Unleash the power of your data—**without letting it run wild.**

ENABLE DATA DISCOVERY, FACILITATE COLLABORATIVE ANALYTICS, AND ACHIEVE SECURITY WITH ONE INTUITIVE SOLUTION.

Resultant

Partners with Purpose

CoRE IS THE ONLY SOLUTION THAT TIES TOGETHER THE ENTIRE PIPELINE: data discovery, data use agreement execution, a secure and collaborative analytic environment, and data export approval.

Sensitive data drives great value but requires **meticulous precaution.**

CoRE allows for rich data sharing while protecting your data and preventing misuse. Owners make their datasets available for discovery; users can easily find available datasets and access the data itself in the secure environment with direct approval. CoRE makes data searchable and accessible without putting it at risk.

Government agencies, universities, and their trusted partners integrate our CoRE solution to swiftly discover, share, collaborate, and analyze within a secure, feature-rich environment monitored by the organization's administrators.

Find out more.
RESULTANT.COM

Facilitate collaborative data analysis **without liability.**

CoRE provides a better, more secure user experience than traditional approaches like data rooms, flat file extracts, or segregated database access. Better user experience—ease of dataset discovery, streamlined access approval, and a preconfigured workspace for analysis—not only decreases time-to-value but builds outcomes previously only imagined.

- Researchers can quickly discover available datasets through a searchable metadata catalog.

- Initial data access requires approval and is limited to the approved project duration. A moderator may limit specific uses.

- A streamlined data use agreement workflow makes data request approval dramatically faster.

- Data lives in the cloud.

- Approved users may analyze data through open-source tools or utilize their own analytics software licenses through a bring-your-own-license approach.

- Code storage, collaboration, and re-use across projects enables more sophisticated analysis while reducing duplicative efforts.

Configurable for your **organization.**

CoRE is a scalable solution comprised of two elements that can be utilized independently or together.

SECURE VIRTUAL ANALYTIC ENVIRONMENT

As a cloud-based solution that's secure and infinitely scalable, the Analytic Environment accommodates sophisticated analysis of secure datasets. The solution enables project-based collaboration, re-use of code within and across projects, and allows both open-source and licensed tools for analysis through a bring-your-own-license model.

- Augmented security features ensure no data is removed from the environment—even through copy/paste—without formal approval

- Cloud resources scale to accommodate real-time usage; you only pay for what you use

- Usage tracking allows you to share running costs with collaborators based on their usage

- Open-source framework means you benefit from advances in cloud services

- Transparency helps prevent project redundancies and repetitions of data treatment

- Linking datasets across agencies and departments is fast and accurate

- Data and visualizations can only be exported out of the environment after review and approval by a designated administrator

DATA ACCESS MODULE

The Data Access Module doesn't just make data visible to users but makes that usage transparent to owners, providing oversight and enhanced security. Because data use agreements are standardized and workflows automated, data owners can evaluate requests significantly faster.

For analysts and researchers, a cloud-based web application provides an intuitive user interface. They can discover datasets via a searchable metadata catalog, more easily request access, and securely create and manage projects. Details of existing attributes within datasets are visible, so they can request only what they need.
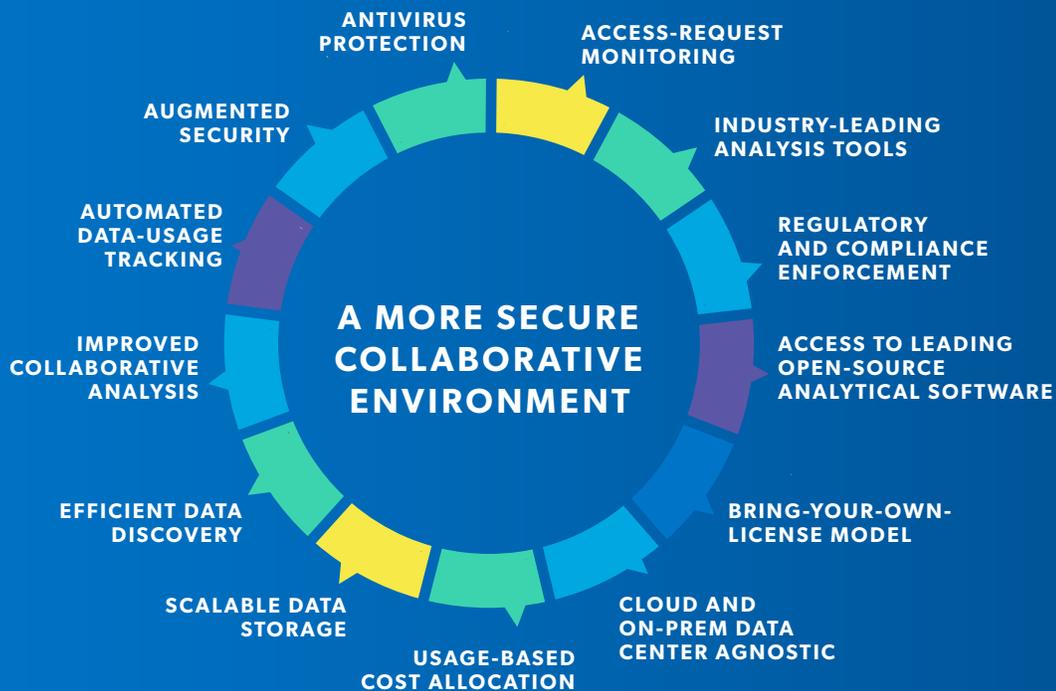
NASCIO Award

