# AI-driven Cloud FinOps visibility and insights

Product brochure

# Introduction

In a rapidly digitizing business paradigm, cloud platforms have emerged as an essential element for future-facing enterprises. This is also seeing enterprises move beyond private and public cloud platforms and opt for a hybrid cloud model for their business. Hybrid cloud offers you a mélange of benefits, including improved choice of services, increased speed of implementation and execution, and greater scalability. However, it also poses challenges around cloud cost visibility, optimization, and governance. Poor financial management, inadequate reporting capabilities and inability to predict the OPEX costs accurately are the realities of today's multi-cloud environments.

DRYiCE MyXalytics FinOps is an AI-driven Cloud FinOps Visibility and Insights product, that delivers intelligent insights to helps you effectively visualize, manage, and optimize your multi-cloud spends, improve governance and strengthen your multi-cloud security posture. With MyXalytics FinOps, you can customize your visibility for effective governance and configure policies that help application and business owners avoid cost overruns, compliance and security vulnerabilities. Further, it also offers effective task allocation and tracking mechanisms to assign the identified issues to concerned teams and track the entire lifecycle, until resolution.
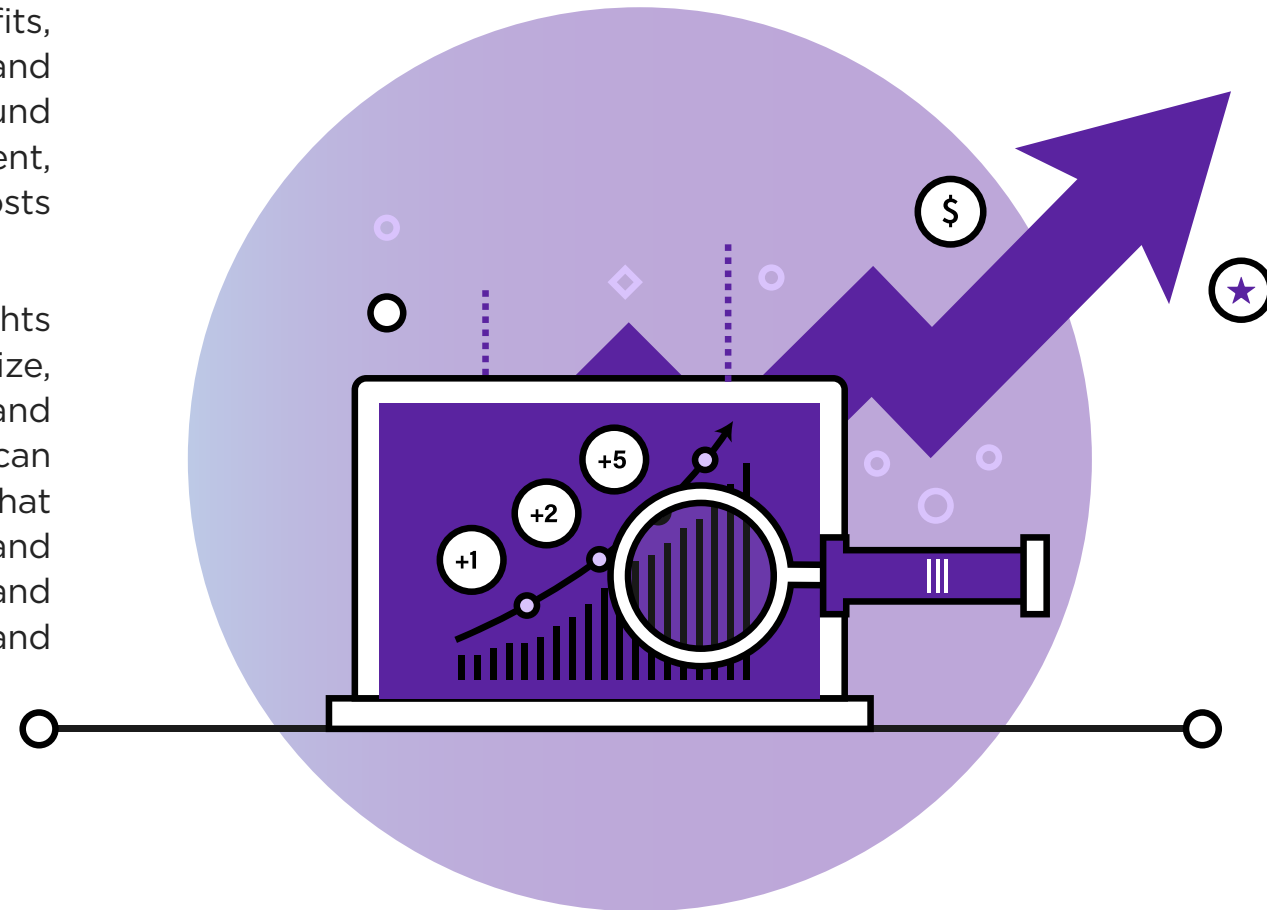
# Common Challenges

