



Audax Labs Cloud Optimization Assessment Service

Our Capabilities & Experience

Audax labs is an Innovation Partner with a strong System Integrator background. We work with enterprise clients in their innovation journey from ideation to enterprise grade deployment.

PARTNERS

HITACHI
Inspire the Next

Microsoft
Solutions Partner

talend Partners

Google Cloud
Partner

CUSTOMERS

HITACHI
Inspire the Next

Microsoft

Parker

KARMA

EV Bike Manufacturer

Rabobank

9to5
seating

Kelvin

Bonsai
mediagroup



AUDAX
LABS

INDUSTRIES

Automotive

Manufacturing

Healthcare

BFSI

Retail

TECHNOLOGIES

AI
Artificial Intelligence

AR, VR, & XR
Augmented Reality

IoT
Internet of Things

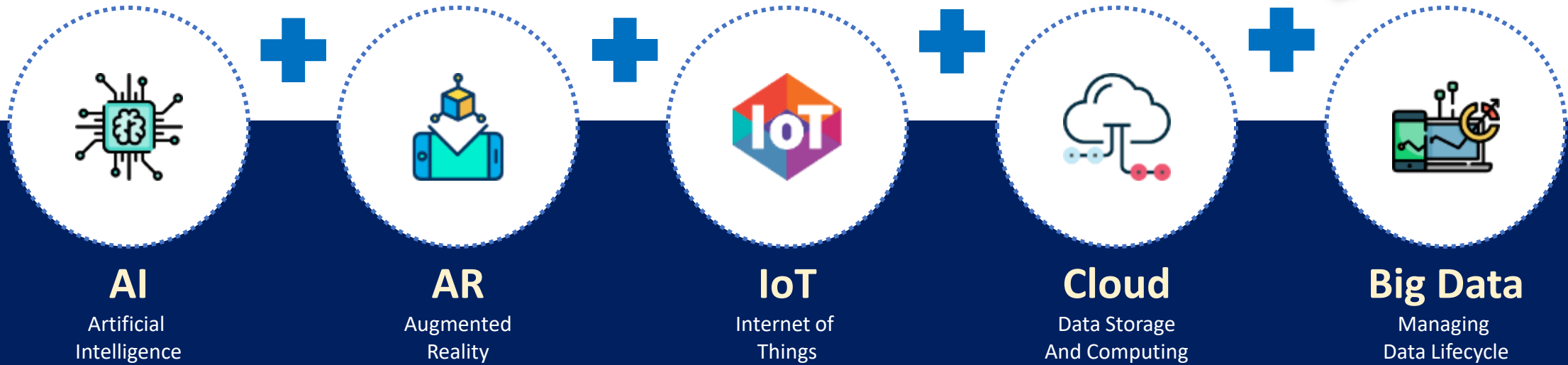
Cloud
Storage & Computing

Data
Managing Data lifecycle

GLOBAL PRESENCE



Making Enterprise Smarter Leveraging Outcome Driven Innovation!



Traditional Technologies



Challenges in Cloud Adoption



Reduced Visibility and Control

- Unauthorized use risks through on-demand self-service provisions.
- Potential exploitation of API vulnerabilities.

1



Multi-Tenancy Risks

- Compromised separation among tenants due to vulnerabilities in multi-tenant environments.

2



Data Security Concerns

- Threats related to data loss and deletion due to limited visibility into data storage locations.

3



Credential Compromise

- Unauthorized access to cloud services through compromised credentials.

4



Insider Threats

- Damage or information exfiltration by insiders abusing authorized access.

5

Cloud Optimization Assessment Pillars

_01 Operational Excellence

Aligning strategies with Cloud Optimization Assessment guidelines for motivations and financial considerations.

_02 Security

Addressing IAM, data classification, application security, and implementing measures against vulnerabilities.

_03 Reliability

Ensuring high availability, backup, and restoration, enhancing cyber resiliency.

_04 Performance Efficiency

Optimizing cloud resources, including compute, network, and storage, based on native features.

