



# Maximize Your Microsoft Investments

When it comes to minimizing cloud sprawl and maximizing cloud value, many organizations find themselves challenged by complicated native reporting or limitations within cost optimization tools. As investments in the cloud continue to soar, Azure best practices calls for accurate FinOps activities, minimizing and eliminating resource wastage, and balancing potential security risks with smart cloud optimization. **Surveil for Azure** empowers organizations to respond to these challenges using FinOps-aligned analytics and AI-powered procurement insights to drive business success and simplify and transform the cloud journey.

**Surveil simplifies the cloud journey by offering unparalleled insights, efficiency, and value, aligning with FinOps principles to drive business success.**

This brief outlines how Surveil for Azure's capabilities map to business outcomes, ensuring you maximize your Microsoft investments.

## MAPPING TO BUSINESS OUTCOMES

1

UNDERSTAND CLOUD USAGE & COST

2

OPTIMIZE CLOUD USAGE & COST

3

QUANTIFY BUSINESS VALUE

4

DECREASE RISK + INCREASE COMPLIANCE

1

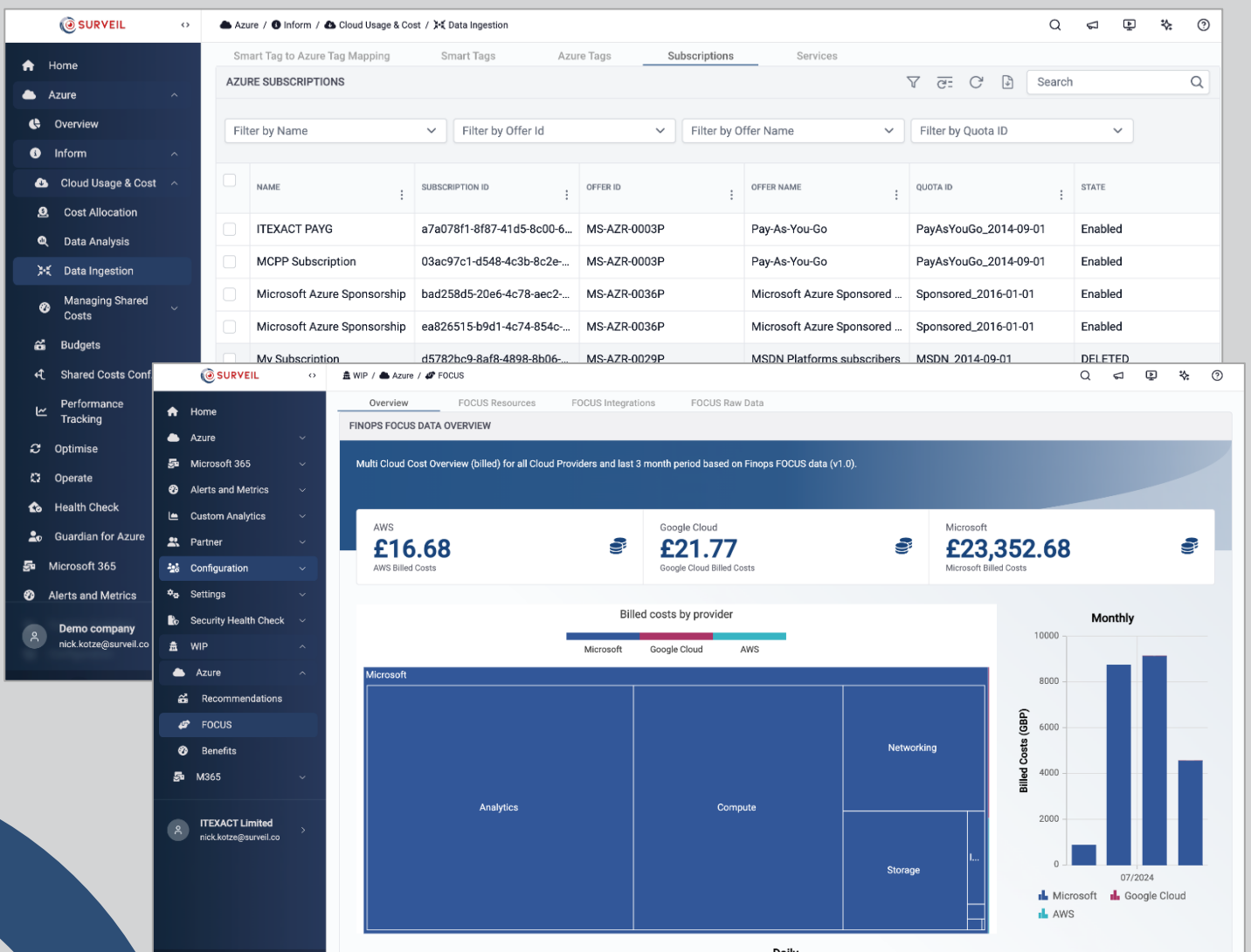
## UNDERSTAND CLOUD USAGE &amp; COST



## SURVEIL FOR AZURE CAPABILITIES

## DATA INTEGRATION

Surveil seamlessly ingests data from multiple cloud providers (Azure, AWS, Google Cloud) and other relevant sources USING focus 1.0 standards. This ensures that all necessary information is available for FinOps activities, including direct and imputed cloud costs, usage, observability, utilization, and sustainability data.



1

# UNDERSTAND CLOUD USAGE & COST



## SURVEIL FOR AZURE CAPABILITIES

### ALLOCATION

Advanced tagging and categorization features allow for precise allocation of costs across departments, projects, and teams. This organizational metadata is crucial for categorizing, allocating, and summarizing cloud costs and usage. Surveil's built in Smart Tagging engine allows practitioners to create views that are business relevant.

The screenshot displays the Surveil Azure Cost Allocation interface. The main view is titled 'Microsoft Azure Cost Summary' and shows cost trending for the past 12 months. It includes a navigation sidebar on the left with options like Home, Azure, Overview, Inform, Cloud Usage & Cost, Cost Allocation, Data Analysis, Data Ingestion, Managing Shared Costs, Budgets, Shared Costs Conf., Performance Tracking, Optimise, Operate, Health Check, Guardian for Azure, Microsoft 365, Alerts and Metrics, and Demo company.

