

# Analytics and data platforms

Fast-track deployments of modern data analytics architectures.



## Is it time to rethink your approach to data?

The landscape has changed. The way we think about data, and the way we access data, has fundamentally altered how we approach business problems and their solutions. With modern data tools and platforms, organizations no longer need to need to wait for long development projects in order to leverage data to drive to insight. Today, access to the infrastructure required to manage massive amounts of diverse types of data is easily available at low initial build cost and low risk with flexible scale up capability. Many projects no longer require operational expenditures with the purchase and maintenance of physical servers.

The analytic tooling landscape is dynamic. There are hundreds of new technologies across the analytic delivery pipeline such as automated machine learning platforms, high performance data stores and user-friendly business intelligence (BI) tools. But what is the right set of technologies to meet your business and mission objectives? How do you integrate these tools into your ecosystem to address the complexity of the data you need to leverage? What should you do with the existing investment of data tools and platforms you have today?

## The path forward is not as complicated as you think

At Perspecta, we offer data platform and architecture services to assist in designing, building and implementing advanced data platforms. We bring best practices in analytic applications and data workload optimization to address your analytic requirements. Our big data and analytics experts are skilled in modern analytic architectures and armed with analytic framework accelerators to integrate advanced and proven technologies

into your data ecosystem. We simplify the implementation process and enable a rapid path to start with what matters most.

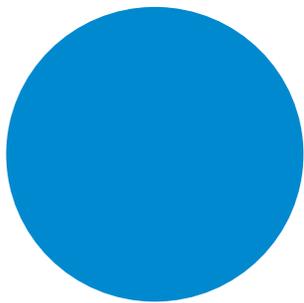
## The right combination of tools + framework

Our modernized analytic and information management framework addresses the need to rapidly integrate, correlate, condition and leverage data within an ecosystem from multiple sources. Based on components that are flexible and scalable, our analytics framework is naturally accommodating to growth and change. Our architects work with you to integrate a unified architecture, which is a future-proof platform for enabling rapid insights for decision-making. We offer full-service enablement—with accelerators for deployment, integration and can deploy in the cloud, on-premise, or in hybrid environments.

A flexible architecture allows your analytic ecosystem to evolve within an agile process, delivering frequent improvements. That means, the time to insight is accelerated by reducing the time to gather requirements and the cost to get a project off the ground. This enables the acceleration of data discovery and the ability to quickly deliver outcomes with value all while aligning to the goals and needs of the organization.

## Enable rapid delivery of value

Our focus at Perspecta is to help our customers bring analytics tools together into a platform that enables rapid delivery of value while aligning with the needs and objectives of the organization. We leverage existing infrastructure, augmenting capabilities while avoiding the cost and time of rebuilding components that already work.



## Benefits

- Increase accessibility, usability and analysis of your data
- Ingest and process a variety of enterprise data (structured, unstructured, batch and real time)
- Leverage disparate data, fast
- Modernize existing data infrastructure through flexible deployment models (cloud, on-premise, hybrid)

We deliver industry-leading, end-to-end data integration, architecture, management, and analytic support based on proven applications for defense intelligence customers. We develop and enable interfaces that facilitate fusion of geospatial information, signals intelligence, foundation information, text data, and publicly available information including open source intelligence and social media. We provide:

- Expertise in designing and implementing some of the largest data platforms in government
- Secure, streamlined entry to the public cloud with proven methods and enterprise integration blueprints
- Advanced data platforms based on benchmarked data patterns and our engineering expertise
- Flexible and agile delivery of analytic tools and platforms at enterprise scale
- Open system architecture that allows for frequent incorporation of technology advancement through integration
- Continuous integration using a structured delivery pipeline and development methodology based on agile sprints and proven combination of commercial and open source tools

Perspecta can help you to seamlessly and rapidly integrate and leverage data sources via a hybrid approach, connecting data you already have from across your ecosystem to bring it together to drive insights and better decision making. By assessing your unique challenges, we can determine the best approaches for mapping existing and new data workloads — by business priority, value and complexity — and for deploying solutions in the cloud, on-premises or in hybrid environments.

## The benefit of working with Perspecta

We look for solutions to maximize return and minimize time, cost and risk. Our analytic and data platform services provide direct benefits which include:

- Planning a data architecture that rapidly integrates new sources, implements transformational architectures and provides detailed insight on advanced technologies dealing with big data
- Providing an approach that considers all aspects of hardware, software, business practices, governance, workflows and analytic methodology
- Learning how to access and make sense of the right information at the right time to deliver business outcomes
- Reducing implementation risks and costs while reducing production deployment time
- Enabling greater predictive capabilities for driving strategies and decisions

The landscape of analytic products and services is crowded and complex. As you consider standing up an analytics platform to incorporate new data tools into your existing architecture, we can plan an executable roadmap and support your implementation to provide a dynamic data management framework. One that focuses on your needs for scalability and flexibility and for leveraging data to achieve your mission.