



PRODUCT DEEP DIVE

SAIC AI Family of Products

Unlocking the full potential of data and transforming the data into insights is essential in making mission critical decisions. SAIC has broken this down into two key factors: secure, centralized data management and AI development and operationalization. SAIC offers the right tools that support decision making.

Offerings



Tenjin is a full data science lifecycle environment to rapidly stand up, create, package, and deploy a wide variety of AI use cases.

SAIC leverages best-of-breed commercial products that allows a user to collect and organize data, build analytic models, and infuse AI into an operational environment.



Out-of-the-box algorithms and tailorable models to achieve actionable insights for decision making and problem solving across diverse, mission focused domains.



Virtualized secure database platform enabling AI and analytics.

ENABLE CITIZEN DATA SCIENTISTS



Collaborative and low code to full code environment enables all types of users.

LEVERAGE YOUR INFRASTRUCTURE



Choose the most effective execution engine amongst the engines available next to input data of each computation – run in cluster, run in database, run in memory, data lake, file system – and any cloud provider.

EXPLORE DATA SECURELY



Leveraging Koverse's multi-level security allows users to easily access the data they need to produce mission-driven AI.

AUTOMATE AND ACCELERATE



Rapidly develop custom mission-driven AI utilizing SAIC's out-of-the-box AI Mission Accelerators (reusable snippets of code, data science recipes, and frameworks).

OPERATIONALIZE MODELS



Actively deploy and monitor AI/ML models created within the environment through an API or containerized and inserted into an operational workflow.

BROADEN DATA SOURCES



Koverse supports ingestion and processing of any data type – structured, semi-structured, unstructured, streaming - from any source.

We are mission ready

SAIC offers products that provide an end-to-end solution that secures and manages data, as well as empowers rapid prototyping and deployment of AI. Our trusted environment takes AI from experimentation to operationalization to get the mission-critical insights that you need faster. Unlike other AI environments, our products facilitate the know-how for a broad-range of stakeholders to conserve resources, use their time protecting our nation, and transforming the mission.

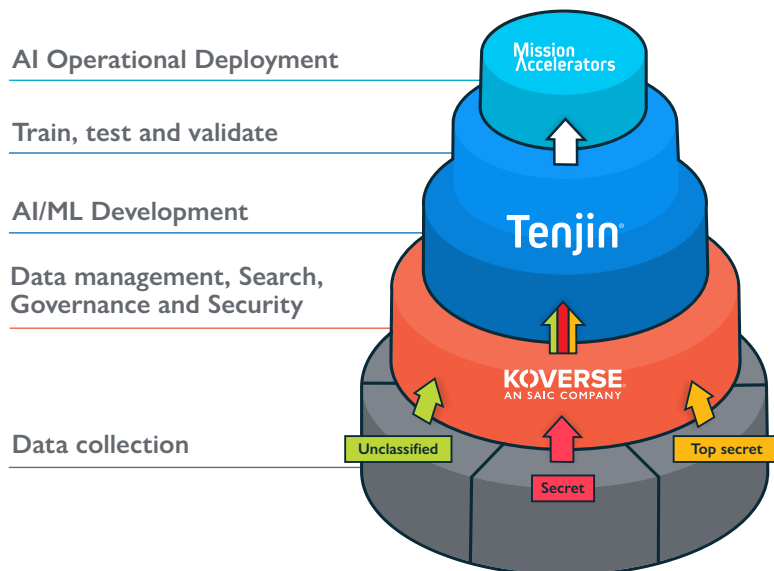
Our technology

Tenjin - Our stack is built with usability and extensibility in mind, leveraging Tenjin as the AI/ML environment that provides low-code to full-code development, automation, visualization, connectivity, collaboration, documentation, and progress tracking. Entry level technical users are able to contribute through a user-friendly interface with visual processes and components for data preparation that can be automated and reused. Experienced technical users are able to develop and integrate interactive data science notebooks and custom code for complex use cases and model training and development. A variety of non-technical users are equipped with documentation, progress tracking, dashboards and visualizations to guide mission scope and make decisions. All users are enabled to collaborate on the full data science lifecycle while maintaining the appropriate security for each individual user. All stakeholders involved are enabled with access to insight not realized otherwise.

Tenjin provides automation capabilities to increase delivery speed, boost quality, minimize resources, and simplify processes. With automation monitoring, users can detect errors and optimize processes for increased speed and accuracy. Reusable components accelerate process and application development for faster operationalization. Built-in connectors to widely used applications or custom-made connectors through API promote an open architecture and allow you to incorporate applications outside of the environment stack that may be necessary to have a complete solution for your mission. Tenjin enables interoperation with both existing infrastructure and potential additions to provide a future proof solution.

AI Mission Accelerators - SAIC offers products for faster operationalization of models. These accelerators are out-of-the-box algorithms focused on specific mission scopes that provide a head start to AI. Each accelerator can be broken down to individual reusable components or algorithms for more specific functions within the mission scope. Plug and play these components into applications and processes within Tenjin for faster operationalization of AI. Accelerators are packaged with documentation, video demonstrations and walkthroughs, and example projects to guide model utilization. Currently offered are the Computer Vision, Intelligent Document Management, and Data Fusion & Analytics accelerators.

Koverse Data Platform (KDP) - SAIC provides a single platform for all data, enabling greater visibility and visualization of data sources. With KDP as the secure data management platform, you can manage and govern data from all classification levels – unclassified, secret, and top secret – in a multi-level security (MLS) environment that provides both role based access control (RBAC) and attribute based access control (ABAC). KDP enables ingest and automatic of configurable indexing on all data from any source – unstructured to structured, streaming, and databases – to provide flexible search while maintaining security. Our environment broadens, manages, and governs your data to rapidly and securely prepare it for analytics and AI.



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