



**ZIGRON**

*Connected  
Application  
Experts*

Datasheet

## Zigron Big Data Analytics Solutions & Services

Make Intelligent decision on better  
platform!





## Zigron Big Data Analytics Professional Services

Zigron's Big Data Professional Services team partners with your organization to provide expertise and support through all phases of your big data journey from architecture design, through to deployment and use case project implementation.

### Overview

Modernizing your data management ecosystem with Apache Hadoop® has become a requirement for most organizations, but there is more involved than just standing up a cluster. Adoption of a modern data platform is a journey and every step requires different levels of people, process and platform capabilities. Utilizing a reliable services partner with deep, practical expertise is key to your success at each step of the way. Be it an ad-hoc engagement or through a predefined Professional Services offering, our consulting organization supports your data evolution through services tailored for the specific requirements of each stage of your adoption journey. Our focus is to maximize the value your organization can extract from your data assets to bring your Big Data vision to life.

### Pain Points

From dealing with organizational change resulting from an increase in the pace of innovation to gaps in the skillset of available resources surrounding the Hadoop platform, many obstacles can impact the success of your Big Data journey. Without the right expertise or the ability to learn from the lessons of others, your journey can be challenging and sometimes overwhelming. The Professional Services organization can offset these obstacles and better position your teams for success through the expertise gained by working with 1000s of customers globally, delivering guidance and recommended practices while helping each customer further their Big Data maturity.

### Systems Architect — Platform

- Reviews and advises on platform and security Architecture
- Drives HDP/HDF installation, configuration, and tuning
- Delivers cluster administration and operational excellence mentoring

### Systems Architect — Applications

- Capable of functioning as lead for development team(s)
- Mentors your development teams around recommended practices and the intricacies of writing "good code" within the Hadoop ecosystem
- Develops code to drive use cases

### Systems Architect — Data

- Assesses and modifies existing Data Models to fit HDP platform
- Develops short term and long term Data Architectures
- Enriches Data Dictionaries, Source to Target Diagrams, and other key collateral
- Leads efforts in ETL estimation, execution and sharing of recommended practices
- Advises around data validation approaches and delivers recommendations

### Engagement Manager

- Functions as the primary point of contact for any questions, issues, and/or escalations
- Provides engagement oversight
- Manages resources throughout the engagement

### Data Scientist

- Works closely with Customer to help deliver complex use cases to drive how customers use data and increase business value

### US Office:

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**Offering**

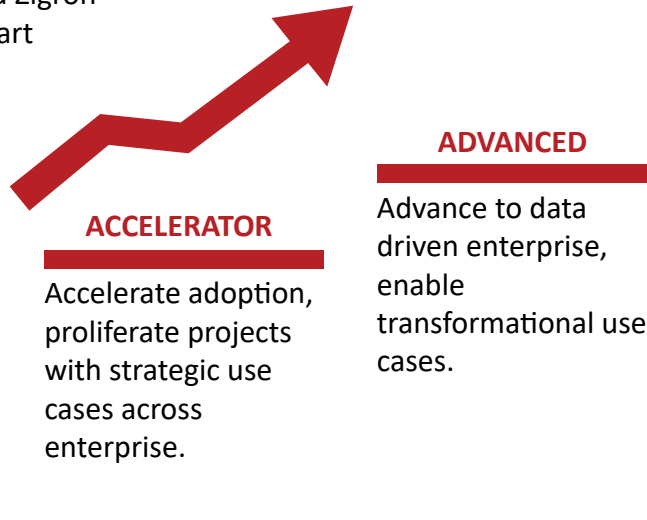
While our portfolio of offerings is continuously expanding, some key areas within each of the three phases of the adoption lifecycle is consistently ordered across our customer base. These key areas include, but are not limited to, our offerings of: ZDP and Zigron DataFlow (ZDF) Quick Start

- ETL Onboard Quick Start
- Data Platform Security Implementation
- Center of Excellence Advisory
- Data Science Advisory and Implementation
- Migration Services to HDP
- Resident Architect

**Method and Approach**

The basis behind any Professional Services engagement is the set of proven methodologies that are developed by our experts in collaboration with product management, and committers from our R&D teams.