The National Association of State Chief Information Officers (NASCIO) showcases the use of information technology to address critical business problems, more easily connect citizens to their government, and improve business processes and the lives of citizens. From among more than 90 nominations, NASCIO chose Indiana's Management Performance Hub as the 2020 recipient of the State IT award for Innovative and Emerging Technology for its Enhanced Research Environment.

CoRE
potential

CoRE has enabled clients to tackle complex and challenging use cases that demanded a secure, easy-to-use platform in order to achieve desired outcomes.

- – Integrate personal health, public safety, and corrections data to battle the opioid crisis
- – Combine clinical and social determinant datasets to better predict adverse health outcomes
- – Tap into the expertise of diverse stakeholder groups to quickly respond to a global pandemic

A MORE SECURE COLLABORATIVE ENVIRONMENT

- ANTIVIRUS PROTECTION
- ACCESS-REQUEST MONITORING
- INDUSTRY-LEADING ANALYSIS TOOLS
- REGULATORY AND COMPLIANCE ENFORCEMENT
- ACCESS TO LEADING OPEN-SOURCE ANALYTICAL SOFTWARE
- BRING-YOUR-OWN-LICENSE MODEL
- CLOUD AND ON-PREM DATA CENTER AGNOSTIC
- USAGE-BASED COST ALLOCATION
- SCALABLE DATA STORAGE
- EFFICIENT DATA DISCOVERY
- IMPROVED COLLABORATIVE ANALYSIS
- AUTOMATED DATA-USAGE TRACKING
- AUGMENTED SECURITY

CoRE IN ACTION: INDIANA'S MANAGEMENT PERFORMANCE HUB

With datasets becoming too big and too sensitive to allow local downloads for research, the State of Indiana needed a better way to determine the efficacy of programs. They realized a cloud-based solution would be the only way to enable researchers to continue to provide much-needed insight and brought in Resultant to help build such a solution—the Enhanced Research Environment—for Indiana's Management Performance Hub (MPH).

While it wasn't begun with a global pandemic in mind, MPH coincidentally deployed ERE only 14 days after Indiana confirmed its first case of COVID-19. ERE proved crucial to the state's COVID-19 response for the same reasons it would revolutionize sensitive data sharing and analysis for the State of Indiana: It unlocked fast, secure collaboration while facilitating complex modeling and machine learning.

If the data sharing required to manage the pandemic had been relegated to email, most of the computation would have been pushed to local environments, resulting in less secure, much slower, non-collaborative analysis. ERE enabled analysts and researchers to access and use critical datasets within hours rather than weeks.

> ERE has created a new ecosystem where people can come and do meaningful work. They just log in and hit the ground running to produce meaningful results for their communities and Hoosiers across the state."

OWEN BOBERG
MPH DATA SCIENTIST

Talk to us about why businesses rely on Resultant—and what we can do for yours.

Resultant is a modern consulting firm with expertise in data, technology, and digital transformation.

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