fyr SOFT

Microsoft Partner
Microsoft

Silver Security
Gold Datacenter
Gold Data Analytics
Gold Cloud Platform
Gold Windows and Devices
Silver Application Development

"We're dealing with applications that run our business, so to be able to do this transformation efficiently and manage the updates consistently, is very important to us. That's why we chose FyrSoft."

- John McConeghy,
IT Manager, Pella

6 Microsoft Competencies

2 years running
Cloud Partner of the Year

Over 350 years of collective enterprise workplace experience

Over 75 tailored engagement plans tied to Microsoft programs

Leading Fortune 500 clients choose to work with FyrSoft

Over 250 enterprise clients across 40 states

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FyrSoft's Data Platform Modernization Approach

A 3-step approach spread across 4 weeks to help modernize your data platform on Azure

Envision, Identify, and Scope

- Envision the Modern Data Platform for your organization

- Analyze the customer data estate, infrastructure, applications, workloads, and data scenarios to scope the transition requirement
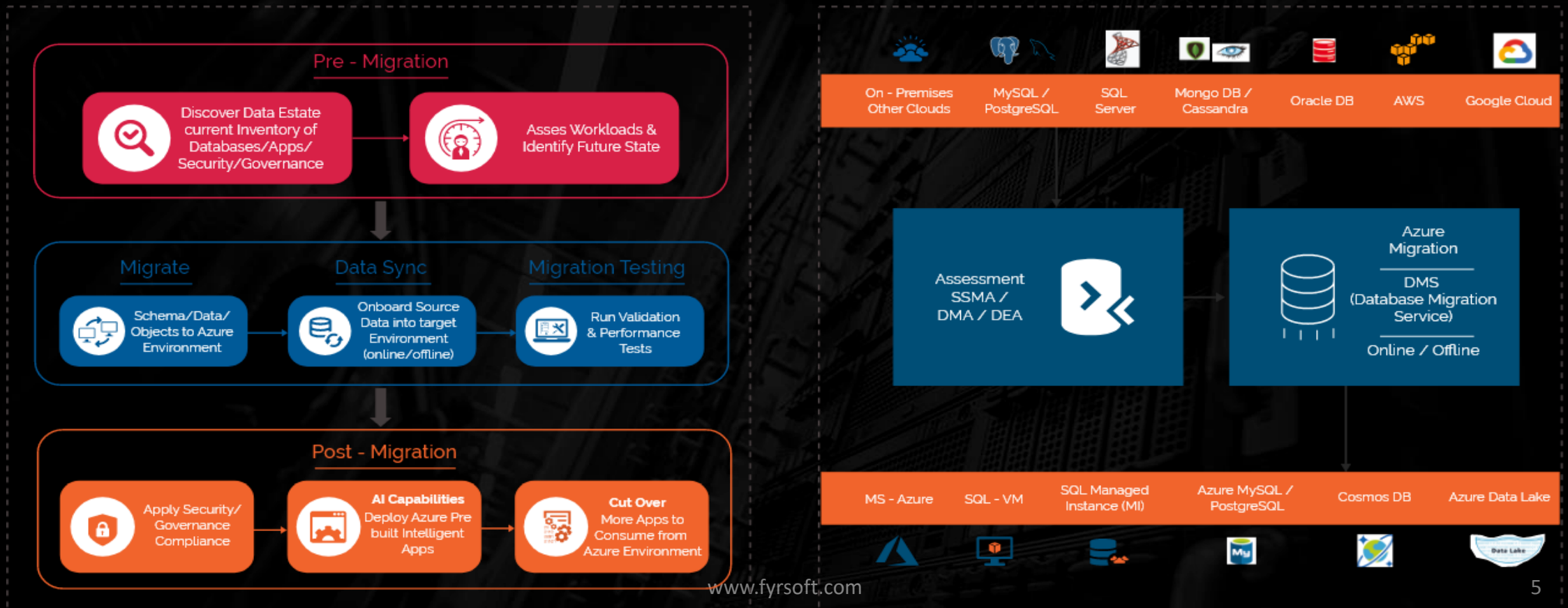
Design & Deploy

- Design and deploy the Landing Zone for data platform modernization

- Design and implement Azure Data Services to host your data

- Design and build new Business Intelligence insights

- Design and implement Azure Data Services to host your data

Validate & Recommend

- Validate your modern data platform with real-time customer scenarios

- Implement ongoing cloud and data governance

- Review additional scenarios and develop roadmap to an optimized environment based on business goals

1 Week

3 Weeks

Our Data Platform Modernization – Architecture and Tools & Service

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Case Study 1 - AccuWeather

The Problem

The Client was interested in aggregating large amounts of Data from disparate systems into a single Azure Data Lake. The Data Lake would provide analysis across datasets and systems to provide the ability to perform more accurate marketing of Internet Advertising based on the data analytics

Our Solution

FyrSoft worked with the client and reviewed all the Systems and Data sources that would represent the overall Data Architecture of the environment. Based on the data analysis, FyrSoft worked with the customer to determine business goals and determine what are the right questions to ask to enable the best usage of the data for advertising

Once the requirements and outcomes were decided the project was off to a great start. The Data and Development harvested Tera Bytes of data from all platforms including Google, SQL Server, Oracle, and Amazon into a centralized Azure Data Lake

Once the data was imported into the system, the architecture was implemented, and the machine learning capabilities started to provide useful analysis of the data that provided predictions in near real-time of the weather forecasts. The data provided the ability to do more real-time advertising to consumers regionally based on predicted weather patterns from the aggregation of data sources and machine learning capability

AccuWeather

Case Study 2 – Washington State Investment Board (WSIB)

The Problem

The Client needed a centralized Dashboard and Business Intelligence solution to provide proactive operational data to reduce the amount of potential outages in the environment

Our Solution

FyrSoft deep expertise in translating vast amounts of operational data into business intelligence using both proprietary tools and Microsoft BI solutions. This solutions was compromised of both

The most essential phase in building an operational dashboards is to identify all the data sources that the dashboard would be consuming. Once the data sources are identified, understanding what data and tables should be consumed from each source is the next step. As the data is examined FyrSoft and the Client worked together to understand what questions are needed to be asked and how the data can answer those questions to provide a proactive view on the environment both holistically and provide the ability to drill-down into the specific problem

Understanding the User perspectives of the data was also a key strategy in developing the Dashboard solutions. Once we were able to identify this as well, we were able to develop wire frames and whiteboard out all the dashboard templates views and corresponding data that was required to provide the correct level of information at the precise time. At this stage, the only left to do was to build the dashboard in both FyrSoft WebTop solution and Microsoft Power BI to allow different views of similar datasets for the different audiences

Thank You