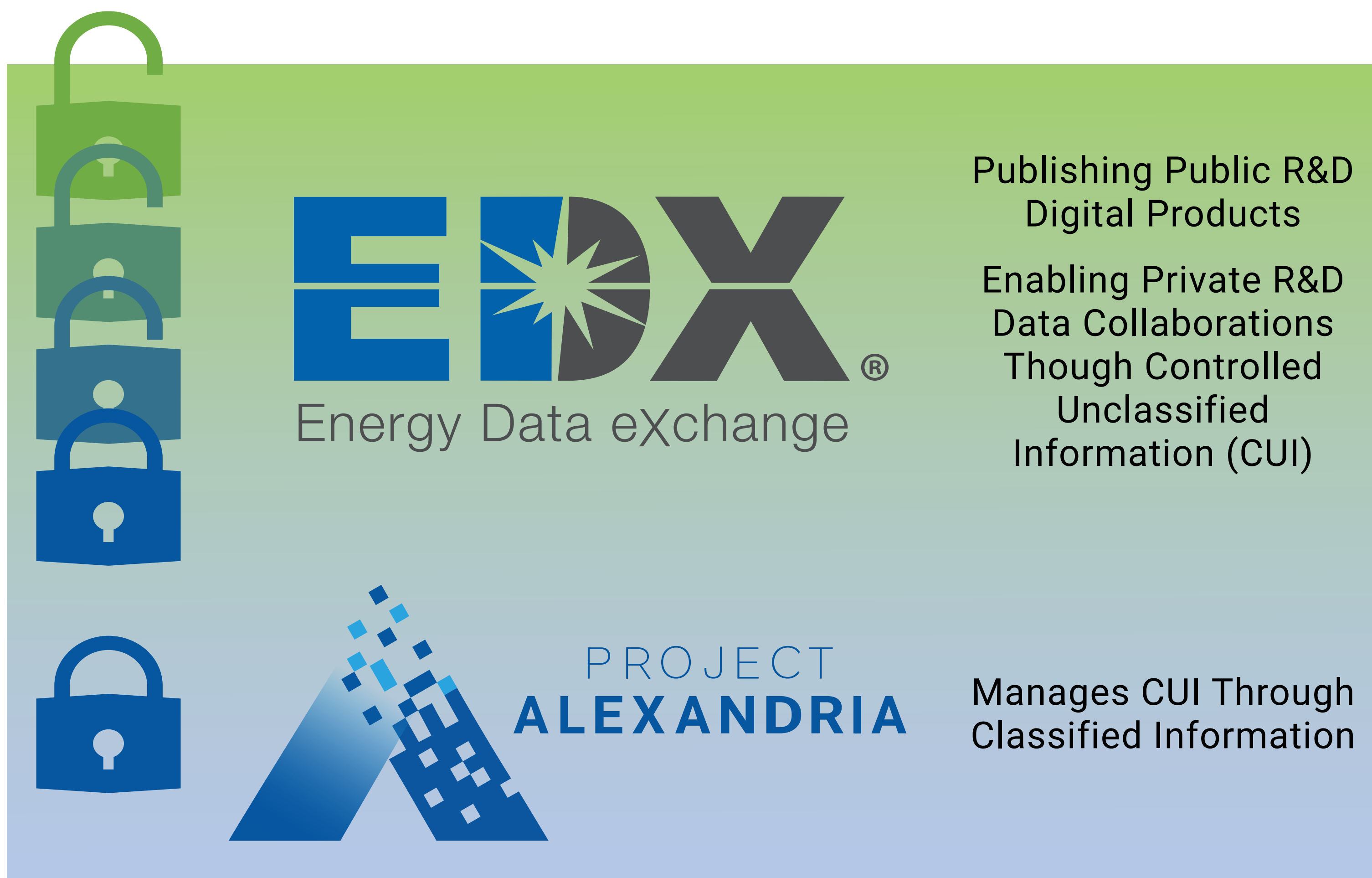


# Project Alexandria: Advancing R&D Data Management for Defense Nuclear Nonproliferation

*Leveraging laboratory capabilities to deliver a platform to manage Defense Nuclear Nonproliferation (DNN) R&D data assets while improving data access and discovery, promoting reuse, and enabling transformative research in unclassified and classified environments.*



**EDX**  
Energy Data Exchange

**PROJECT ALEXANDRIA**

- Publishing Public R&D Digital Products
- Enabling Private R&D Data Collaborations Though Controlled Unclassified Information (CUI)
- Manages CUI Through Classified Information

EDX is DOE FECM's enterprise R&D data management platform. It enables public through CUI resources. Alexandria will sync with EDX for public product hosting, and when fully launched will enable the DNN mission for classified through CUI R&D data management. Together, EDX and Alexandria offer DOE a coupled system to handle public through classified R&D data resources through a shared governance and systems approach.

The DNN R&D portfolio generates petabytes of data that often persist in specialized data formats, are inaccessible, and are undiscoverable to other projects. Project Alexandria will both develop and deploy Alexandria the "platform" and develop and support implementation of DNN R&D-wide data governance.

Project Alexandria will address current DNN research data challenges to:

Enable faster project startups via a supported, common platform.

- Accelerate innovation via common data standards.
- Preserve data products across funding and project lines for future research needs.
- Align with relevant federal R&D data governance activities.

DOE PROGRAM

**Defense Nuclear Nonproliferation Research and Development**

NETL PARTNERS



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NATIONAL LABORATORY

