

IOT IN FINACIAL AND INSURANCE INDUSTRY

→ WHY IOT

Security is one of the main concerns for both financial institutions and customers. Using IoT in financial services enable companies to capture and analyze vast volumes of structured and unstructured data in order to make more accurate decisions and risk assessments. This way they improve business efficiency as data platforms enable accurate fraud detection, which reduces costs and improve customer satisfaction.

Insurances: IoT technology in insurance service improves its policies and the accuracy of their premiums. Connected devices make it possible for insurers to more accurately calculate the risk of each applicant as GPS trackers and sensors in everything, from our smartphones to our cars, can be used to more accurately predict the possibility of a person engaging in an unwanted event. This means IoT allows insurers to adjust policies as needed.

Banking: The main role of IoT in banking sector is to collect and analyze data on consumer behavior and improve services on that behalf. Banks can exploit advantage of IoT primarily in the following areas: account management with liability, risk mitigation, collateral exposures, connecting devices (ATM's, POS, mobile...), security and privacy issues including personal biometric identification.

→ BENEFITS OF USING IOT

- Secure system of record for critical risk operations
- Customer intimacy
- Secure payments
- Enhanced fraud detection
- Meeting regulations
- Adjusting insurance policies to predict customer's behavior

→ HOW WE CAN HELP YOU

1.

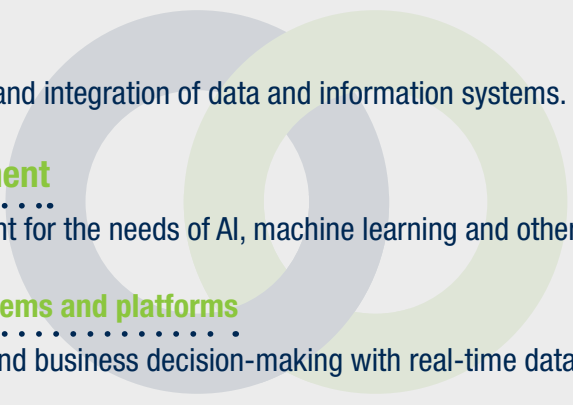
Defining IoT Strategy

- Analyses of your business challenges,
- IoT Strategy and new business processes

2.

Proposing architecture and Design

- Planning, integration and implementation of IoT environment tailored to your needs.

- 
3. **Implementation services**
 - Deployment, management and integration of data and information systems.
 4. **Creating a Data Environment**
 - Creation of data environment for the needs of AI, machine learning and other analytical processes.
 5. **Deployment of analytical systems and platforms**
 - Optimize your operational and business decision-making with real-time data analysis.

→ OUR TECHNOLOGIES

MapR Converged Data Platform enables the industry to mine into the operational data by tapping into all data-sensors, operational applications, precision robots, and fleet management – to converge it onto one platform for processing and analysis, regardless of where the data is located. It is a fundamental platform to start creating advanced AI and ML applications. MapR enables simultaneous analytics and applications, so manufacturers can connect machines, people, and analytics to derive business value from the digitization revolution that this industry is undergoing and develop new business models.

Exsaol is a high-performance s database, designed specifically for in-memory analytics in real-time. It is the fastest analytics database in the world, which enables AI & ML. Exasol provides a high-level of stability, flexibility and is a future-proof solution.

Talend Cloud Integration Platform gives users the power to harness data from any source and migrate it to virtually any application, location, or analytics tool. 900+ connectors make it easy to migrate data between applications while providing the agility needed to stay ahead of the IoT data curve.

MicroStrategy is a powerful BI and analytics platform, designed for development and management of all BI systems, enabling a standardized data visualization. With , comprehensive toolsets, variety of data connectors, and scalable, open architecture, MicroStrategy ensures you have everything you need to extend access to analytics across every team and business function.

→ WHY CHOOSE OUR SOLUTION?

Our solutions will allow you to reach a competitive edge both in operational and analytical environments because they excel in performance, reliability and support integration with your existing systems.