The main content area features a 'Chargeback/Showback' section with a 'Views' dropdown menu. The selected view is 'Smart Tag', which displays a 'Cost by Smart Tag' table. This table shows costs for various smart tags across months from September 2023 to August 2024, with a 'Total' column. The table is filtered by 'meterCategory' and 'resourceName'.

Below the 'Cost by Smart Tag' table, there is a 'Current Month Cost' table showing costs for the current month (September 2024) across different meter categories and sub-categories. The 'Total' for the current month is 8,358.

Smart Tag Name	Sep	Oct	Nov	Dec	Total
Dickson Production test	12,913	12,442	11,797	12,670	49,822
Environments	12,913	12,442	11,797	12,670	49,822
System Name	9,235	9,152	8,687	9,199	36,293
System Type	9,235	9,152	8,687	9,199	36,293
Cost Code (1)	9,416	9,352	9,084	9,729	37,592
Line of Business	8,946	8,924	8,274	8,587	34,731
Risk Level	8,706	8,931	8,717	8,510	34,817
Risk Impact	7,686	7,553	6,881	6,803	29,024
<b>Total</b>	<b>12,913</b>	<b>12,442</b>	<b>11,797</b>	<b>12,670</b>	<b>49,822</b>

MeterCategory   SubCategory   Meter	2024/Sep
Power BI Embedded	2,260
Storage	1,216
Virtual Machines	1,017
Application Gateway	650
Backup	650
SQL Database	554
Microsoft Defender for Cloud	364
Azure App Service	264
Virtual Network	193
Load Balancer	164
Azure Cognitive Search	135
Azure Bastion	130
Azure Kubernetes Service	90
API Management	82
Virtual Machines Licenses	71
Microsoft Entra Domain Services	63
Container Registry	60
Redis Cache	23
Bandwidth	23
Azure Monitor	21
Service Bus	12
SendGrid	10
Cognitive Services	0
Key Vault	0
<b>Total</b>	<b>8,358</b>

1

## UNDERSTAND CLOUD USAGE &amp; COST



## SURVEIL FOR AZURE CAPABILITIES

## SHARED ALLOCATION + CHARGEBACKS

Shared Cost Allocation is an important part of creating a whole view of the chargeback show back process. Surveil collects shared costs to a shared Smart Tag and then distribute these to static percentages across a set of target Smart Tags. These costs are then seamlessly blended into any of the cost allocation reports to ensure transparency and accountability in cloud spending and supports transparent financial operations.

