

# ENTERPRISE LASER STORAGE

## Secure Storage for Long-Term Data Preservation and Integrity

Data centers are currently responsible for approximately 7% of global carbon emissions, a similar share as the entire aviation industry.

This is projected to increase to 13% by 2030.

- Climate Neutral Group & Computer World

A staggering amount of data is being generated around the world each day. A reality that is only accelerating with the growing popularity of IoT and AI.

Having large amounts of abandoned or uncategorized data can have grave consequences for the security of your business.

Storing legacy data in expensive and resource-intensive cloud or on-premise storage is costly and bad for the sustainability of our planet.

Companies need a low-cost, secure, and stable storage mechanism that is physically immutable and has a long shelf-life. To fill this need, a proven technology is seeing a new resurgence.

And for good reason.

Schedule a Demo

E: [sales@savartus.com](mailto:sales@savartus.com)

W: [www.savartus.com](http://www.savartus.com)

## INTRODUCING ENTERPRISE LASER STORAGE

A solution that provides companies with a high-capacity, tamper-proof method to store, archive, and preserve important organizational data so that it is physically immutable - impossible to delete, impossible to re-encrypt, and impossible to alter.

Data center energy consumption and carbon emissions are growing rapidly due to:

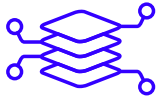
- Rising popularity of cloud computing and other data-intensive applications.
- Growing number of connected devices, such as smartphones, tablets, and wearables
- Increasing demand for high-performance computing (HPC) for applications such as artificial intelligence and machine learning.

Benefit from the unique characteristics of optical laser storage:

- More affordable storage means reduced reliance on expensive cloud storage.
- 50- to 100-year media durability provides confidence in the long-term preservation of your most critical data archives.
- Offline storage delivers energy efficiency to reduce environmental impact.
- Superior protection against data breaches, unauthorized access, and data loss.

We all have a role to play in making data preservation more sustainable.

## Important Optical Technology Advancements:



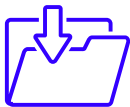
### Higher Capacity through Multi-Layer Technology:

Multiple data layers are stacked on a single disc. This enables high-density data storage without significantly increasing the physical size of the disc.



### Faster Data Transfer Rates through Improved Laser Technology:

New laser technology used in optical drives delivers more precise reading and writing capabilities. This improvement contributes to better error correction, reduced data loss, and enhanced overall performance. High-powered lasers also enable secure destruction of optical media that includes a certificate of destruction.



### Archival-Grade Discs:

Specialized archival-grade optical discs offer enhanced data longevity and reliability. They possess higher resistance to environmental factors, such as humidity and light exposure, reducing the risk of data degradation over time.



### Point-in-Time Data Recovery:

As the risk and sophistication of cyberattacks increase, organizations must prepare multi-layered defenses and processes. Having an archive of mission-critical data in an encrypted, unchangeable data recovery point should be part of standard security and business continuity protocols.

## ENTERPRISE LASER STORAGE

SAVARTUS delivers data management solutions that help organizations better manage data assets, lower costs, defend against cyberattacks, and protect data integrity to meet long-term data preservation and compliance requirements.

Using advanced AI technology combined with our data storage, engineering, robotics, and software capabilities, we provide customized, bundled solutions that integrate into any workflow and are tailored to your requirements.

Contact us to schedule a demo and see how our Enterprise Laser Solution can provide your organization with secure, sustainable storage for your long-term data preservation.