_05 Cost Optimization

Recommending cost-effective solutions, from pay-as-you-go to reserved instances, ensuring financial prudence.





Pre-Assessment Timeline & Activities



Kick-off & Understanding:

Identify key contacts and gain access to the cloud environment.



Workshop and Analysis:

Review the current implementation and analyze logical architectures.



Findings and Recommendations:

Document findings, propose recommendations, and create a remediation roadmap.



Final Report:

Issue final deliverables including executive summary, findings, improvement opportunities, and the roadmap.



RAPID ASSESSMENT OVERVIEW

- A focused evaluation of one application in a public cloud environment, ensuring compliance with cloud best practices and Cloud Optimization Assessment guidelines.
- Conducted within 1 to 2 weeks through interviews and tool-based discovery.

SCOPE AND ENGAGEMENT DETAILS

- Evaluation of 1 application with up to 10 workloads, limited to 1 hyper scaler.
- Utilizing onshore or offshore resources as per client preferences.

INDUSTRIES BENEFITING:

1. **Alignment with Cloud Optimization Assessment:**
Evaluate and align with Cloud Optimization Assessment guidelines.
2. **Implementation Plan:**
Define strategies, understand motivations, and create a business case.
3. **Cloud Adoption Plan:**
Develop a plan for the digital estate, initial organization alignment, and skills readiness.
4. **Azure Setup Guide:**
Provide guidelines for setting up Azure, including landing zones and best practices.
5. **Migrate, Adopt, Innovate:**
Guide through migration, adoption, and innovation phases, ensuring best practices are validated.
6. **Validate & Optimize:**
Ensure ongoing adherence to cloud best practices and Cloud Optimization Assessment guidelines through optimization.
7. **Manage:**
Establish a baseline for operations, commitments, and maturity in cloud optimization.

Tools and Technology



Azure Cost Management and Billing

This tool empowers customers to monitor, allocate, and optimize their Azure expenses. It provides detailed insights and recommendations to enhance cost efficiency.

Azure Monitor

Designed for analyzing the utilization of cloud resources, aiding in optimizing performance and resource utilization.

Azure Advisor

This tool generates personalized recommendations, guiding customers in optimizing their Azure resources for heightened availability, security, performance, and cost-effectiveness.

Azure Reservations

With Azure Reservations, users can prepay for Azure resources, such as virtual machines and SQL databases, for one or three years. Committing to longer-term usage offers a significant discount.

- Azure Virtual Machine Scale Sets
- Azure Blob Storage Lifecycle Management

Why Choose Audax Labs Cloud Services



Trusted Partnership

A customer-centric one-stop shop committed to co-creating innovative solutions.



Flexibility and Coverage

Flexible and comprehensive offerings tailored to your needs, managing multi-cloud and on-premises estates efficiently.



