

# Analytics and data services

Gain rapid insight for enabling mission decisions and outcomes



Harnessing data to gain rapid insights drives mission objectives. A clear vision and an integrated approach to securing, managing and leveraging data enables organizations to protect our nation and deliver improved services to citizens.

Through an innovative data-first approach, Perspecta delivers data-centric services that support better decision-making. From aggregating disparate electronic health records to improving situational awareness on the battlefield, we integrate disjointed data ecosystems and manage, secure and exploit data as an asset to support evidence-based decisions and enable mission success. We provide comprehensive analytics and data services spanning four key service areas.

## Data strategy and transformation

As a trusted partner to our customers, we work as an extension of their team and apply our expertise and industry-leading processes to understand their complex data landscape and mission challenges. Through collaborative workshops, insightful analysis and value

mapping, we drive a data strategy that envisions a future state where information is optimized across the organization. Our digital data transformation approach defines specific initiatives to operationalize analytics to achieve mission goals. The output is a practical road map to improve data usage and deploy the right technologies to direct a customized data journey focused on addressing the most pressing problems. Services include:

- Data strategy
- Analytics road map
- Analytics discovery workshop

## Artificial intelligence (AI) and analytic solutions

Building on our data expertise, modeling tools and domain-based algorithms that improve decision-making, we turn our customer's data into insights. We apply leading-edge technology in machine learning (ML), artificial intelligence (AI) and internet of things (IoT) to provide enhanced insights with real-time situational intelligence and improved business outcomes.

Leveraging activity-based intelligence, we create groundbreaking analytic solutions to track patterns-of-life and strategic communications that apply science to align messaging with a customer's core objectives. Our solutions include predictive modeling, image analysis and augmented analytics that operate at scale and in real-time to optimize information processing and execute the mission more effectively.

Perspecta's approach follows the principles of transparent, explainable and ethical AI as a philosophy to support mission improvement. We know how to integrate AI and analytic solutions with an organization's broader architecture to obtain the highest mission value. We bring cutting-edge analytic innovation and thought leadership in augmented AI and predictive analytics and drive advanced research in new ML paradigms. Services include:

- Artificial intelligence
- Cognitive analytics
- Intelligence analysis

#### **Analytics and data platforms**

The analytic tooling landscape is dynamic. There are hundreds of new technologies across the analytic delivery pipeline, but what is the right set of technologies to meet your business and mission objectives? And how do you integrate these tools into your ecosystem to address the complexity of the data you need to leverage? Organizations need next-generation solutions that deliver performance, unlimited scalability and seamlessly integrate with their current information platform. We design, build and implement advanced data platforms that fast-track deployments of new technology and analytic applications with modern data architectures, right-sized solutions and deployments across cloud and tailored on-site solutions. Services include:

- Analytics architecture
- Integrated streaming analytics platform
- HealthConcourse, a digital health platform

#### **Data management services**

Data is at the center of everything we do and achieving results requires a strong focus on data management. Our data management services address the entire data life cycle including data transformation and extraction, exploitation and storage, security controls and the best method to deliver insights to users via business intelligence dashboards and visualizations. We understand the importance of data quality and data governance and build solutions that provide accurate, timely data to analytic users. We support our customer's goals to deliver data as a service across the organization to effectively power decision-making that impacts mission readiness and outcomes. Services include:

- Data management
- Business intelligence

#### **Why Perspecta**

Perspecta builds and supports some of the largest integrated data environments in government. Our expertise in highly complex data integration and management at speed and scale ensures a clear path to insight that accelerates value realization. We help our customers gain access to their data by ensuring they have a well-managed and well-governed ecosystem of integrated information that delivers data into the hands of decision-makers in visually rich, intuitive designs.

We are experts at standardizing, integrating and automating data across the enterprise to improve processes and reduce the time to complete tasks by as much as 75% by harnessing the full power of our customers' data.

**Learn more at [perspecta.com/analytics](https://perspecta.com/analytics)**