Tuning, Monitoring and Analytics application for FastFrame™ 3 10/25/40/50/100GbE NICs

Overview
An all purpose tool for Ethernet network optimization, ATTO 360™ features performance tuning, monitoring, and diagnostic tools that deliver the best performing and most efficient storage networks. Designed for the creative professional who wants to unlock the true potential of ATTO FastFrame™ and Thunderlink® adapters, we decided to bring our understanding of storage networking and combine all of the tools and techniques our engineering team uses everyday and consolidate them into a simple, easy to use management interface.

Performance Tuning
Easy one click setup provides nine pre-configured performance tuning profiles for macOS®, Windows®, and Linux®.
- Preset tuning profiles for media and entertainment workflows, high throughput, low latency, etc.
- Tune for both files level (NAS) and block level (Fabrics) storage.
- Over 25 individual tuning settings can be adjusted including buffer settings, MTU sizes, IRQ, and NUMA just to name a few.

Analytics
A triage center for connectivity issues with intuitive features that keep you running efficiently and pro-actively fix problems before they occur.
ATTO 360 scans for frequently recorded and troublesome errors that are not always obvious.
- Identifies mbuf issues when system resources are getting low and recycles mbufs before falling off a performance cliff
Will make suggestions to increase efficiency like;
- Increasing MTU size which can often result in greater transfer speeds
- Hardware problems such as PCIe slot, link cables, connections, etc.
ATNetstat—an ATTO developed tool that provides detailed information and statistics about network traffic that is used in diagnosis.

Monitoring
ATTO 360 incorporates several networking utilities like netstat and nettop.
- Analyze data from several different tools in one convenient location
- Perform nmap security scans
- Display OS name and version number, CPU chip brand, processor type, model, CPU speed, number of cores, NUMA mode configurations and monitor several more system settings from one application