## Finance Teams

Current financial processes are often geared towards Capex and predictable Opex, which are not appropriate for this variable spend

Traditional procurement model is no more relevant, when DevOps teams now have the power to launch on-demand cloud resources and budgets are usually not a constraint

Understanding cloud billing and forecasting is quite complex, especially, if a well-defined tagging strategy is not in place. Predictability of cloud spends is often inaccurate

Managing cloud spend against allocated budgets is an uphill task due to lack of visibility and accountability

## Tech Teams

Innovation and Agility are the top priorities due to which the cloud costs optimization take a back seat
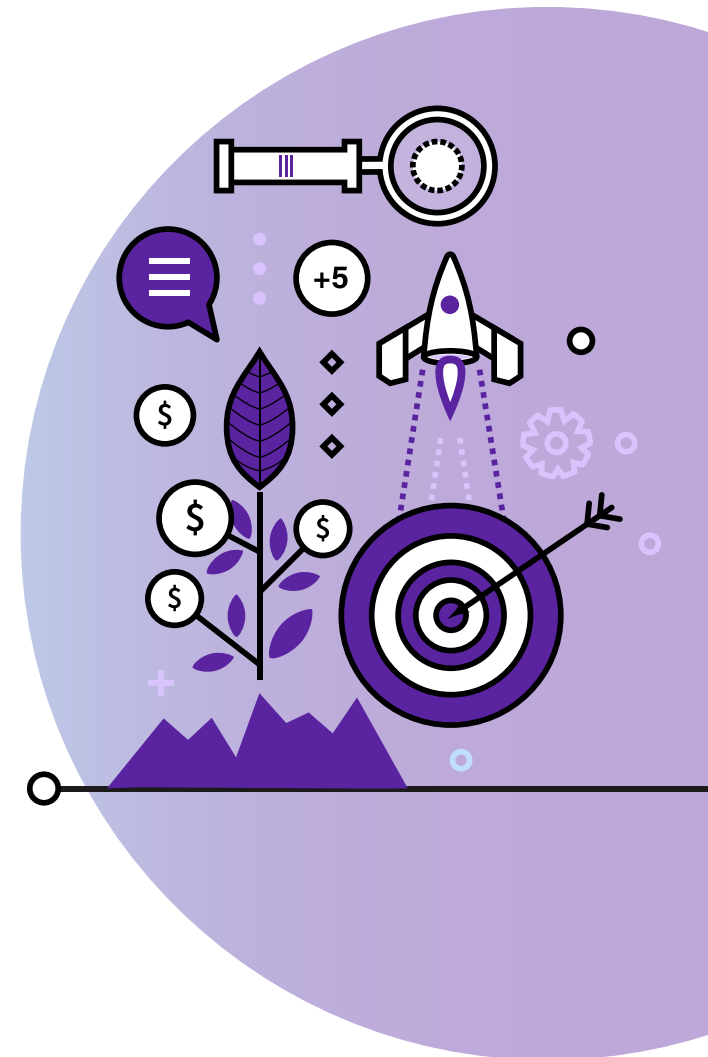
Lack of cost visibility to the DevOps teams and improper processes for showback or chargeback

