Customer Challenge
Whether it’s for Disaster Relief or for Military Operations, the sharing of information in a timely and efficient manner is critical to mission success. In environments where information is segmented by unclassified, secret and top secret, separate storage arrays are typically deployed to segment the different classification levels. These traditional methods of segmenting information create independent silos, which not only impede the flow of information, but also is costly in time, money, and other resources.

The MLS-E Solution
The Seagate Multi-Level Secure Ecosystem (MLS-E) high performance compute solution enables the storing, distribution, and access of data at multiple security levels. The result is that vital information at different classification levels can be shared quickly and securely, for enhanced analysis resulting in improved decision-making and better outcomes.

ViON helps DoD and IC organizations overcome the problem of traditional data silos through enhanced operational workflow offered through MLS-E. We provide the integration support that includes an improved interface for easily indexing, querying, adding, and retrieving data from the multi-level storage device called the Secure Data Appliance (SDA).

The SDA is based upon a foundational platform of the Seagate Clusterstor high-speed array and Red Hat Enterprise Linux® 6.5+. The secure code of MLS-E enables users to store and access data at multiple security levels and restrict access by authorization level. The Gateway converts from Windows file system to Lustre and integration in BAE GXP Explorer allows for indexing, retrieving and view content via web interface.

MLS-Ecosystem for Mission Data
Enables Improved Operations Tempo
- Store and Access Data at Multiple Security Levels
- Data Fusion Without Duplication
- 30% Faster Data Analytics Workloads Over Non-Lustre Configurations
- Integration with BAE’s GXP Xplorer for Indexing, Retrieving and Viewing Stored Contents via a Standard Web Interface
- ICD-503 Accredited to PL-4
Seagate Multi-Level Secure (MLS) High Performance Compute (HPC) Solution

Benefits of MLS-E

- Faster operational data flow – providing the right information to the right people faster through a simplified process
- Enhanced security – segmenting multiple security levels in the same appliance
- Reduce costs – a single appliance that requires less power, cooling and space than multiple storage arrays
- Simplified management – a single interface to manage one appliance
- Managed service option – allows users to pay as they grow through CapEx funding

About ViON

ViON is a veteran-owned, privately held company with 35 years of experience building IT enterprise solutions for government and commercial customers. Being independent allows for streamlined decision making and nimble responses to our customers’ needs.

ViON works with the largest OEM suppliers in the industry to design and implement custom solutions that meet any IT storage or server need. Known for our engineering expertise and exacting standards, ViON ensures that only those with the highest level of training, experience, and industry certifications design, install, maintain, and support our breadth of solutions.

ViON supports our products and solutions through two 24x7x365 Secured Support Centers, located on US soil and staffed entirely by U.S. citizens holding security clearances.