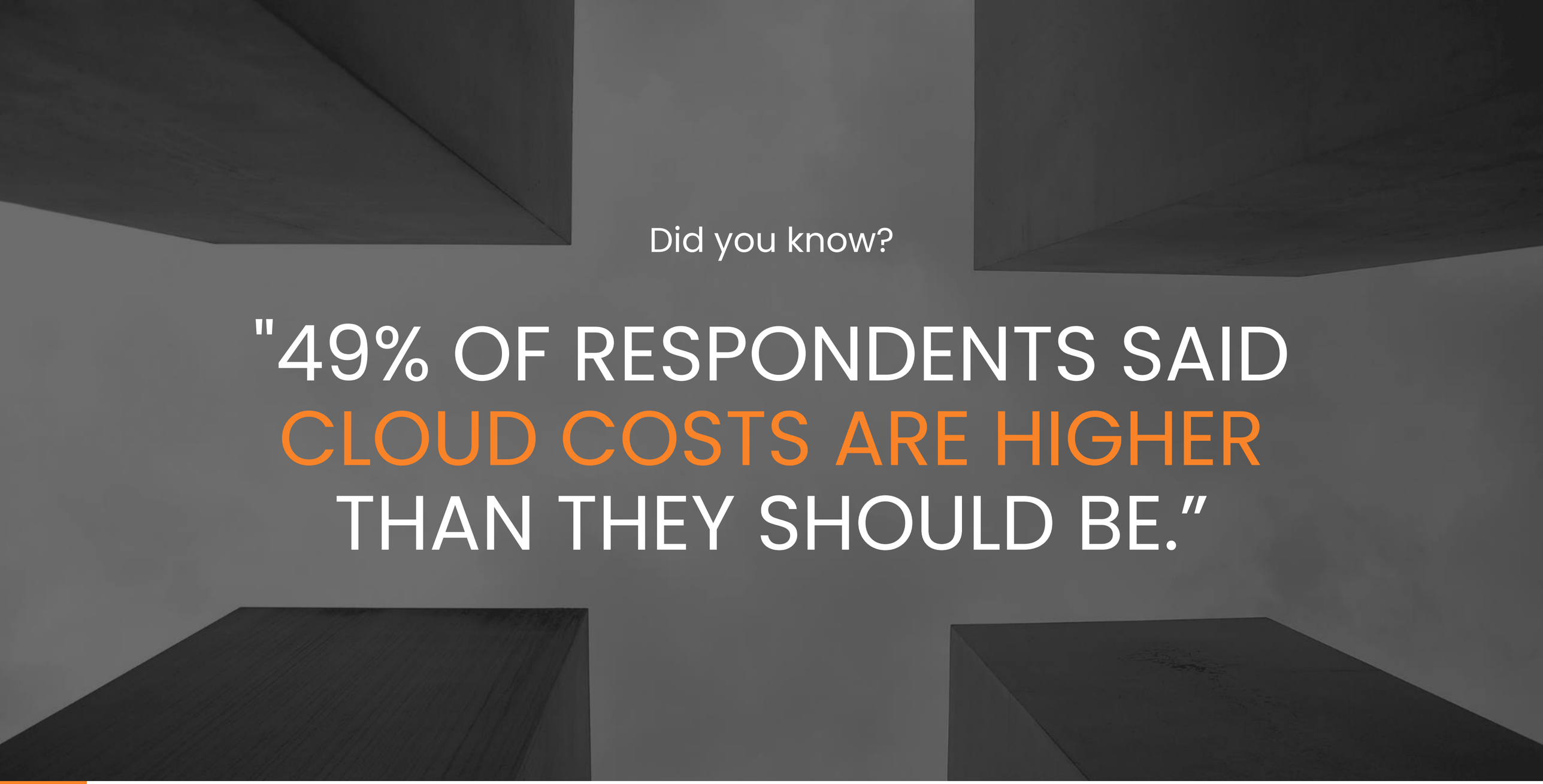
Enabling Azure Cost Optimization

Governance and best practices,
insights and recommendations,
cost controls and guardrails,
and much more