Global Reach

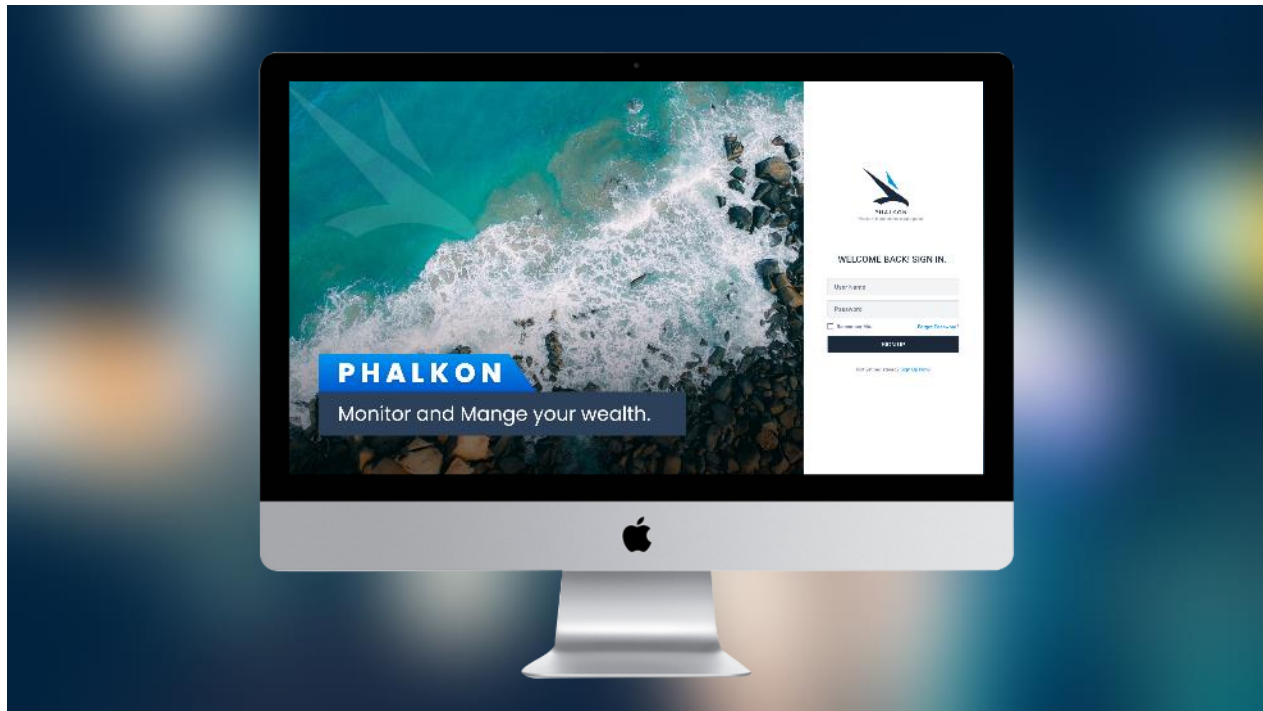
A global presence with experienced practitioners supporting diverse environments and addressing local regulatory requirements.



Advanced Delivery Model

Intelligent operations through task automation and standardized processes, backed by skilled SREs versed in DevSecOps across hyperscaler and traditional IT services.

Assessment of a Wealth Management Tool to Azure Cloud



Challenge:

Luz Capital, a Mexico based wealth management consulting for private banking and hedge funds needed capability to manage hedge funds, present risks, and allowed their customers to control their wealth instantly.

Luz Capital wanted to enhance their legacy system and migrate from on-premise to cloud and make it scalable and secure.



Solution:

Audax Labs developed Wealth Management Application on Azure Cloud which is highly scalable and secure. The application provide high performance and support to thousands of concurrent users with different authorization levels. The legacy system functionalities like end of day process, custodian data input etc. were automated.



Outcome (ROI):

- Enhanced customer experience
- Reduce inventory cost
- Fast and effective transactions
- Can minimize staffing cost
- Saves time



Solution Component:

