

Advanced Data and **Technology Solutions**

BETTER OUTCOMES FOR YOUR CONSTITUENCY

Resultant
Partners with Purpose



A dedicated partner in **complex problem solving.**

The kinds of challenges you face while working toward better outcomes for a vast constituency—across agencies and while navigating funding and regulatory issues—aren't easy to define, let alone solve.

We've been working with public-sector organizations for as long as we've been around, finding innovative ways to put context around issues and uncover the opportunity in regulatory and funding limitations. We're proud to have partnered with federal, state, and local agencies to help make lives better through technology.



Find out more.
[RESULTANT.COM](https://www.resultant.com)



Public Sector Experience and Expertise

Our team includes unparalleled technical skill from specialists with experience in the policy areas we specialize in. They bring the best of objective insight and insider knowledge to problem solving that addresses all facets of your challenge.

HEALTH AND HUMAN SERVICES

Our specialists help agencies get more from federal funding with solutions that unlock insights by using sophisticated analysis techniques and integrating data from numerous sources. While meticulously navigating compliance issues, we collaborate with agencies toward increased constituent access, more strategic spending, greater transparency, and healthier outcomes for the people who depend on them.

EDUCATION, WORKFORCE, AND UNEMPLOYMENT

From early care to higher education, creating self-sufficiency and economic prosperity relies on a complex network of services that touches nearly every life. Leveraging data and technology helps agencies find new ways to address unmet needs and ensure more people get the services they need to excel.

PUBLIC SAFETY, CORRECTIONS, AND CRIMINAL JUSTICE

Critically important public-safety efforts become more effective when agencies hold the power of data, technology, and process solutions that deliver answers to difficult questions and help citizens access services. Real-time data analytics enable preventive action, resource allocation, and transparency to public safety, corrections, and criminal justice to help you achieve your desired outcomes.

REVENUE MANAGEMENT AND BUDGET

Agencies come to us when they need greater clarity to improve program outcomes, financial reporting, and expense management. We help solve their most complex challenges through engaged partnership that applies technical excellence and a collaborative process to achieve positive outcomes for people.



Technology and Transformation

We partner with government entities toward solutions that go beyond technology to transformation that helps government entities grow in efficacy and efficiency. Typically, our public-sector work includes some combination of the following:

PROGRAM AND POLICY CONSULTING

Could your program reach further and require fewer resources? We evaluate the efficacy of your existing programs or help you define strategy and build a program that reaches its most productive outcomes by collecting, utilizing, and drawing practical insight from data across agencies.

AGENCY MODERNIZATION

Your technology projects are more than just that: They're organization projects that impact all you do and the people who do it. We work from your current IT, software, and migration challenges to design a solution and carry it through smoothly to ensure change that improves lives and work.

DATA AND INTEROPERABILITY

Leverage data for better decision-making—internally and among your agency partners. We craft effective, secure data solutions and deliver the tools you need to access and utilize reliable data. You get critical information for improving internal processes and secure tools for collaborating across agencies.

**TRANSFORMING
DATA FOR
GOVERNMENT
AGENCIES**

Our work with federal, state, and local government agencies has enabled more accurate, nimble responses to public health, unemployment, criminal justice, and other complex challenges. We're proud of the work we've done to support the following agencies.

NAVAL SURFACE WARFARE CENTER – CRANE DIVISION (NSWC CRANE)

AUTOMATED MICROELECTRONICS ANALYSIS AND REPORTING OPTIMIZATION

Resultant partnered with NSWC Crane to develop the Automated Microelectronics Analysis & Reporting Optimization solution (AMARO) that will help automate and enhance the current supply chain risk assessment process for microelectronic parts critical to programs across the Department of Defense. AMARO leverages machine learning, natural language processing, relationship network mapping, and aggregation of various data formats in order to identify critical nodes in part design, production, and distribution where a product may be susceptible to malicious insertions, inferior substitutions, supply interruptions, or intellectual property theft.





DEPARTMENT OF HEALTH AND HUMAN SERVICES (HHS)

CURRENT STATE ASSESSMENT AND FUTURE STATE ROADMAP

HHS recognizes data to be one of its most valuable assets and believes that collaboratively leveraging its data can drive insight into the health issues faced by the nation. It commissioned a current state assessment of cross-divisional data sharing. Resultant assisted in the current state assessment and identified existing gaps preventing effective data-sharing, resulting in a strategic roadmap for data utilization enablement. This roadmap provides a strategy for unlocking cross-divisional data sharing at HHS to drive stronger data-driven policies and decision-making across the nation. Components of the solution include a data sharing agreement framework, platform design, and platform requirement considerations.

PROOF OF CONCEPT AND IMPLEMENTATION

Building upon the future state roadmap for improved cross-divisional data-sharing, Resultant continued its work with HHS to develop a proof of concept for the processes and data-sharing platform technology set forth in the roadmap. This includes completely reshaping the culture and landscape of cross-divisional data sharing—focusing on standing up a governing framework around data sharing for the purpose of standardizing data request workflows and data use management—and addressing real problems faced by HHS and the nation such as the opioid crisis.



