



COMPANY OVERVIEW

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[www.artisconsulting.com](http://www.artisconsulting.com)

# ABOUT US

With our business-centric approach, Artis Consulting helps clients transform their organizations through improved insight and productivity

17+

Years in  
Business

85%

Repeat  
Customers

700+

Successful  
Projects

17+

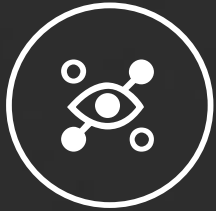
Average years  
/ Consultant



# WHAT WE DO



Data



AI



IoT



Intelligent  
Applications

WE  
BRING

Microsoft  
Partner



Gold Data Analytics  
Gold Data Platform  
Gold Cloud Platform  
Silver Collaboration and Content  
Silver Application Development



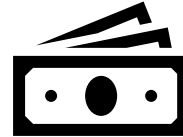
Deep expertise across  
Microsoft's cloud platform for  
Data, AI, IoT & Intelligent  
Applications



# INDUSTRIES



RETAIL & CPG



FINANCE



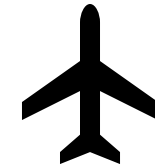
HEALTHCARE



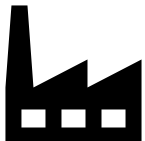
TELECOM



LOGISTICS



TRANSPORTATION



OIL & GAS



MANUFACTURING



DEFENSE



Our  
Area of  
Focus

# DIGITAL TRANSFORMATION

We help organizations understand how emerging digital technologies can enable new business models and transform existing ones.



Engage  
Customers



Empower  
Employees



Optimize  
Operations



Transform  
Products/Services



# DATA ANALYTICS

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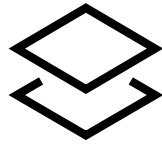
Create a competitive advantage by extracting the value of your organization's least utilized asset – data – by unlocking new insights previously unavailable

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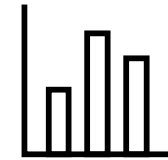
## BUSINESS INTELLIGENCE

Bring your company's data together to discover new insights across Enterprise BI, Self-Service BI and Financial Reporting workloads



## BIG DATA

Harness the power of distributed architectures and the cloud to unlock untapped value of data previously bound by volume, variety or velocity constraints



## DATA VISUALIZATION

Unlock new insights through powerful data visualization tools and best practices and communicate key metrics in a concise, effective manner



# Digital Marketing Agency

Real-time, social-aware, analytics-based digital marketing

## Objectives

Create a solution to build, cleanse, enrich and analyze consumer profile and online activity. Enable marketing to consumers with omnichannel conversations.

## Tactics

Artis built a solution to load and cleanse profile and activity information and a data platform for analysis. Created reusable and parameterized Azure DevOps automated builds and deployments using ARM templates and PowerShell scripts.

## Results

- Enabled real-time, ad-hoc, AI enriched consumer profile and behavior analytics environment
- Created a reusable product for future clients of the company
- Implemented Platform-as-a-Service heavy architecture for more cost effective maintenance and monitoring.

The Company activates consumer engagement based on patterns in data. Their platform uses advanced analytics, machine learning and cognitive intelligence capabilities to find the behavioral, conversational, and relevant patterns in client's data that matter the most. All for the purpose of enabling clients to have real-time, conversational, and meaningful engagement with their brand's consumers.

# Global Consumer Packaged Goods Manufacturer

## Implementing a Massive Scale Azure Enterprise Data Warehouse Solution

### Objectives

Migrate from a Vertica/Oracle Exadata data warehouse to a Global Azure Enterprise Data Warehouse and Reporting Solution

### Tactics

Artis focused on architecture guidance, proving scalability of Azure SQL Data Warehouse and Analysis Services, and assisted with complex design elements for the 4 Pb data lake.

### Results

- Proved scalability and performance of the near-realtime SQL DW and Azure Analysis Services solution
- Established the design pattern to be rolled out in other markets around the globe

This Global Consumer Packaged Goods company is an American multi-national corporation founded in 1837. This firm specializes in a wide range of cleaning agents and personal care and hygienics products. Their product portfolio also includes foods, snacks and beverages.