Lack of cloud cost visibility, combined with focus on innovation, can lead to significant wastages
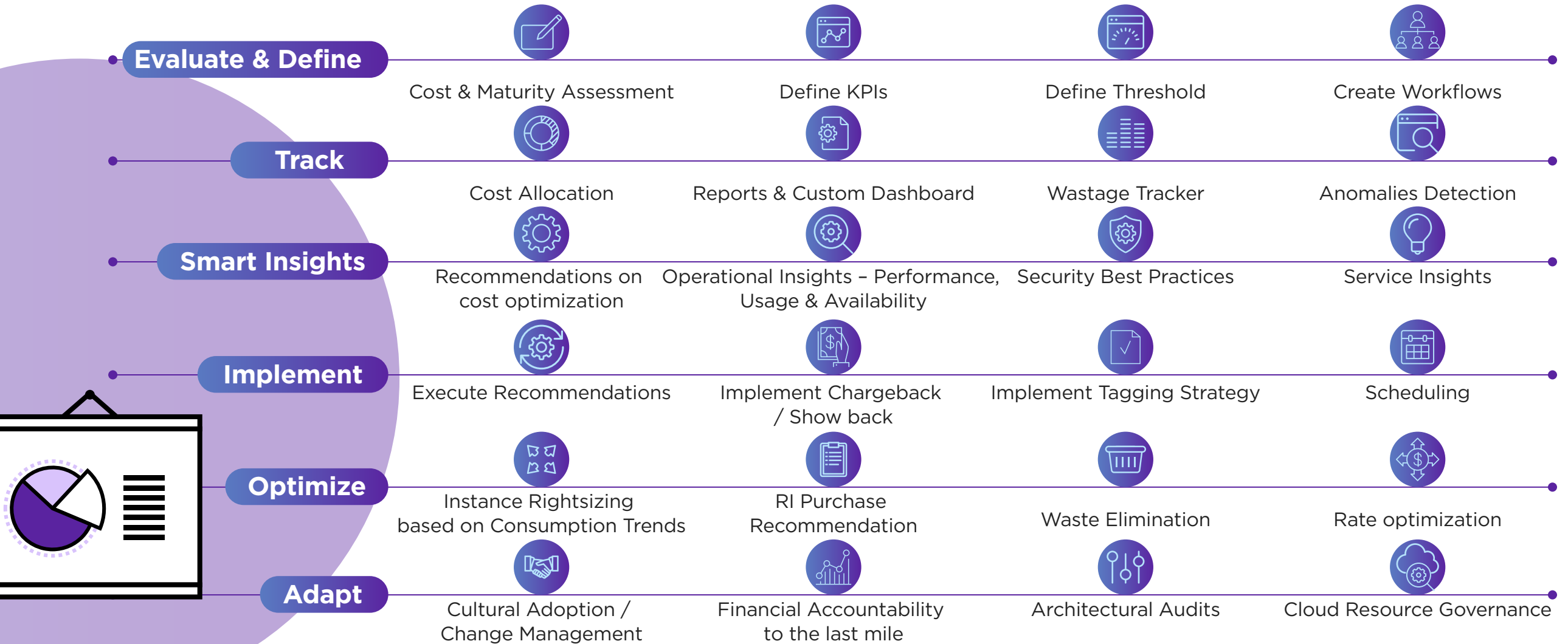
Lack of understanding of financial processes

Predicting cloud costs is hard, even if usage patterns are well understood

Improper insights around security and compliance may lead doors open for vulnerabilities

# HCL Approach on Cloud FinOps

DRYiCE MyXalytics

| Evaluate & Define | | | |
|---|---|---|---|
| Cost & Maturity Assessment | Define KPIs | Define Threshold | Create Workflows |

| Track | | | |
|---|---|---|---|
| Cost Allocation | Reports & Custom Dashboard | Wastage Tracker | Anomalies Detection |

| Smart Insights | | | |
|---|---|---|---|
| Recommendations on cost optimization | Operational Insights – Performance, Usage & Availability | Security Best Practices | Service Insights |

| Implement | | | |
|---|---|---|---|
| Execute Recommendations | Implement Chargeback / Show back | Implement Tagging Strategy | Scheduling |

| Optimize | | | |
|---|---|---|---|
| Instance Rightsizing based on Consumption Trends | RI Purchase Recommendation | Waste Elimination | Rate optimization |

| Adapt | | | |
|---|---|---|---|
| Cultural Adoption / Change Management | Financial Accountability to the last mile | Architectural Audits | Cloud Resource Governance |

