

THE IAC BULLETIN

Updates from the Office of Internal Controls and Audit Compliance

Thank you for learning about SDI!

The SDI Team is here to help you protect your data

What is the MDH Enterprise Data Lake and Analytics Platform?

The SDI Team recommends that all data use and access occur inside of an approved system. MDH provides a cloud-based secure customized data and analytics platform to its vendors and partners for data warehousing, advanced analytics, and dashboard development with desired tool sets. This Enterprise Data Lake and Analytics platform has been set up on the MD THINK cloud platform. It is highly recommended that vendors/partners access MDH data using this enterprise platform which is fully compliant with MDH security standards.

What Is MD THINK?

Maryland's Total Human Services Integrated Network (MD THINK) is a cloud-based platform set up for State agencies to host applications and data using Amazon Web Services (AWS) with built-in security and technology stack to support encrypted and secure data transmission and storage.

What data tools are available on the enterprise data platform?

Most commonly used data analysis tools, including SAS, Python, R, SQL, Oracle, Microsoft Excel, Tableau, and Qlikview, are available. Custom environments for programs and data partners can be configured.

How does our program gain access to the platform?

Programs interested in migrating their operations into a State-approved system, should contact the MDH Data Office at mdh.dataoffice@maryland.gov. The MDH Data Office works with MDH programs to onboard data and set up desired analytics tools and provide role-based access to users on the Enterprise platform.



WHY SHOULD MY UNIT USE AN ENTERPRISE DATA PLATFORM?

There are many advantages to using an approved system like MD THINK:

- Allows MDH programs to use a trusted secure environment to increase collaboration with MDH data partners with minimum business disruption
- Enables cloud-to-cloud integration with the MD THINK platform with other applications and data transformation initiated in the dedicated data lake for MDH
- Enhances the integration capabilities with our trusted data partners and improves data exchange through secure cloud to cloud integration technologies
- Enables data partner to use customized data warehousing and analytics solution
- Hosts multiple other MDH applications and datasets thus providing seamless access to multiple datasets

How can this platform facilitate our work with vendors?

The MDH Data Office helps MDH programs onboard vendors, establish parameters for vendor data access as well as any customization, enhancements, or changes requested. The platform is scalable and can be expanded, as needed, in terms of storage, user access, and environment provisioning. There is no limit to the number of users that can access the platform as long as the MDH program provides the necessary licenses for its vendors/partners.

Ready to use MD THINK?
Contact mdh.sditeam@maryland.gov!