# Global Airline – Revenue Management

## Migrating APS to an Azure SQL Data Warehouse Solution

### Objectives

Migrate a multi-rack on-premises APS implementation to an Azure SQL Data Warehouse in order to take advantage of the value and scale of Azure.

### Tactics

Artis built Azure infrastructure, ARM Templates, Desired State Configurations, and optimized customer's SQL Data Warehouse and Analysis Services performance.

### Results

- Enabled customer to transform to a modernized Azure Enterprise Data Warehouse and Reporting solution.
- Elastically scalable solution to meet customer's business needs.
- Leverages the latest data and analytics solutions to provide actionable insights.

The Company transports people and cargo through its mainline and regional operations. With key global aviation rights in North America, Asia-Pacific, Europe, Middle East and Latin America, the airline has the world's most comprehensive global route network. The airline, and its regional carriers, operates more than 4,500 flights a day to 338 airports across five continents.



# AI & MACHINE LEARNING

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Achieve more by leveraging AI & Machine Learning to take your data to the next level by incorporating practical data science solutions into your business

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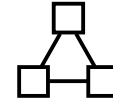
## MACHINE LEARNING

Leverage historical data coupled with supervised and unsupervised machine learning models to discover new predictions and patterns in your data.



## ARTIFICIAL INTELLIGENCE

Incorporate human-like capabilities to your solutions through vision, speech, language and knowledge capabilities through Cognitive Services. Leverage pre-trained models or custom models using popular frameworks such as TensorFlow and Keras.



## OPERATIONALIZATION

Realize the value of your data AI & ML models by operationalizing them at scale as part of a data transformation pipeline or application via APIs and container-based architectures.

# Large Healthcare Delivery Organization

## Workforce Optimization AI

### Objectives

Create a solution that predicts how many part-time employees will exceed a given hourly threshold over a 12-month period given historical patterns.

### Tactics

Artis Consulting implemented an ensemble of predictive time-series forecasting models to effectively predict which employees are going to exceed the given hourly threshold.

### Results

- The solution was able provide prescriptive recommendations for part-time worker hours
- The solution was projected to save ~\$18m across the organization

This organization operates integrated care delivery networks with 68 acute care and specialty hospitals, as well as other facilities designed to meet evolving patient and community needs. Additional facilities within their hospital operations segment include primary and specialty care clinics, diagnostic imaging centers, micro-hospitals and off-campus emergency departments.

# Global Architecture, Engineering and Design Firm

Creating an AI model using customer data to make accurate predictions in a matter of hours.

## Objectives

Prove that AI models could play viable role in the customer's day-to-day operations.

## Tactics

- Conducted a one-day Hackathon, using customer data to showcase the value of Artificial Intelligence (AI).
- Educated the customer on next steps for operationalizing the model.

## Results

Delivered a working AI model that was able to accurately predict whether or not projects would be profitable.

An international company providing structural engineering, diagnostics, civil engineering, traffic engineering, parking consulting, transportation engineering, Intelligent Transportation Systems engineering, and water resources engineering services.



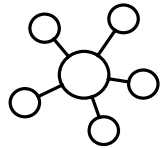
# INTERNET OF THINGS



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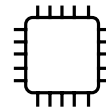
Drive innovation in your organization by extracting insights from all of your company's "things." Whether it's in the cloud or at the edge, IoT digital feedback loops to digitally transform your business.