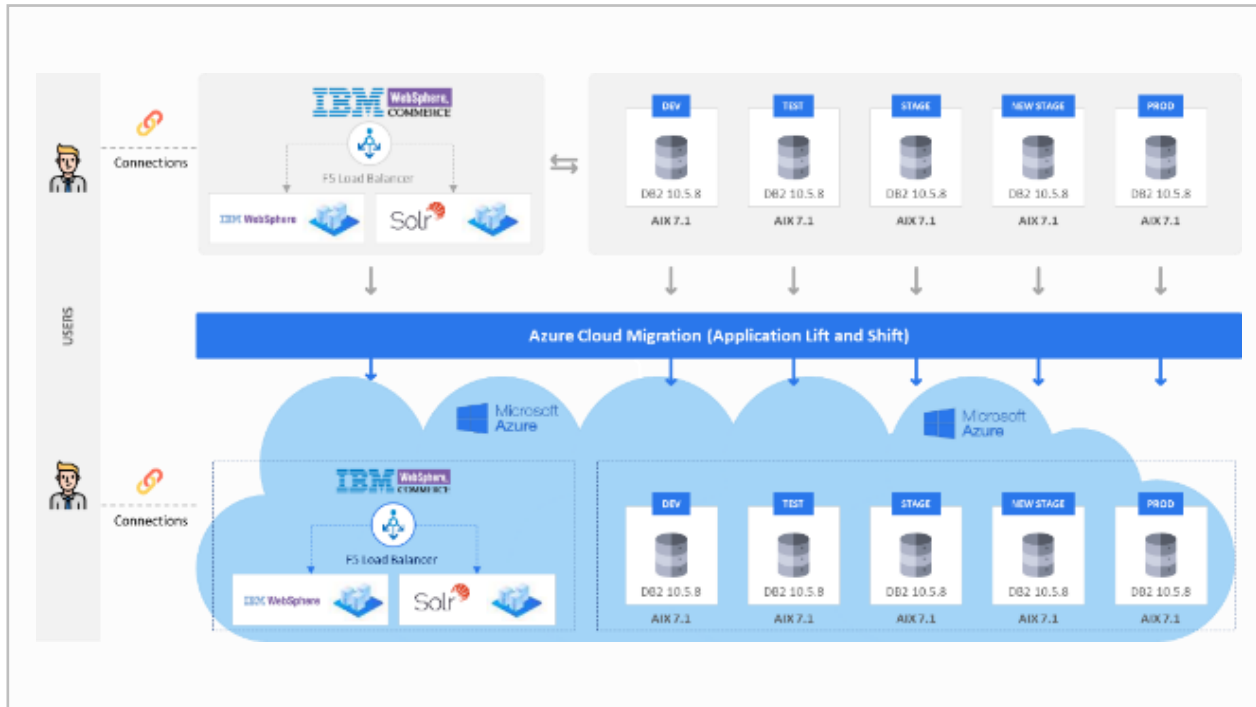


Cloud Optimization Assessment for US based manufacturer



Challenge:

A large manufacturing company based in Ohio wanted to make their environment stable and scalable by moving their systems from On Prem to Azure Cloud. Their current environment is based on On-Prem WCS hosted in IBM AIX server utilizing DB2 databases



Solution:

Audax Labs proposed to migrate their existing WCS environment and DB2 database from On Premise AIX to Microsoft Azure (RHEL) using Cloud migration framework

Audax Labs migrated more than 70K DB2 objects from AIX DB2 to Azure Linux DB2. Audax Labs created 5 different WCS environments in Azure for the customer



Solution Component:



Outcome (ROI):

- Scalable and Stable environment
- Cost effective
- Scope of business expansion
- Accessibility to data for analytics

Optimization Assessment of customer data to a Data Lake



Challenge:

Our customer seeks to address the challenge of enhancing data operations to optimize customer service management. They require an effective centralized Data Lake Solution to monitor data coming from various sources and deliver meaningful insights, minimize downtime, and mitigate data breaches. Currently they have scattered data that costs them a lot of time to monitor, manage, address it.



Solution:

Audax Labs proposed an optimization plan for their data management apps, shifting from AWS S3 to Azure file share. In the plan, Audax Labs employed Microsoft Defender to scan for viruses, moved clean files to ADLS Gen2 and the Iron layer, and streamlined data into Parquet format in the Bronze Layer. Assessment suggested to establish a Data Lake in the Silver Layer to manage records and transaction logs.

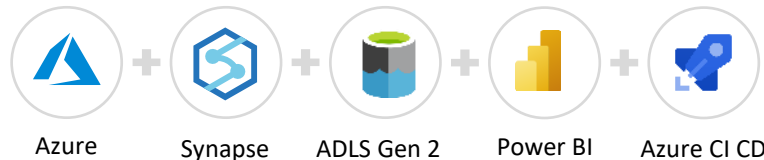


Outcome (ROI):

- 13% savings on operational cost
- 7% savings on infrastructure
- 18% boost in product performance
- Promises a robust Data Lake solution
- Mitigates downtime and risk of data breach



Solution Component:





Outcome Driven Innovation!
