



  
MBE Certified Member of NMSDC.  
Ohio, USA

# BUSINESS TRANSFORMATION WITH DATA AND TECHNOLOGY

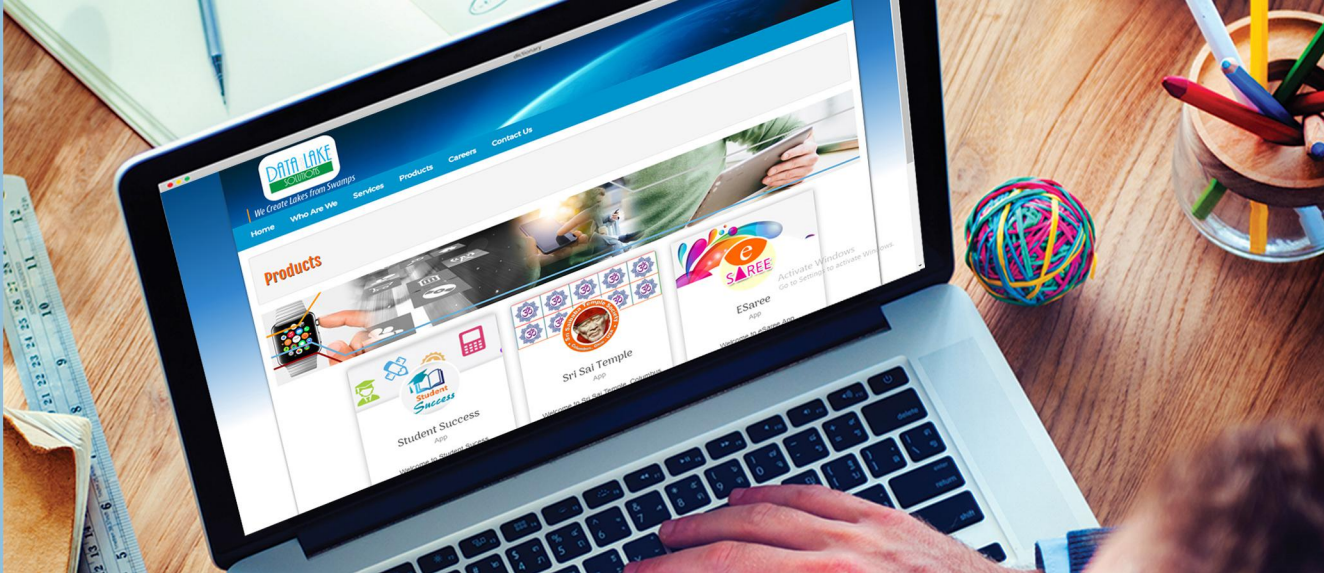


[www.datalake-solutions.com](http://www.datalake-solutions.com)



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**Vision:** Be real to transform the Businesses by curving the data treasures with progressive technology platforms

**Mission:** Make available seamless technologies to the business's transformation with Cost effective and service

DataLake Solutions is a solution oriented firm indulged in serving organizations with work optimizing products and services since July 2016, in India, based in USA. Data-lake has an experienced and dedicated team equipped with knowledge, skills and expertise of modern era to fulfil business requirements and same is rewarded with customer's delight.

Data-Lake is driven by highly qualified, outstanding mentors from IIT, India. Discipline and clear business thought process and adhering to customer's service level agreements makes us feel proud to meet our vision and mission. We generate our next business opportunities from the customer's delight.

Data-Lake brings the change by adding value to the business with the usage of implicit next generation technologies (IoT & Big Data). With Data-lake organizations can benefit cost and service scalability with a high ROI.

Data-Lake serves its clients with their customized wish list, by working on traditional and next generation technology.