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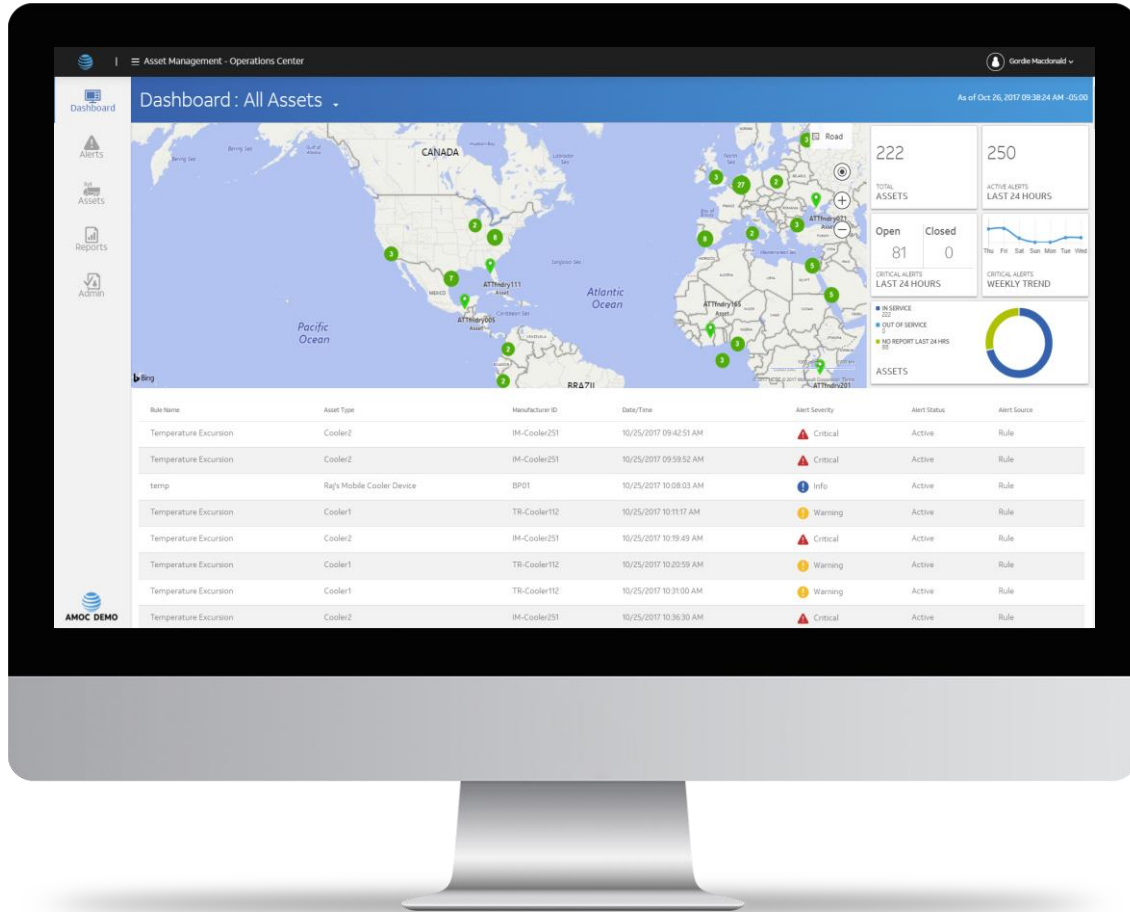
## INTELLIGENT CLOUD

Harness telemetry and signals from sensors and enable centralized management and 2-way communication of devices throughout your organization.



## INTELLIGENT EDGE

Offload processing from the cloud to IoT solutions deployed at the edge and unlock intelligence in low connectivity environments.



# AT&T Operations Center

From zero to launch Artis Consulting designed, architected, built and launched the [AT&T Asset Management Operations Center](#) (AMOC) IoT product, which enables organizations to seamlessly track, monitor, and manage virtually any connected asset in one solution.



Monitor

Easily manage assets from one dashboard



Azure IoT

Built upon the Azure IoT Suite of services



# Ziosk AAA IoT Service



CASE STUDY

Needing a better way to manage over 170,000 devices across the United States, Ziosk engaged Artis Consulting to build an automated IoT onboarding, and command and control service with the Azure IoT Suite of services.



Manage

Remotely onboard and maintain devices



Secure

Strengthen and automate security key process



# INTELLIGENT APPLICATIONS

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Build highly secure and scalable AI Oriented Applications for Mobile, and Web to drive internal and external innovation.

