Brandt. "Primary storage, secondary storage, cloud connectivity, and media asset management—all integrated."

The implementation was ambitious. ATK opted to deploy the full environment at once rather than phase it in over time. Within months, the production team moved from fragmented local storage to a unified system that supports both on-premises and remote workflows. Editors now collaborate in real time on shared media, easily searching and accessing footage via CatDV's metadata and web-based interface. The result is a dynamic creative environment that eliminates the old "sneakernet" method of shipping drives across departments or postal codes.

PARTNER COLLABORATION: CAMBRIDGE COMPUTER

Cambridge played a pivotal role from evaluation through deployment. "Cambridge wasn't just a vendor — they were a strategic partner," Brandt noted. "They helped us understand the technology, architect the right solution, and make sure it would scale with our content strategy for years to come." From design and sizing to configuration, deployment, and ongoing support, Cambridge ensured ATK could move quickly and confidently into the new ecosystem.

RESULTS: EFFICIENCY, ACCESS, AND CREATIVE FREEDOM

The impact was immediate. Up to 20 editors can now work simultaneously on Quantum storage, accelerating production cycles and enabling new levels of creative reuse. When producing the YouTube series The Cocktail Lab, for example, editors seamlessly pulled B-roll footage from earlier episodes stored on the system to enrich other shows, a process that would have been impossible previously. "Our editors can go into previously edited projects on the server and source B-roll directly into their edits," said Will Rogan, Senior Online Editor and Colorist. "It's a smooth, powerful process that just wasn't accessible before."

Beyond the production team, the new platform is opening doors across the organization. Marketing and social media

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Dustin Brandt
Vice President of Technology, ATK

ABOUT AMERICA'S TEST KITCHEN (ATK)

The mission of America's Test Kitchen (ATK) is to empower and inspire confidence, community, and creativity in the kitchen. Founded in 1992, the company is the leading multimedia cooking resource serving millions of fans with TV shows, magazines, cookbooks, podcasts, FAST channels, short-form video series, and the ATK Essential subscription for digital content. Located in a state-of-the-art, 15,000-square-foot test kitchen in Boston's Seaport District, ATK has earned the trust of home cooks and culinary experts alike thanks to its one-of-a kind processes and best-in-class techniques. Fifty full-time (admittedly very meticulous) test cooks, editors, and product testers spend their days tweaking every variable to find the very best recipes, equipment, ingredients, and techniques. Learn more at https://www.americastestkitchen.com.

Courtesy of America's Test Kitchen, All Rights Reserved. Photo: Steve Klise

Courtesy of America's Test Kitchen, All Rights Reserved. Photo: Daniel J. van Ackere

groups will soon gain access to shared assets, accelerating the creation and distribution of promotional clips and short-form content. According to Brandt, "The Quantum ecosystem is transforming our capabilities for creating and delivering content. Creators are more collaborative, media is more discoverable, and workflows are more accessible."

By partnering with Quantum and Cambridge, America's Test Kitchen has built a foundation that combines performance, flexibility, and resilience. The integrated ecosystem enables real-time collaboration, rapid turnaround of new content formats, and intelligent management of decades of archival media. "We swung for the fences,"

said Brandt, reflecting on the deployment. "And it's paying off. We're discovering completely new ways of accessing our media and working collaboratively."

With plans to expand into live streaming and additional OTT channels, ATK's Quantum infrastructure positions the company to continue innovating for the next generation of home cooks and media audiences worldwide.

ABOUT CAMBRIDGE COMPUTER

Cambridge Computer specializes in designing and integrating data storage, data protection, and digital asset management solutions for some of the world's most innovative organizations. With over 30 years of experience, Cambridge partners with leading technology providers like Quantum to help customers architect scalable, efficient, and cost-effective infrastructures tailored to their unique workflows. From consulting and solution design to deployment and ongoing support, Cambridge provides the technical expertise and strategic guidance needed to ensure long-term success across media, research, higher education, enterprise IT, and government sectors. Visit www.cambridgecomputer.com to learn more.