



## **RASILIENT TECHNOLOGIES**

**BusyPlot.-** Diagnoses common challenges like lack of NVR compute power, network bandwidth, long latency, or storage performance to make it easier to troubleshoot and repair the issue.

**VAN.-** Improves overall write bandwidth performance (virtually zero video frames lost at Network Video Recorders) and eliminates read latency.

**FlowThrough.-** Solves the video bottleneck problem and eliminates all address-locking latency due to multiple accesses to the cache regardless read or write.

**StreamAlign.-** Enables long-term high performance by performing inline defragmentation through our proprietary linear stream scaling algorithm.

**Read Ahead.-** Increases read performance significantly while also maintaining write performance for superior multi-stream operation.

**H/A.-** High-availability dual controllers with automatic failover for disaster recovery eliminate down time.

**Cache Coherent.-** Ensures data is always mirrored to the other controller, guaranteeing no data is lost on failover.

**Auto Load Balance.-** Automatically balances storage load across GbE ports to ensure maximum performance and auto failover on NIC and network failure.

**Self-Healing.-** Zero-Maintenance technologies significantly reduce drive failures and maintenance costs.

**Intelligent Power Management.-** Video hard drives reduce power consumption by up to 30% while maintaining high performance and reliability.

**MAID.-** Hard drives power down automatically when not in use to significantly reduce energy costs.

**Rapid RAID.-** RAID rebuild is performed across all drives in parallel, providing extremely fast rebuild.

**Safe Rebuild.-** Rebuild is paced by incoming video data, ensuring storage video always has top priority.

**Certified Solutions.-** We certify our hardware with all major VMS suppliers ensuring that our solution provide optimal performance.

**Pre-installation.-** We provide free pre-installation of OS with all updates and drives as well as the most popular VMS.