# Features and Capabilities

### Pre-configured dashboards & build your own

Rich repository of pre-configured Reports and Dashboards, especially for ITSM reporting along with the flexibility to create custom reports and dashboards

### Multi-Cloud Views

Stop switching to 3 different cloud consoles, instead get individual views for all your multi-cloud costs in a single platform

### Multi-Account visibility

Now connect with all your accounts, subscription and projects to get a unified or distributed views of all the expenses incurred

### Comparison Views

Understand the changing costs of your dynamic infrastructure with a side-by-side comparison of different insights, services, timeframes and much more

### Tag Governance

Select from a pre-defined list of tagging nomenclatures and automate tagging compliance of for Cloud services like images, EBS volumes, snapshots, IP addresses etc.

### Customized Reporting

Save and download multiple reports and schedule reports on a daily, weekly, monthly, basis. With the right tagging in place, generate reports (on cost, inventory, security and optimization) by application and business unit. etc.

### Cost Anomaly Detection

Leverage AI-driven outlier analysis to identify anomalous cloud costs and get alerted via automated notifications using various channels like ITSM, Slack, ChatOps and others

### Cost Optimization

Reduce the amount of time spent on analyzing and optimizing your cloud spends by leveraging various techniques like rightsizing, scheduled instances, reserved / committed usage instances, waste elimination, and others

### Cloud Governance

Ensure continuous security, compliance, and governance across your cloud environments through native advisory and security visibility and insights

### Task Allocation & Tracking

Analyze and Identify problem areas, and assign them to concerned teams for resolution, with continuous tracking and updates

### Advanced Filters

Go beyond account ids, subscription, services etc. And analyze your data at greater depths with filters like resources tags, currency, instances, type etc.

### Chargeback Views

Visualize the cost dis-aggregated into different region, account, IDs, tags and apply filters to break down it at a granular level
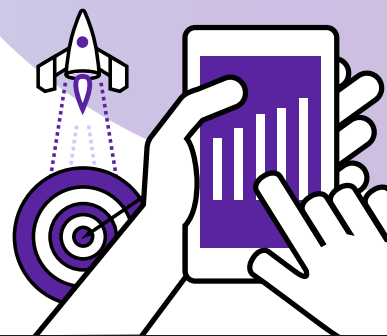
# Benefits and Impact

**Up to 40%**
Reduction in Anomaly based increase in cloud spend

Improved Asset Utilization by **Up to 25%** via rightsizing or wastage elimination

Cost Savings by leveraging cloud native purchase models like reserved instances and committed usage discounts by **Up to 70%**