STATE GOVERNMENT

MANAGEMENT PERFORMANCE HUB

Resultant was asked to work with the state to assist in developing a centralized entity focused on changing the manner in which state agencies share and utilize data to drive insight and action within and across agencies and external partners. The result was the Indiana Management Performance Hub (MPH). Our team oversaw three distinct components of MPH: a transparency website, a suite of business intelligence, and an operations technology initiative. MPH is now nationally recognized as a leader in data-driven decision making, data sharing, and innovation in government.

OPIOID EPIDEMIC

Resultant data scientists applied analysis and machine learning techniques to this rich set of combined data, which was previously siloed in separate agency databases, to help understand and address the overdose issue. Our work helped identify optimal locations for new opioid treatment programs, trigger a timely alert email when a significant spike in overdoses occurs, create a publicly available map to visualize hotspots where naloxone

was administered by EMS, and improve the ability to identify nonfatal and fatal overdoses in data from emergency departments and death records. We also used the data and advanced analytics to debunk common myths, showing that syringe exchange programs do not attract more crime, that most overdose deaths involve illicit drugs and not prescription opioids, and that meth-related overdose deaths are increasing but usually also involve an opioid.

INFANT MORTALITY

Resultant utilized logistic regression and machine learning techniques to identify granular at-risk subpopulations and provide actionable insights for stakeholders and policy makers. We integrated the results of the study with SAP Lumira to generate dynamic dashboards and a birth outcome risk quantification tool, allowing users to define input variables and calculate the risk of adverse birth outcomes. By applying this tool to current and future data, state stakeholders can now perform continuous analysis to find new ways to connect at-risk mothers with the resources that will support a positive birth outcome.

PREDICTIVE ANALYTICS TO REDUCE RECIDIVISM THROUGH INFORMED PROGRAMMING

Resultant worked with the Department of Corrections (DOC) to aggregate data from disparate systems—including courts, Criminal Justice Institute, and offender management system—to gain a comprehensive view of historical recidivism, programming, and features that may influence programming effectiveness. Our team leveraged this data to develop a model to predict which programs will have the highest impact on reducing recidivism among offender sub-groups. We developed a tool to surface model results and integrated it into the DOC's existing business processes, enabling case workers to leverage model recommendations when determining appropriate programming.

MEDICAID SYSTEM MODERNIZATION

Following a series of missed implementation dates and waning stakeholder confidence, Resultant joined the modernization project to identify the barriers preventing a successful launch of the system. Developing a scorecard and action plan, Resultant actively managed the resolution of roadblocks with state, vendor, and partner teams; gained buy-in from critical stakeholders; and established a new go-live date for the teams to deliver on within three months of engagement.

ELIGIBILITY SYSTEM MODERNIZATION

As part of assessing readiness of an eligibility system modernization implementation, Resultant identified numerous challenges impacting the successful completion and implementation of the new eligibility system that had been underway for over five years. The Resultant team was then brought on to lead the PMO and testing efforts—confirming scope; facilitating collaboration and establishing an achievable integrated plan across the project and vendor teams; and driving previously disparate and siloed efforts toward a common goal which was achieved with a successful and timely production implementation.

ENHANCED RESEARCH ENVIRONMENT

Resultant developed the Enhanced Research Environment (ERE) to be the go-to platform for government agencies, public sector researchers, and private sector organizations to collaborate and analyze potentially sensitive government and nongovernment datasets in a way that was previously impossible due to data security and distribution concerns. This solution establishes a secure, cloud-native environment with a wide variety of industry leading analytical tools for stakeholders to derive invaluable insights from disparate, yet complimentary, datasets that can help solve the most complex challenges facing our nation, such as the opioid epidemic, reducing healthcare costs, and winning the hypersonic arms race.

CASE MANAGEMENT AND LABOR EXCHANGE

Resultant was engaged by a state agency to determine the necessity of integrating two disparate systems: Case Management and Labor Exchange Solutions. Serving as the Project Management Office

(PMO) for the duration of the engagement, Resultant provided project oversight and collaborated with all participants, driving engagement that ultimately resulting in a successful project launch on the exact date initially specified.

BUREAU OF MOTOR VEHICLES BUSINESS PROCESS REDESIGN

Resultant partnered with the Indiana Bureau of Motor Vehicles (BMV) to lead business process redesign events, finding opportunities and forming recommendations for improvements to technical, business, and people processes. These one- to-three-week sessions engaged cross-functional team members spanning the organization to collaborate and create solutions to the BMV's toughest problems. The improvement opportunities identified in these events ranged from tactical quick wins to strategic enterprise initiatives that will be implemented over several years.

LET'S BUILD SOMETHING GREAT TOGETHER.

Partner with experts toward outcomes that make a difference.

Answer complex questions in partnership with an innovative,
experienced technical team dedicated to your effective outcomes.

Find out more.
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