# CENTER OF EXCELLENCE .....

## Enterprise Solutions



## Big Data



## Cloud Computing Services



## Products

- **Student Success**  
(School automation solution)
- **Showcase App**  
(Display and Business generation App)
- **GPS Applications**  
(Assets and Human tracking System)
- **Smart Parking System**
- **AMB / ONE**  
(Ambulance management system)

## Technology

- **Hadoop - Spark**
- **IOT**
- **MOBILITY (ANDROID & IOS)**
- **AWS**
- **J2EE**
- **Semantic UI**
- **ANGULAR JS**
- **SaaS**
- **NOSQL**
- **MYSQL**
- **Graphic Designing**

## Services

- **End to End Cloud Computing**
- **SERVER LESS ARCHITECTURE SERVICE**
- **RECRUITMENT AND STAFFING**
- **CUSTOM PROJECT AND PRODUCT DEVELOPMENT**
- **UPGRADE**
- **SECURITY LANDSCAPE SERVICES**
- **SUPPORT**

# IoT INDUSTRY SOLUTIONS

Data Lake's structured IoT Solutions, help clients to enhance their customer experience. Our strategic solutions operate seamlessly and connect to the requirements of the connected products, customers, operations and infrastructure. By adopting our IoT solutions, enterprises can build new revenue modules. We offer solutions in

Analytics & Insights | Consulting | Implementation & Integration Services | Analytics & Insights  
| Pioneering Services | Cyber security

Our IoT Expertise remains in the following respective Verticals:

- Healthcare Applications
- Building/Housing/Office Applications
- Logistics/Transportation Applications
- Education Applications
- Government and Safety
- Energy Applications
- IoT Security



# Big Data Best Practices

Big Data isn't just about technology, it's about strategy. Big Data solutions are most successful when approached from a business perspective and not solely from an IT perspective. There's no one way to ensure Big Data analytics success, however following a set of frameworks and best practices outlined by Data Lake Solutions, can help businesses to keep their Big Data initiatives on track. Based on some of the more recent successful analytics initiatives we have witnessed, are 8 key best practices from a business and technology perspective.



# Data lake core capability in Bigdata Space

- Spark / Hadoop / Parquet based Data Lakes.
- Convert Legacy systems(Ex. Informatica, Data Stage based ETL) onto Spark/Hadoop based systems
- AWS EMR, Cloudera Hadoop and Hortonworks Hadoop setup and maintenance.
- Data Science support using open tools like Zeppelin.
- End to End Cloud Support(AWS).
- Port in-house systems onto Cloud.

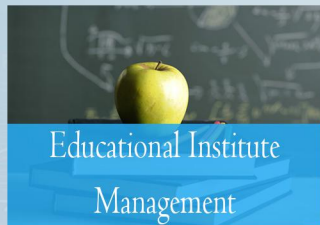
# Voice base echo services



- Mall automation System
- Personalise calendar
- Entertainment
- Food Order
- Flight Info
- Cab Booking (Ola, uber)
- Weather Info
- Facilitating Services
- Local information
- Emergency Services  
(Police, Ambulance and Fire brigade)

- Shopping malls
- Bus Stand
- Hospitals
- Metro Stations
- Railway Stations
- Airports

# INDUSTRIES



Today most of the educational institutions understand the benefits of using Data Management Platforms. The analytics platforms help the educational institutions to get an insight into the students and help to provide best student experience by improving educational outcomes.

Our integrated and custom built Educational Institute Management suite of solutions bridges the gap between the students and the institutions and enables the students to perform tasks and deliver best students experience. Our platform helps educational institutions to build trust and collaborate with students in real time and take strategic decisions. We offer tools for:

- Implementation Services
- Assessment Services
- Enhance/Upgrade Services



IoT solutions enable the companies to collect and monitor the data throughout the links of the supply chain to improve efficiency and expand business operations globally. Get influenced with the power of Data Lake's IoT solutions which provide highly integrated "Transportation and Warehouse Management Solutions" for a complete connected experience.

Our Logistics & Supply Chain Management solutions are an integrated and comprehensive suite of software solutions to help you better manage your supply chain. Our experienced and knowledgeable team provides business focused strategic solutions to the industries spanning globally. Our solutions are flexible and are also designed to handle complex functions of the management.

## Pharmacy & Hospital Management

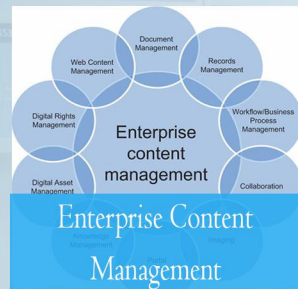
Healthcare organizations are realizing the power of Big Data Solutions for digital transformation of their business to offer higher standard of healthcare. Digitalization of medical records bridges the gap between the healthcare providers and the patients by creating a ecosystem of connected services where the medical care providers has access to the medical history of the patients anywhere and anytime. Data Lakes offer specialized and comprehensive solutions to meet the end-to-end capabilities of pharmacy and hospitals in the healthcare industry.