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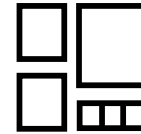
## INTELLIGENT APPLICATIONS

Drive your transformation with "smart" products and services infused with AI & machine learning



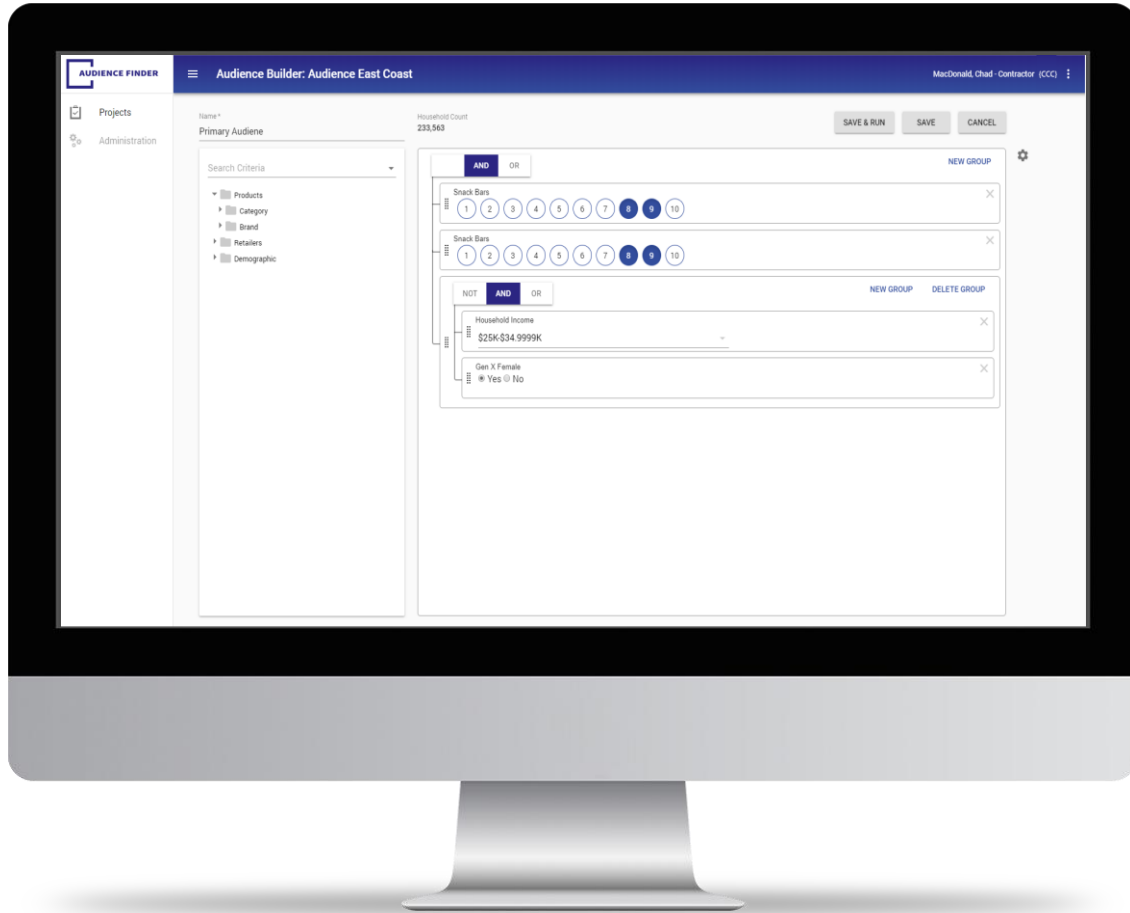
## WEB/MOBILE

Build highly secure web, mobile and IoT applications to drive internal and external innovation



## POWER PLATFORM

Identify opportunities for improvement and new ways of work through low-code development.



