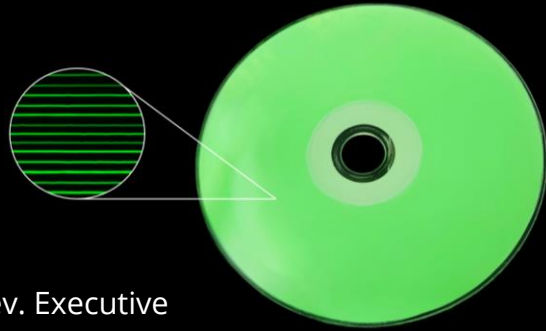


CONTACT INFORMATION

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CAPABILITY DESCRIPTION

“Unleashing Data to Advance the National Defense Strategy”

- High-capacity, low-cost **data storage** solution
- Exponential increase in **effectiveness** of DOD data storage
- **Secure** data storage: air gap and WORM to prevent unauthorized access
- Maintain integrity of data for **+100 years**
- Mil Std. 810 testing in process. Impervious to **EMP**, salt water, high temps
- Requires **zero power and environmental cooling** for data center storage
- Multi-generational roadmap of **backwards compatible** storage products

DESCRIPTION

Technology/Research Overview:

- Proprietary photonic film manufacturing process
- High-capacity optical storage discs.
- Advanced polymer extrusion techniques
- Development of new nanomaterials
- Development of advanced confocal pickup unit (OPU)
- Invented at Center for Layered Polymer Systems at Case Western Reserve University
- All development venture funded to-date.

Stage of Development:

TRL – 4 Disc and Drive prototyping. Commercial partnering.

Value Proposition:

Enable the DoD's transformation into a data-centric organization that uses data at speed and scale for operational advantage, security, and increased efficiency.

REQUIREMENT MATCH AND BENEFIT

- **Requirement Match:** All branches and offices within the DOD requiring long term data storage to enable the modern warfighter – particularly DTIC, Central Command and NGA. Currently, Folio Photonics has not been funded or tested by any government organizations.
- **Seeking: End-user advocacy** to help finalize product/market fit. **Beta testing** to accelerate development and deployment. **Funding** to drive development, testing, and scale media manufacturing.
- **Benefit:** Storing, protecting and making Data a strategic asset.
- **TRL: 4**
- **SAM Registration:** Active until Feb. 3rd, 2022.
- **CAGE Code:** 6TGC7
- **Business Class:** Small business