The screenshot displays the Surveil web interface for configuring shared costs. The main configuration window is titled "Shared Costs SharedCosts - Dev" and is divided into two tabs: "Configuration" and "Shared Costs". The "Shared Costs" tab is active, showing the following details:

- Configuration:**
  - Name:** SharedCosts - Dev
  - Description:** Shares the cost of development resources between teams equally.
  - Enabled:**
  - Source Tag Name:** Environment workload
  - Source Tag Value:** DEV
  - Last Updated:** Sep 23, 2024
- SHARED COST DEFINITION:**
  - Name:** SharedCosts - Dev
  - Source Tag Name:** Environment workload
  - Source Tag Value:** DEV
  - Enabled:**
  - Allocation Rules:**
    - Name:** App Team, **Percentage:** 50.00
    - Name:** PBI Team, **Percentage:** 30.00
    - Name:** Infra Team, **Percentage:** 20.00

At the bottom right of the configuration window, there are "Cancel" and "Save" buttons. The background shows the Surveil dashboard with a sidebar and a top navigation bar.

1

UNDERSTAND CLOUD USAGE & COST



SURVEIL FOR AZURE CAPABILITIES

REPORTING & ANALYTICS

Real-time dashboards and detailed analytics provide transparent cloud cost and usage reporting. Surveil defines the reporting and analytics processes, making data available for use by all business personas.

1

## UNDERSTAND CLOUD USAGE &amp; COST



## SURVEIL FOR AZURE CAPABILITIES

## ANOMALY MANAGEMENT

Automated detection and alerting of cost anomalies helps prevent unexpected expenses. Surveil's anomaly management capabilities ensure that any deviations from expected cloud usage and costs are promptly addressed.

The screenshot displays the Surveil Alerts and Metrics dashboard. The left sidebar shows navigation options: Home, Azure, Microsoft 365, Alerts and Metrics (selected), Alerts (selected), Metrics, Trend Alerts, Custom Analytics, and Configuration. The main content area is titled 'Alerts Definitions' and shows a table of alert definitions. The table has columns for NAME, PRIORITY, DESCRIPTION, SCHEDULER, ENABLED, and LAST MODIFIED DATE. The table contains 15 rows of alert definitions, all with a priority of 'Medium'. The first row is 'Accounts over 45 days old' with a scheduler of '0 30 23 \*\* ?'. The last row is 'New licences purchased in a' with a scheduler of '0 30 23 1 \* ?'. The dashboard also includes a search bar, a filter by priority dropdown, and a pagination control at the bottom showing '1 of 1 pages (24 items)'.

NAME	PRIORITY	DESCRIPTION	SCHEDULER	ENABLED	LAST MODIFIED DATE
<a href="#">Accounts over 45 days old</a>	Medium	Accounts over 45 days old in ...	0 30 23 ** ?	✓	9/25/24, 2:32 PM
<a href="#">Azure IP Address Last Synced &lt;...</a>	Medium	Alert - Azure IP Address Last Sy...	0 30 23 ** ?	✓	6/10/24, 10:04 AM
<a href="#">Comp A Subscription Count</a>	Medium		0 30 23 1 * ?	✓	1/9/23, 1:03 PM
<a href="#">Customer Services greater tha...</a>	Medium		0 30 23 ? * MON	✓	1/9/23, 1:01 PM
<a href="#">Customer Services department...</a>	Medium		0 30 23 ? * MON	✓	1/9/23, 11:25 AM
<a href="#">Email storage over 30GB</a>	Medium		0 30 23 ? * MON	✓	1/9/23, 11:26 AM
<a href="#">External shares for OneDrive o...</a>	Medium		0 30 23 ** ?	✓	1/9/23, 11:24 AM
<a href="#">KC Test</a>	Medium	KC Test	0 30 23 ** ?	✓	9/19/24, 12:37 PM
<a href="#">Mailbox Storage over 20GB</a>	Medium		0 30 23 ? * MON	✓	1/9/23, 1:00 PM
<a href="#">Mailbox Storage over 20GB</a>	Medium	Mailbox Storage over 20GB	0 30 23 ** ?	✓	8/15/24, 4:33 PM
<a href="#">Mailbox storage over 10GB (3...</a>	Medium	Alert - Mailbox storage over 1...	0 30 23 ** ?	✓	6/10/24, 9:55 AM
<a href="#">Max License Utilization</a>	Medium	Alert for - Max License Utilizat...	0 30 23 ** ?	✓	8/23/24, 5:54 PM
<a href="#">Max License Utilization</a>	Medium	Alert for - Max License Utilizat...	0 30 23 ** ?	✓	8/23/24, 6:17 PM
<a href="#">More than 200 emails receive...</a>	Medium		0 30 23 ? * MON	✓	1/9/23, 11:21 AM
<a href="#">New licences purchased in a</a>	Medium		0 30 23 1 * ?	✓	1/9/23, 11:22 AM