SAXON

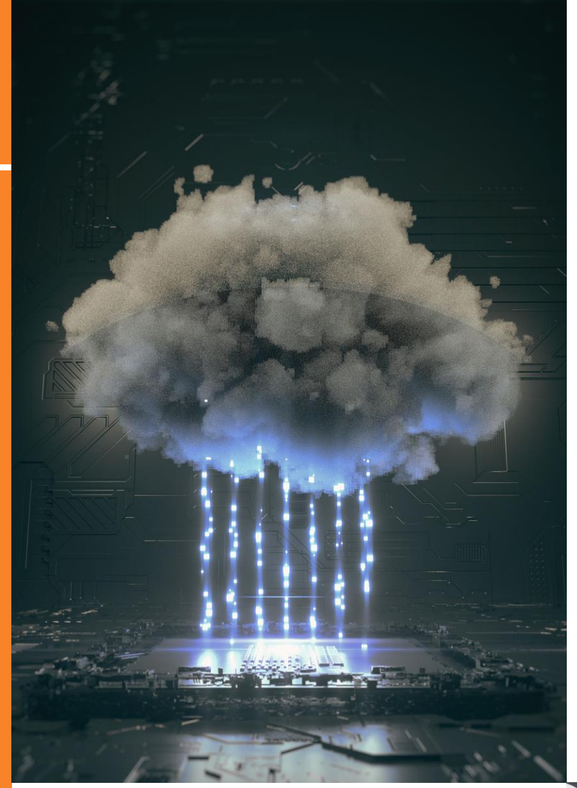


Did you know?

"49% OF RESPONDENTS SAID CLOUD COSTS ARE HIGHER THAN THEY SHOULD BE."

Azure Cloud Infrastructure optimization ensures efficient Resource utilization, Reducing costs, and Enhancing Performance, which is crucial for maximizing business value.

3 Key Pillars of our Cloud Cost Optimization Approach



Visibility

Optimization

Governance

WHAT WE DO –TO MAXIMIZE RETURNS FROM YOUR CLOUD EXPENDITURE

~40% Reduction In Cloud Spend

- Cost management governance
- Cost-relevant insights and recommendations
- Azure Advisor best practice recommendations
- Cost controls and guardrails
- Azure offers and licensing terms
- Optimizing workload costs
- Resources to help you save

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Cost Optimization Framework

Saxon would gather data from cx's on

- Existing cost details
- Inventory of Azure services
- Usage patterns
- Performance metrics
- ongoing Operational Costs
- Governance mechanism

Phase -I

Data Gathering & Cost Analysis (Free Assessment)

Perform Cost Analysis at Management Group, Subscription, Resource Group, Resource level & Identify the opportunities of cost savings

Saxon will Provide the outcome of the Assessment

- Observations
- Metrics
- Reports

Phase -II

Recommendation on Cost Optimization & Strategy Roadmap

Prioritization of Cost Optimization & share Cost optimization implementation Roadmap

Saxon would provide

- Prioritized recommendations
- for cost saving opportunities
- Strategy roadmap for the implementation

Discuss

- Logistics & Financials

Phase -III

Implementation of Cost optimization Recommendations

Saxon team works with cx's engineering team to provide High quality solutions in 2 phases

- Immediate Impact
- Long term sustainability

Saxon would provide

- Cost savings summary
  - at Management Group
  - Subscription
  - Resource Group
  - Resource level
- Comparative stats before & after cost optimization

Add - on

Cost Optimization Managed Services Offering

- Build and adjust cost optimization strategy (ongoing)
- Automate cost tracking and management
- Ensure ongoing cost savings