# Analytics UI

Provide the entire company the ability to leverage advanced analytics. Built upon a data warehouse with more than a billion of rows of data, returning results in milliseconds



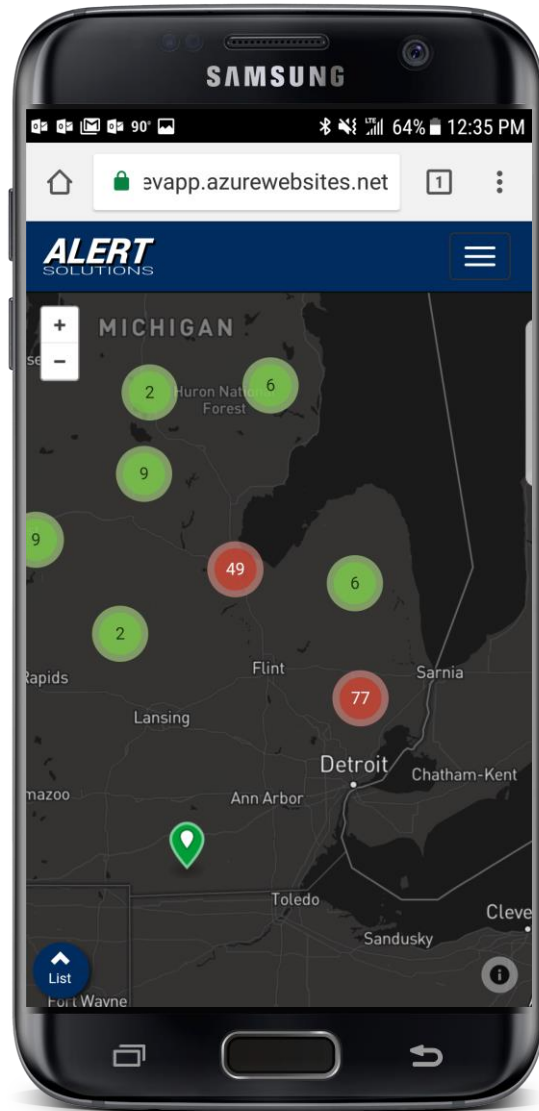
## Analytics

Advanced insights for all employees, not just the data scientist



## Transform

Provide advanced digital services leveraging Azure



# Alerting Solution

Timely alerts to field operations improves sales and customer satisfaction. The Alert Solution allowed this customer to notify operatives to take action, and then collect immediate feedback.



