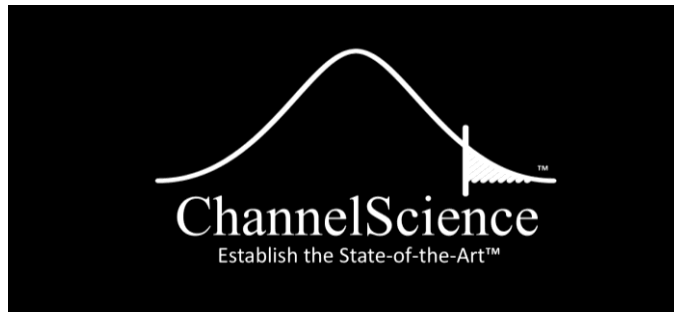




SBIR Grant Awards:
DE-SC0021850
DE-SC0021879



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Recover More. Preserve Better. Unlock Value.

Millions of legacy tapes are deteriorating and losing signal strength every year. Skilled operators are retiring, replacement parts are scarce, and migration success rates are falling. Even in expensive climate-controlled vaults, magnetic patterns fade, and refurbished 1970s drives cannot keep up.

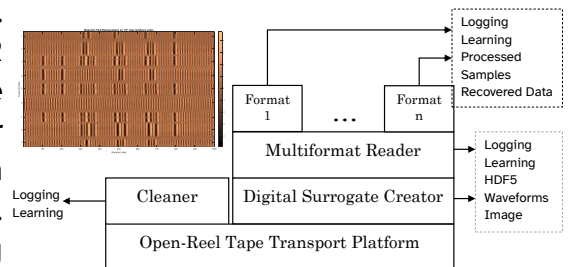
In a Vault, “Preservation” = Procrastination

Professional preservationists, service providers, and archive owners all face the same challenge: act now, or risk losing collections forever. But, if the tapes haven’t been read in decades, and there has been no funding for migration, why would they be read now? In the AI-era, there is new value in old data! You can license unique, rare datasets for specialized AI/ML training to fund migration and AI-ready access.



Magnetic Digitization Renaissance, Not Digital Dark Age

Refurbished vintage drives are bound by 50-year-old limits. ChannelScience has reinvented the process with advanced GMR sensor arrays, precision transport mechanics, modern adaptive decoding software, and AI-enabled learning of best-practices. Our platform creates digital surrogates that freeze fragile magnetization patterns for future recovery and AI training. Backed by U.S. Department of Energy SBIR awards, granted patents, and pending applications, ChannelScience delivers the highest resolution digitization, lowers the cost of migration, and ensures archives are no longer at risk of a digital dark age.



Patents: US12106788B1,
US20250054512A1, more pending

Now is the Best Time to Access What Matters

ChannelScience is pioneering a magnetic digitization renaissance. Our patented multiformat tape readers capture data at higher fidelity, with gentler handling, across formats whose functional readers are vanishing. For service providers, this means expanding offerings and winning new business. For preservationists, it secures collections for future generations. For archive owners, it unlocks AI-ready datasets that can fund ongoing projects. For AI dataset licensors, it grants exclusive access to rare, high-quality training data.

Join our [Early Access Program](#) to collaborate on pilot projects and explore shared-use and leasing models with peer organizations (scan QR code).



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