

EcoStore™: Cut Your Recording Solution's Energy Bills by 80%



EcoStore™ can save over 80% of a recording solution's hard drive energy costs by automatically spinning down drives which are not in a read or write state. This reduces the wear and tear on drives which are usually in constant use and prolongs their lives, as well as delivering huge savings on energy costs.

Unique to Wavestore, EcoStore™ can lay claim to be the fastest and most cost-effective long-term storage technology available on the professional security market.

Transforming your Running Costs & Efficiency

EcoStore™'s unique approach to managing hard drive energy consumption significantly reduces operational costs and extends the lifespan of storage hardware. By intelligently spinning down drives when not in use, EcoStore™ delivers unparalleled savings and sustainability in surveillance storage.

Significant Energy Cost Reduction

Saves over 80% in hard drive energy costs by automatically spinning down inactive drives, leading to substantial long-term savings.

Prolonged Hard Drive Life

Minimizes wear and tear by reducing constant usage, thus extending the lifespan of storage drives.

Enhanced Data Protection

Integrates seamlessly with Wavestore's HyperRAID technology, ensuring data redundancy and reliability without compromising energy savings.

Unmatched Scalability

From small setups with just two drives to large-scale projects utilizing up to 204 drives per server, EcoStore™ scales efficiently, catering to any project size.

Save more than energy with EcoStore™

Challenges

Opportunities

High Operational Costs

Video surveillance system costs are driven by the energy demands of continuous operation and traditional storage solutions that increase energy expenses and total ownership costs.

Drastic Cost Reduction

EcoStore™'s energy management approach optimizes hard drive activity to significantly reduce energy consumption, resulting in lower utility bills and operational costs.

Drive Wear and Tear

The longevity of hard drives in a surveillance system is a critical concern, as constant operation can lead to faster degradation and failure. This not only increases maintenance costs but also risks data loss.

Increased Longevity

EcoStore™'s technology significantly mitigates this risk by minimizing the operational hours of each drive. Less wear and tear mean hard drives last longer.

Data Redundancy Concerns

In large-scale surveillance operations, ensuring that data is protected and redundancy is maintained can be a challenging task, especially in systems that are energy intensive and complex to manage.

Reliable and Efficient Data Protection

EcoStore™ and HyperRAID combine for energy-efficient surveillance systems with enhanced data redundancy, protecting against data loss and prioritizing energy conservation.

Scalability Limitations

As surveillance needs grow, expanding storage capacity often means a proportional increase in energy use and physical space requirements, presenting a scalability challenge for organizations.

Efficient Expansion

EcoStore™'s scalable design allows organizations to expand storage without increased energy consumption or space, supporting sustainable growth for surveillance systems.

Wavestore's EcoStore™ technology revolutionizes video surveillance storage by being energy-efficient, cost-effective, and scalable. It enables savings, data protection, and sustainability.

Learn more at <https://www.wavestore.com/our-technology/ecostore>



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