**100%**
Reduction in Manual Reporting for multi-cloud cost visibility

Improved efficiency in cloud operations, faster decision making, task tracking and reduced business risk
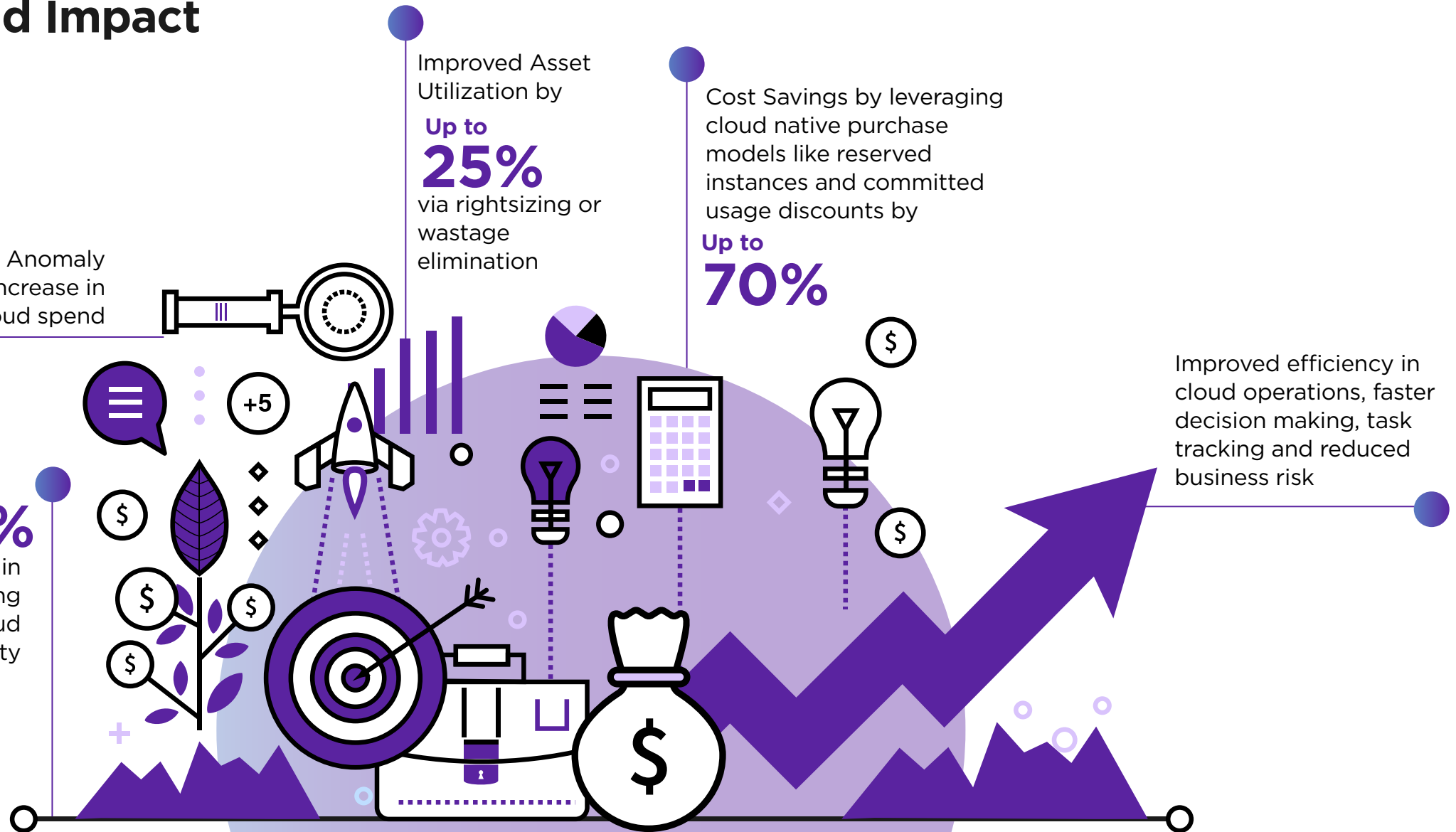
# About DRYiCE Software

DRYiCE Software is a division of HCL Technologies focused on building industry-leading software products for transforming and simplifying IT and business operations by leveraging AI and Cloud.

**Our vision focuses on:**
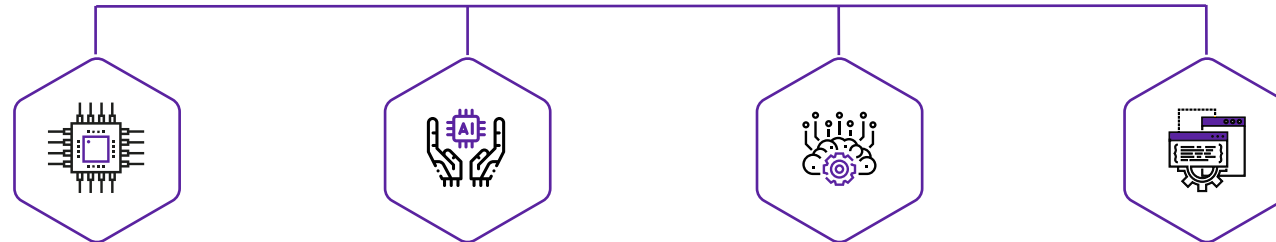
**Enabling a Service Oriented Enterprise**

**AI-Led Service Assurance**

**Driving Enterprise-Wide Digital Agility**

**Business Flow Intelligence**

Want to know more?
Visit our website at dryice.ai or
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