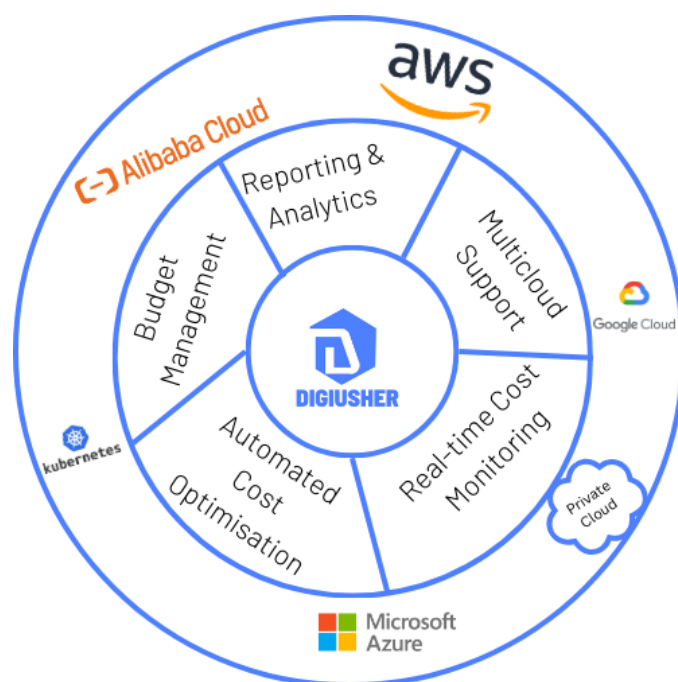# Solution Brief

Introduction

Managing cloud infrastructure and optimizing costs has become increasingly complex for organisations operating in multi-cloud environments. According to industry statistics, inefficient cloud resource utilization can lead to average cost overruns of up to 35%. With the rising popularity of multi-cloud strategies, where organisations leverage multiple cloud service providers such as Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), Alibaba Cloud, Private Cloud and Kubernetes, effective cost management becomes crucial. DigiUsher understands these challenges and offers an all-in-one FinOps solution for Cloud Cost Optimization. This solution brief provides an overview of our solution and how it helps organisations achieve substantial cost savings.

Challenges of Cloud Infrastructure Management

Industry reports reveal that 85% of organizations have adopted a multi-cloud strategy, while 93% have embraced hybrid cloud environments. This widespread adoption indicates the complexity of managing cloud infrastructure across multiple platforms. Moreover, organizations utilize an average of five different cloud services, showcasing the diverse nature of their cloud environments. Complex pricing models offered by cloud providers also pose a significant challenge, with 58% of organisations considering them complex to understand and manage effectively. A lot of times, infrastructure teams struggle with multiple dashboards and in-house hacks to control and manage the growth of the business with the cloud expenses. In our own survey, we found that in many firms cloud spend is next to the salaries of the employees.

Importance of Cloud Cost Management

Effective cloud cost optimization is a top priority for organizations. According to research, 64% of cloud users emphasize the need to optimize cloud costs. Inefficient resource utilization can result in significant financial implications for organizations, making cost optimization a critical focus area.

DigiUsher Solution

DigiUsher offers an all-in-one FinOps solution designed to address the complexities of managing cloud costs across Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), Alibaba Cloud, Private Cloud and Kubernetes. Our solution provides a comprehensive set of features to streamline cloud infrastructure management and drive cost optimization.

Key Features and Benefits:

1. **Multi-Cloud Support:** Seamlessly integrate and manage Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), Alibaba Cloud, Private Cloud and Kubernetes within a unified platform, ensuring consistent and efficient infrastructure management. DigiUsher has plans to rapidly expand with other important infrastructure services such as cloud marketplaces and database services such as Databricks, Snowflakes, MongoDB Atlas.
2. **Comprehensive Cost Analysis:** Leverage advanced analytics and reporting capabilities to gain deep visibility into cloud costs. Identify areas for optimization and make data-driven decisions to improve cost efficiency.
3. **Real-time Monitoring and Alerts:** Proactively monitor cloud usage and expenses in real-time. Receive customisable alerts and notifications, empowering organisations to address potential cost overruns promptly. Advanced mechanisms such as Slack integrations helps to streamline and improve productivity and visibility dramatically.
4. **Optimization Recommendations:** Benefit from our solution's insights and recommendations to optimise resource utilization, reduce waste, and maximise cost savings.
5. **Enhanced Financial Efficiency:** Organisations leveraging our solution achieve substantial cost reductions of up to 30% on cloud expenses. By effectively managing cloud costs, businesses can drive overall financial efficiency and maximize their cloud investments.
6. **Cost Governance for On-Premise and Hosted Solutions:** DigiUsher provides seamless governance for both on-premise and hosted solutions, establishing budgets and quota alerts for streamlined financial control.
7. **Anomaly Detections:** DigiUsher proactively detects anomalies, ensuring stability in cost projections and bolstering financial planning.
8. **Virtual Tagging and TTL:** DigiUsher implements virtual tagging and TTL for optimized resource management, enhancing precision in resource allocation.
9. **Business Intelligence Export Functions:** DigiUsher facilitates strategic decision-making with user-friendly export functions for comprehensive business intelligence analysis.
10. **Microsoft and Google-based Single Sign-On:** DigiUsher enhances security and user convenience with seamless Microsoft and Google-based single sign-on, ensuring a hassle-free user experience.
11. **Multi-Currency Cost Management:** DigiUsher simplifies multi-currency cost management, ensuring accurate financial reporting and compliance.
12. **Automation:** DigiUsher AWS Spot Orchestration automation for on-demand auto-scaling groups is a great way to optimise costs and save upto 90%.
13. **Multi-Cloud Cost Comparison:** Compare the clouds even before you deploy your workloads so that you can choose which region and which cloud could provide you best prices for compute.

Conclusion

Managing cloud costs in complex multi-cloud environments is a challenge faced by organizations across industries. DigiUsher's solution for Cloud CostManagement provides a comprehensive solution to tackle these challenges. Built with FinOps principles, our solution enables organisations to gain control over their cloud expenditure, optimise resource utilization, and achieve significant cost savings. With advanced analytics, real-time monitoring, and optimization recommendations, organizations can streamline operations, enhance financial efficiency, and focus on driving innovation. Write to us at sales@digiusher.com to request a demo of DigiUsher's solution for Cloud Cost Management and Governance and unlock the full potential of your cloud investments.

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