

UNISYS ADVANCED DATA ANALYTICS SOLUTION

DISCOVER

*Social Data
Network Data
External Data
Internet of Things
Program Data
Apps Data*

DESCRIBE

*Reporting
Dashboards
Visualization
Business Intelligence
Ad hoc Search*



PRESCRIBE

*Risk Management
Advisory Services
Customer Segmentation
Impact Analysis
Change Management*

PREDICT

*Forecasting
Machine Learning
Predictive Analytics
Cognitive Computing
No SQL DB*

Contact Us

at AdvancedAnalytics@unisys.com to connect with our experts.
We'll help you implement affordable big data technologies for data-driven insights that deliver tangible business impact.

To find out more about how our solutions can work for you, please visit
<http://www.unisys.com/advanced-analytics>

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EXECUTIVE OVERVIEW

ADVANCED DATA ANALYTICS SOLUTIONS

UNISYS

YOUR JOURNEY FROM DATA TO BUSINESS VALUE: FAST, FLEXIBLE, LOW-COST

Big data is a proven driver of value, with numerous studies showing companies perform better when they use data for decision making.

MIT research, for instance, shows leveraging big data can boost both productivity and profit by at least four and six percent, respectively. An Economist survey, meanwhile, reported three quarters of top performing executives consider data-based decision-making essential to their success.

Not surprisingly, the big data analytics market continues to surge, as organizations accelerate their transformation into data-driven businesses. IDC foresees the big data technology and services market growing at a compound annual growth rate (CAGR) of 23-percent over the five year period ending in 2019, by which time spending on big data infrastructure, software and services will reach \$48.6 billion annually

Big data analytics initiatives within organizations are also maturing quickly, driven by a need for advanced analytical capability and a willingness to experiment. While the market opportunity looks promising, what are the ground realities that organizations face when they set out on the data analytics journey?

BIG DATA, BIGGER CHALLENGES

Amid all the demonstrated value and service options, however, lie some challenges for organizations as they set out on the data analytics journey. More data can lead to more confusion if all that information is not well harmonized; and more analytic choices means executives must educate themselves to make the right choices for their business.

Big data is only useful if your analytic solutions match the way your organization needs to leverage data to extract insights and value. Success involves three main steps:

1. Correlating relevant data pertinent to a business problem from the array of data sets available within and outside an organization
2. Applying machine learning algorithms to logically connect data and extract business-relevant insights for better business decisions
3. Building an organizational culture that values data-driven decisions and fostering a workforce that realizes the impact data can have on business growth

Without the right analytics partner, the journey can be difficult. Many organizations struggle to deal with the huge volumes of data they encounter in multiple formats from multiple sources. They need highly qualified data scientists to correlate, analyze and process the data for patterns, insights and – ultimately – value for

the organization. At the same time, the insights must be accessible to business users and decision-makers as well as data scientists.

Tight budgets remain a constant pressure along the analytics maturity curve. It doesn't help that massive hype in the marketplace adds confusion to an already perplexing range of technology options and vendors. A lot of the hype centers on the “next big thing” – typically a new capability or point solution that may be exciting, but nonetheless addresses only parts of the analytics puzzle.

UNISYS ADVANCED DATA ANALYTICS SOLUTIONS

What organizations really need is a trusted partner that combines industry expertise and accessibility to create a holistic approach to analytics that is low cost, fast to deploy and less complex. Unisys embraces this holistic enterprise data management view with Unisys Advanced Data Analytics Solutions As a Service. Clients get access to a robust, flexible and rapidly deployable data analytics platform tailored to their specific business needs. Leveraging our recognized expertise in IT consulting, we build the platform's architecture around the Data Lake — a centralized repository of raw data that enables quick ingestion and availability of data for advanced analytics.

WHY PARTNER WITH US

Few vendors offer an “as a service” analytics solution that's as comprehensive as ours. Unisys Advanced Data Analytics Solutions As a Service includes a scalable platform – running in the cloud or on premise – along with skilled data scientists and subject matter experts working seamlessly with your teams to drive business insights and mission effectiveness. As your trusted advisor, Unisys brings 40+ years of experience across vertical markets (including commercial, financial services and government). We understand your business and how analytics can best transform it to new levels of success.

HOW CAN WE ENGAGE WITH YOU

- **Data analytics workshop:** Half day to full day on-site session with selected stakeholders for valuable perspective on the latest technological architectures and analytical algorithms supporting big data. The workshop promotes idea generation, data rationalization and data strategy specific to your organization. Free of charge.
- **Proof of concept:** Quick 30-45 day pilot to show key analytic concepts and data products. We strategically choose small data sets, provide modeling and present business insights that enable critical business decisions to be made.
- **Integration services:** Converting the proof of concept to production quality data products; creating new data products and/or integrating data products from one of our libraries.

Our agile engagement model allows us to refine models and validate results quickly, before full deployment to production. Our experienced Hadoop engineers can size and integrate the Hadoop ecosystem with your existing data sources to create your own custom, enterprise-wide Hadoop data lake for storage.

SOLUTION HIGHLIGHTS



Available on Day 1, as a service on Microsoft Azure and/or Amazon Web Services



Your own custom “Data Lake” for ingesting large amounts of diverse data, compatible with multiple output formats



Available with Hadoop engineering, on premise integration services



Rapid deployment — Go from proof of concept to production quality data products in 30-45 days



Access to skilled data scientists and subject matter experts to drive business insights and mission effectiveness



Analytics-In-a-Box providing analytics support on premise



ETL engineering processes to support near-real-time ingestion of data



Support for structured and unstructured data sets



Federated analytics to support analytics across multiple environments