Our experienced team with their IoT capabilities helps healthcare companies to continuously collect and analyze the clinical and the non clinical data throughout the healthcare system value chain to take quick real time decisions. The speed of communication, patient diagnosis, efficiency in treatment ensures better cost-effective outcomes thereby leading to enhanced customer satisfaction.

# INDUSTRIES

Our team of experts has capabilities to design Pharmacy & Hospital suite of solutions to addresses the complete circuit of back office, central management and front office function of the hospitals. Practical use of our tools can enable healthcare providers to achieve administrative efficiency, deliver quality nursing care, effective medical audit, e-prescription, pharmacy store and stock management and billing. We offer

- Implementation Services
- Assessment Services
- Enhance/Upgrade Services



With rise of cloud, mobile, social and IoT technologies, the way people are working is changing. Employees need access to information and content instantly on any device from anywhere whether they are on the go, or in office or working remotely. This sharing of content is possible only with the Next Gen Enterprise Content Management Solutions. ECM offers the capabilities and functions to access the content easily and securely. The ECM solutions are the digital back bone of the enterprise that successfully handles Digital Content Explosion, Content Mobilization, Cloud and Hybrid infrastructure, Regulatory Pressures, Multi-organization eco-systems and Content platform consolidation.

Through our Enterprise Content Management tools, we assist clients to manage their documents, records and content. The data is securely transferred into a digital repository as and when it is created. By implementing our easily configured ECM software, our clients get to organize their unstructured information thus making it accessible to the right person at the right time. Our key offerings include,

- Implementation Services
- Assessment services
- Enhance/Upgrade Services

## Financial Management

By implementing Big data solutions, financial institutions are able to expand their business opportunities. Enterprises are able to manage their vast data by condensing it into actionable business sights. Through Big data analytics companies are able to collect, analyze and benchmark the data. Our Financial Management solutions help the businesses to derive effective governance of information, understand the lifetime value of their customer, manage customer attrition, counter fraud, achieve compliance, reduce cost and increase the revenue. For Insurance sector, our solutions help to reduce and manage risk, simplify complex analytics, maintain accurate data up to date, retain existing customers and attract new customers.

We provide Financial Management solutions to enterprises across the globe. We design financial management tools to streamline the complex accounting processes and operations of our clients to create a transparent financial management and a profitable business. Business organizations span across several locations geographically, find it challenging to manage financial data. Our financial management tools enable such organizations to consolidate their multiple databases and view the financial and operational information discretely. We offer solutions in

- Implementation Services
- Assessment services
- Enhance/Upgrade Services

# ENTERPRISE HIGH LEVEL PRACTICE

## APPLICATION DEVELOPMENT

We develop robust applications to help the enterprises meet the challenging IT problems and build a sophisticated business. Our extensible and scalable applications are specifically developed as per the business user needs.

DATA LAKE  
SOLUTIONS

## BUSSINESS INTELLIGENCE

With simplified and streamlined BI solutions, Data Lakes helps the clients to find meaningful data patterns to predict and interpret the data to make faster improved data driven business decisions. With one integrated platform, enable the enterprise to access and explore the data securely.

## WEB APPLICATION DEVELOPMENT

Our developers develop a scalable architecture to provide business centric and performance driven web applications. Our applications help the clients to connect, operate, interact and generate business from web browsers.

## MOBILE APPLICATION DEVELOPMENT

Mobile applications are an essential part of every enterprise to get connected with the customers. Our mobile applications help the enterprise to enhance the business productivity. With core capabilities, our developers develop native and cross platform mobile application on Windows,

## CUSTOM APPLICATION DEVELOPMENT

Our custom applications are conceptualized and tailor made on the requirements of the clients. We provide solutions to the enterprise with our customized applications developed on platforms like Windows, Android and iOS.

## CLOUD APPLICATION DEVELOPMENT

With cloud technology, organizations are able to access cost effective software solutions. They want to take advantage of cloud computing to achieve their long term business goals. Our Cloud enabled applications help the enterprise to scale up their operations.

# Clients



■ **Erfolg Marketing Pvt Ltd**





*BUSINESS TRANSFORMATION  
WITH  
DATA AND TECHNOLOGY*

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