Our Implementation, Advisory, and Managed Services are delivered by our global Professional Services consultants, to help you succeed with the adoption of connected data platforms and are paired with our tiered model of engagement, focused on ensuring your people, processes, and technologies are all positioned to succeed and that your organization is positioned to mature.



## End-to-End Data Strategy and Analytics Solutions

**Big Data Impact**

A whopping 90% of the world's data that currently exists was created in just the last two years. Experts are predicting a 4,300% increase in annual data production by 2020. Data rich, but insight poor, many businesses face the challenge of creating a big data strategy to cope with the data explosion and tap into the insight from their data.

Big data has become the new currency for businesses to gain a competitive edge and stay relevant to their customers. According to IDC, 90 %of all data created in the next decade will be unstructured data. The heterogeneous and variable data is a great source for business intelligence and transformative insights. Today, businesses are seeing significant demands on processing and analyzing a combination of structured and unstructured data from the infrastructure, security and employee skill set perspectives.

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## Zigron Value-Driven Data Strategy

### Volume

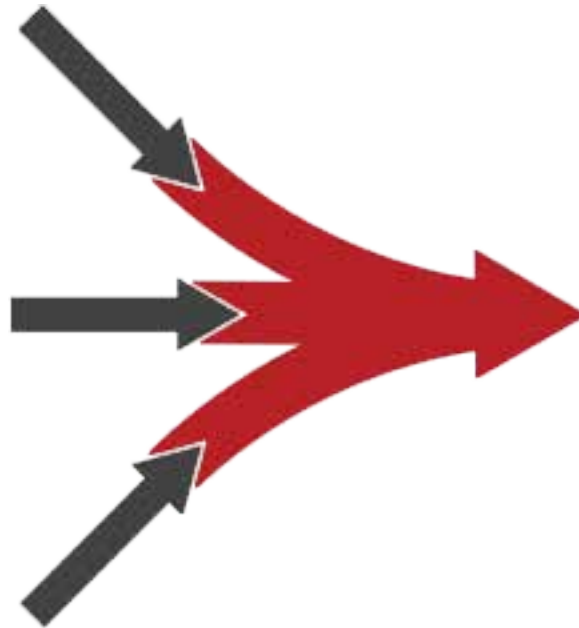
Massive Scale and growth of unstructured data

### Variety

Heterogeneous and variable data in different formats: Email, social media, video, image, etc.

### Velocity

Real-time demands for usable information and insights



### Value

Data-driven business decisions to accelerate growth and gain a competitive edge

## Why Zigron Big Data Analytics

Partnering with industry leaders, Zigron provides end-to-end Big Data Analytics Services to help your business navigate through the complex landscape. We help you extract insights from your data with an innovative approach to capturing, storing and analyzing data. Our big data strategy focuses on driving value for you by dealing with data volume, variety and velocity in parallel. Our solution will enable you to:

- Scale with the pace of data production
- Harness your data to unlock new business opportunities
- Make smarter business decisions
- Improve operational efficiencies and business agility
- Increase revenue and customer satisfaction

## Discover Business Intelligence from Your Data



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## Zigron Big Data Analytics Services

Whether you are on the path to becoming the next-generation data enterprise or just beginning your journey, our data experts can evaluate and advise on the current and future state of your enterprise data strategy as well as create a road map to harness your data for future growth. Our team can also help you identify use cases and execute pilot projects to realize the business potential from your big data strategy.

## Our Services

### Strategic business consulting

Evaluate the current and future state of your enterprise data strategy and provide a road map to harness your data

### Data warehouse and BI consulting

Consult on implementing an effective system for data storage, reporting and analysis as well as the best approach to extracting business intelligence

### Professional services

We provide the best local and national talent to meet all your short- and long-term IT needs

### Industry Best Practices

Implement your strategy from data governance, ingestion, to integration and to security

### Data analytics

Turn data into actionable insights and gain a competitive edge with valuable business intelligence

