



Spectra T950 Mechanical Refresh

Extended Preventive Maintenance Service



Spectra Logic's *Mechanical Refresh Service* is an investment in your T950 that will greatly extend the useful life of your asset. This is a low-cost, proactive solution that not only prolongs the life of your unit, but additionally postpones budgeting for the next storage purchase, dramatically increasing the return on your initial storage investment.

Tape libraries are mechanical devices with moving parts that are not immune from the costs associated with aging and maintaining the hardware itself. While Spectra's *Mechanical Refresh Service* extends the life of your hardware, it also reduces the amount of unplanned downtime through proactive part exchange where parts are replaced before they wear out. The work is scheduled in advance so that you can prepare beforehand, causing little to no disruption to your operations and avoiding any extended downtime should your unit have issues caused by the natural aging process. The service is performed by a Spectra Professional Services engineer in conjunction with a standard Preventive Maintenance visit, totaling 6-8 hours for an average-sized T950 library.

When considering the significance of your data storage, having control over when parts are replaced on your unit and planning it into your daily operations to avoid possible unplanned downtime is invaluable. A successful preventive maintenance program and hardware refresh service improves the performance and availability of your company's most valuable assets, its data, and the storage equipment required to access it.

Refresh Service Overview

Replace:

- HAX Motor and Drive Belt
- VAX Motor and Drive Belt
- HAX Bearing Block
- All Pulleys
- VAX Roller Bearing Assembly
- VAX Alignment Bracket
- VAX Flex Cable
- VAX Stop Pads
- Air Filters

Inspect*:

- Transporter Sensors
- HAX and VAX Sensors
- HAX Flex Cable
- VAX Linear Rail (clean and apply grease)
- HAX Rod (clean and apply grease)
- Bulk TAP (if installed)
- Safety Switches and Light Bars
- Shelves and Shelf Guides

Other Maintenance Items:

- Upgrade the library BlueScale firmware and drive firmware (if approved)
- Clean library interior floor and inspect for debris or contamination
- Clean all drives as needed
- Verify mechanics and alignment of all axes of movement
- Examine the exterior of the library for damage or missing components
- Check LCM/RCM/RIM file systems
- Run the *All Motion Basic Test* Diagnostics
- Review library logs
- Reset all *Hardware Health Monitor* Counters
- Upgrade spare ASM components (if available)

**Select parts will undergo inspection and cleaning with the potential of future changes at upcoming Preventive Maintenance visits as recommended by the Professional Service engineer.*