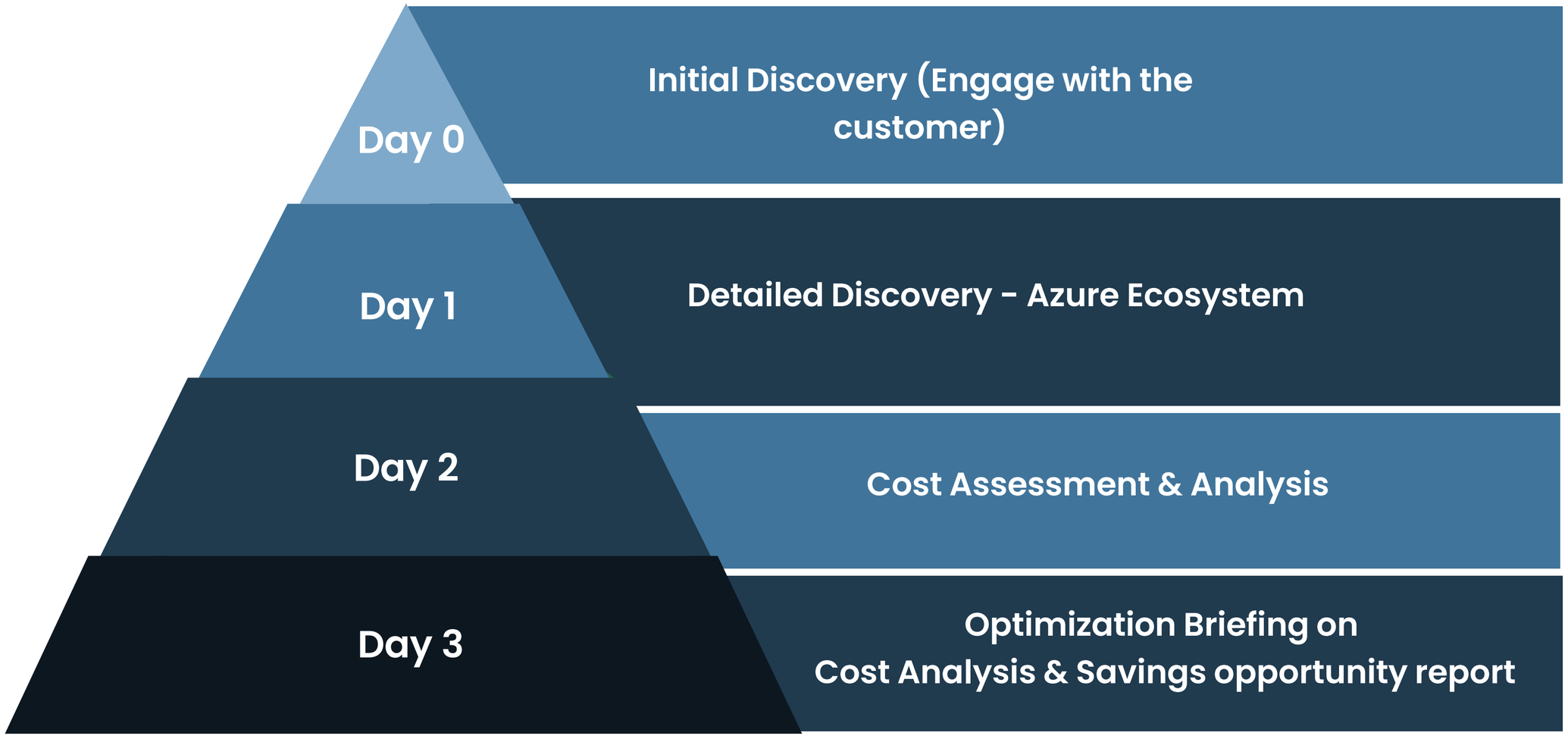
Microsoft Azure

Get started with a

3 Day FREE Assessment

WONDERING WHERE TO START?

Phase 1 (Azure Cost Analysis)



Cost Assessment Details - Day wise Approach -- Day 0, Day 1

Phases	Day wise Approach (Summary)	Deliverables
Phase 1 (Azure cost Analysis)	Day 0 --> Initial Discovery [Engage with the customer (Cx)]	• Assess current Azure estate and cloud journey. • Identify current challenges and future expectations. • Review past optimization efforts by in-house or external teams. • Present Saxon's Cost Optimization Methodology • Discuss Saxon's phased approach. • Highlight additional value-add services (Performance, Reliability, optimization) • Provide details of Saxon's Azure engineers and their specializations
	Outcome of Day 0 : Upon approval, schedule Project Kick-off meeting & Get Reader access to explore the Cx's Azure environment	
	Day 1 --> Discovery - Azure Ecosystem	• Identify Management Groups, Subscriptions, Resource Groups, and Resources. • Analyze usage patterns on different time scales (Month/Week/Day/Hour). • Understand detailed usage patterns across Subscriptions, Resource Groups, and Resources (Monthly, Location, Meter, Meter Subcategory, Environment, Charge type, Billing period, Service tiers, Tags, etc.). • Conduct a detailed examination of permutations and combinations to derive pattern logic. • Document the observations.
	Outcome of Day 1 : Document the Inventory list & Usage patterns	