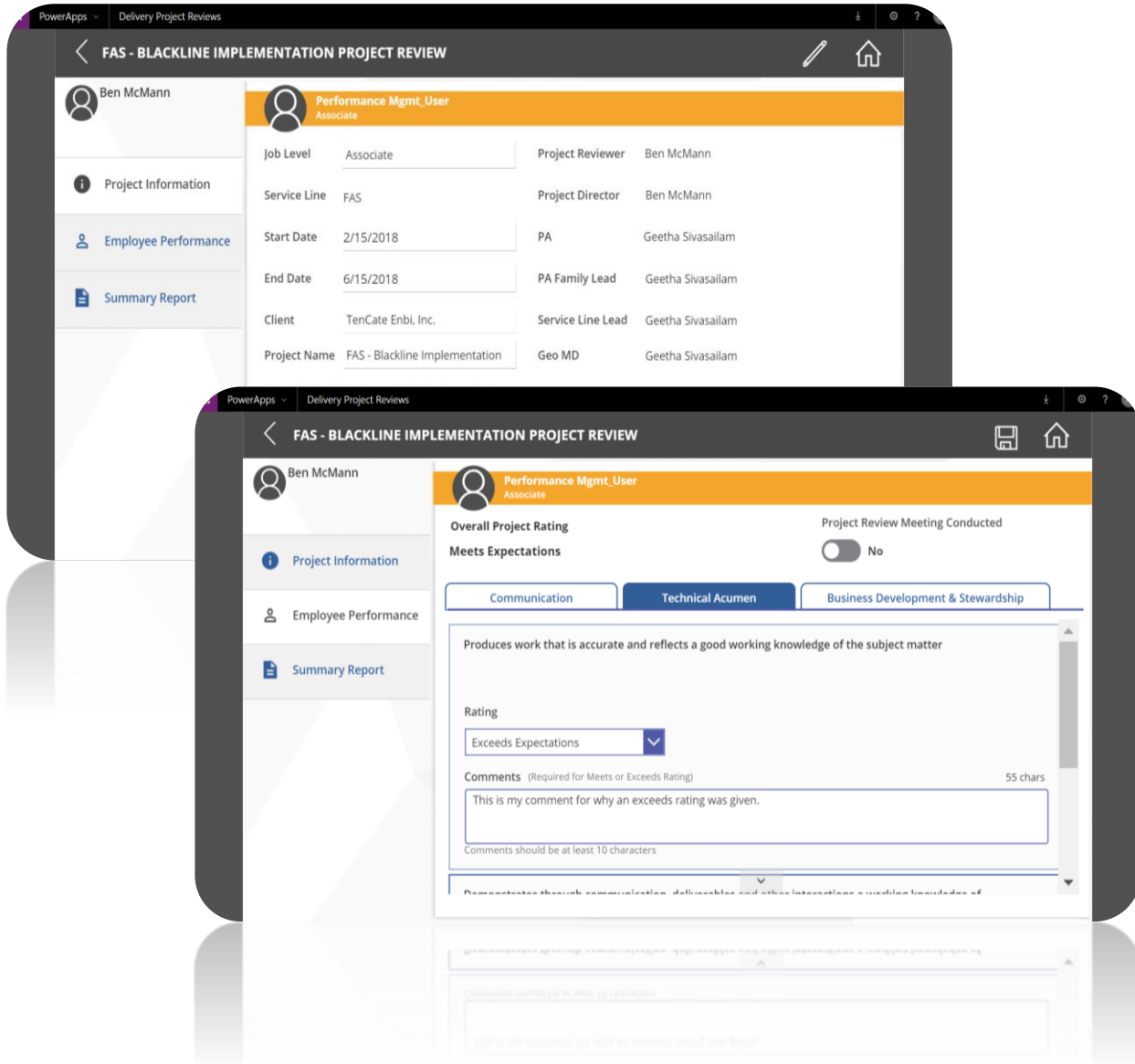
## Mobile

Easily manage assets from one dashboard



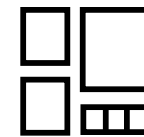
## Optimize

Optimize operations through data and communication



# Low-Code Apps

PowerApp created to capture project and employee-related metrics for a professional services firm focused on financial services. The PowerApps solution allowed this customer to incorporate data captured about projects and employees into executive dashboards and performance reports delivered with Power BI.



## Power Platform

Easily create no-code and low-code apps with PowerApps & Flow



## Enable

Enable Business Users to create new capabilities quickly





# HOW WE ENGAGE

# ENGAGEMENT MODELS

Whether you need help with data analytics, collaboration, or a digital transformation initiative, we offer flexible ways to engage with us.

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1

## PROJECT OWNERSHIP

Artis provides a team to deliver the proposed solution

2

## BLENDED TEAMS

Artis is responsible for ultimate delivery but team members come from both Artis and the client

3

## TACTICAL EXPERTISE

Artis will engage to aid in project delivery but ultimate responsibility lies with the client team

# ENGAGEMENT TYPES



## STRATEGY

Establish a strategic roadmap for analytics, collaboration or IoT. Business focused, not product or technology focused.



## PROJECTS

Leverage proven methodology to deliver solutions consistently and predictably. Adaptable to client methodology.



## TRAINING

Curriculum developed via practical project experience. Adaptable to leverage your data. 1, 3, or 5 day options.



## QUICKSTART / POC

Accelerate understanding and adoption of specific platforms. Leverages Microsoft's cloud to minimize initial investment.



## DESIGN SPRINT

A 5 day process to answer critical business questions through design, prototyping and testing ideas with customers (internal or external).



## MANAGED SERVICES

Subscription based offering that provides proactive support and monitoring for your solution. Leverage domain expertise without incurring FTE cost structures.

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THANK  
YOU