Cost Assessment - Phase wise Approach -- Day 2, Day 3

Phases	Day wise Approach (Summary)	Deliverables
Phase 1 (Azure Cost Analysis)	Day 2 --> Cost Assessment & Analysis	• Identify Long-Term Cost Savings Opportunities. • Identify Quick-Win Opportunities. • Assess Risks to Business Data Security and Vulnerabilities. • Identify Resource Waste, Scheduling, and Scaling Opportunities. • Evaluate Automation Opportunities in Azure Costing. • Analyze Workloads and Interdependencies between Performance and Cost. • Conduct Cost Analysis at Subscription, Resource Group, and Resource Levels. • Explore Reusable Cost Optimization Techniques. • Analyze Existing Licenses Usage and AHB Opportunities. • Conduct Cost Drivers and Tagging Analysis. • Review and Assess the Existing Cost Governance Process, including Monitoring and Alerts.
	Outcome of Day 2 : Document the Cost Analysis report (Strategy to Tactical level)	
	Day 3 --> Azure Cost Analysis, Savings & Optimization Briefing	• Provide a Cloud Inventory Summary for the Customer (Cx). • Outline Cloud Cost Challenges and Resource Distribution Across Regions. • Offer a Comprehensive Cloud Spend Summary for Cx. • Deliver a Sample Cloud Cost Consumption Report from High Level to Granular Detail. • Present an Analysis of Resource Groups, Services, and Metered Categories. • Propose Strategies for Reserved Instances, Savings Plans, Spot Instances, and Pay-as-You-Go. • Implement Tagging and Cost Allocation Strategies. • Deliver an Analysis Report on Current Strengths and Improvement Opportunities. • Summarize Usage Patterns and Conduct Cost Trend Analysis. • Compare Current State vs Future State of Cx Cloud Spend. • Identify Day-wise, Month-wise, and Quarter-wise Cost Savings Opportunities. • Pinpoint Savings at Subscription, Resource Group, and Resource Levels. • Highlight Savings Opportunities by Service Tier and Environment (Dev/UAT/Prod). • Propose Savings through Resource Utilization and Right Sizing. • Summarize Overall Cost Savings Opportunities in % and $/local currency, emphasizing Cost-Effective Services. • Present Opportunities for Enhanced Cost Governance.
	Outcome of Day 3 : • 1 to 2 hrs of presentation to the cx on Cost Analysis report and Optimization opportunities & Next steps • Provide 10-page Cost Analysis Report tailored for Cx's environment based on current usage & resource demand	

Cost Assessment – Indicators , Quick win and Long term Wins strategy

START

Free Azure Cost Assessment

Signals You need Azure Cost optimization

Top 6 quick tips of cost savings

Long term strategy & Best practices

Signals

- Customer (Cx) Regularly notice unexpected Azure Cloud Spend.
- Cx's workloads jump from peak to low

Quick wins

- Eliminate Unused Resources
- Eliminate orphaned Resources
- Right size Underutilized Resources

Long term wins

- Tune storage performance
- Utilize serverless technologies
- Select the most cost-effective Azure services
- Set up autoscaling

Cost Assessment Report

- Cx has switched to Azure long time ago
- Cx's Azure can be redistributed more effectively

Milestone 1 (Discovery phase)

- Identify the Root cause for Cost spend

- Make use of AHB (Azure Hybrid Benefit
- Based on the usage patterns, leverage Reserved Instances/ Savings Plans/Spot Instances

Milestone 2 (Cost Analysis)

- Explore Savings Opportunities up to 40%

Best Practices

- Automate cost tracking and management
- Utilize cost management alerts
- Adjust your cost optimization strategy(ongoing)

Milestone 3 (Cost Assessment report)

- Provide Cost assessment report
- Explore Savings Opportunities up to 70%

CLIENT TESTIMONIALS

“I appreciate your dedication and professionalism in carrying out this assessment and furnishing us with valuable information. It truly reflects the extensive knowledge and expertise possessed by the Saxon team, leaving me thoroughly impressed.”

■ CTO,

Payment gateway company

WHAT NEXT?

POST FREE ASSESSMENT

1

✓ Free Assessment

2

Recommendations on Cost Optimization & Strategy Roadmap

Azure architects will conduct a comprehensive analysis of all Azure Resource groups and Resources. Prioritized recommendations and an implementation strategy roadmap will be presented.

3

Implementation of Cost optimization Recommendations

After customer discussions, the implementation will advance through Dev, UAT, and Production instances/servers during off/lean business hours. Any minimal downtime will be communicated in advance. The outcome of each phase has been represented in the above framework

4

Cost Optimization Managed Services Offering

Following the implementation of cost optimization techniques, our focus is on maintaining continuous oversight of Azure costs and proactively devising strategies for further savings while prioritizing performance efficiency. Additionally, we empower our customers with transparent reporting to enhance their understanding of cost dynamics.

Global Footprint With Offshore Development Center

SAXON
Simplify Data Amplify Decisions

700
consultants

3
robust development centers in India

Trusted Partner for Holistic Business Transformation: Industry Insights, Consulting Excellence, and Cutting-Edge AI Solutions

- Strategic Consulting
- Outcome driven implementation approach
- Ongoing Support and Maintenance
- Offshore Development

Thank you!
Feel free to approach us
if you have any questions.
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