1

## UNDERSTAND CLOUD USAGE &amp; COST



## SURVEIL FOR AZURE CAPABILITIES

## MACC INSIGHTS

Monitoring of all billing account commitments against MACC – including detailed breakdown – while viewing multiple MACCs in one location.

Microsoft Azure Consumption Commitment (MACC)

MACC Details for G20220322386960000907

TRANSACTION DATE	INVOICE NUMBER	DESCRIPTION	EVENT TYPE	CHANGES	CURRENT BALANCE
1/5/24, 2:30 AM	Gi	Balance after invoice Gi	SettledCharges	-€47,676.84	€361,422.86
12/5/23, 3:29 AM	Gi	Balance after invoice Gi	SettledCharges	-€47,399.94	€409,099.70
11/5/23, 4:02 AM	Gi	Balance after invoice Gi	SettledCharges	-€43,821.23	€456,499.04
10/5/23, 3:46 AM	Gi	Balance after invoice Gi	SettledCharges	-€39,562.13	€500,320.87
9/5/23, 5:19 AM	Gi	Balance after invoice Gi	SettledCharges	-€50,580.88	€539,883.00
8/5/23, 2:38 AM	Gi	Balance after invoice Gi	SettledCharges	-€36,272.24	€590,463.88
7/5/23, 2:55 AM	Gi	Balance after invoice Gi	SettledCharges	-€32,138.52	€626,736.12
6/5/23, 1:36 AM	Gi	Balance after invoice Gi	SettledCharges	-€8,619.79	€658,874.64
5/5/23, 1:20 AM	Gi	Balance after invoice Gi	SettledCharges	-€2,460.04	€667,494.43
4/5/23, 1:36 AM	Gi	Balance after invoice Gi	SettledCharges	-€1,570.85	€669,954.47
3/5/23, 12:25 AM	Gi	Balance after invoice Gi	SettledCharges	-€1,240.26	€671,525.32
2/5/23, 12:32 AM	Gi	Balance after invoice Gi	SettledCharges	-€921.87	€672,765.58
1/5/23, 12:37 AM	Gi	Balance after invoice Gi	SettledCharges	-€903.77	€673,688.05
12/5/22, 12:11 AM	Gi	Balance after invoice Gi	SettledCharges	-€795.67	€674,590.42
11/5/22, 10:27 AM	Pi	Balance after invoice Pi	SettledCharges	-€771.44	€675,386.06

1 of 1 pages (19 items)

Close

1

## UNDERSTAND CLOUD USAGE &amp; COST



## SURVEIL FOR AZURE CAPABILITIES

## SAVINGS TRACKER

Track the savings information related to realized Azure Recommendations, allowing for clearer impact measurement and smarter reporting.

Microsoft Azure Consumption Commitment (MACC)

MACC Details for G20220322386960000907

DETAILS	MACC EVENTS						
CONSUMPTION	TRANSACTION DATE	INVOICE NUMBER	DESCRIPTION	EVENT TYPE	CHANGES	CUMULATED BALANCE	
EVENTS	1/5/24, 2:30 AM	Gi	Balance after invoice Gi	SettledCharges	-€47,676.84	€361,422.86	€327,261.60
	12/5/23, 3:29 AM	Gi	Balance after invoice Gi	SettledCharges	-€47,399.94	€409,099.70	€12,719.29
	11/5/23, 4:02 AM	Gi	Balance after invoice Gi	SettledCharges	-€43,821.23	€456,499.04	€225,390.18
	10/5/23, 3:46 AM	Gi	Balance after invoice Gi	SettledCharges	-€39,562.13	€500,320.87	€86,323.42
	9/5/23, 5:19 AM	Gi	Balance after invoice Gi	SettledCharges	-€50,580.88	€539,883.00	€32,076.47
	8/5/23, 2:38 AM	Gi	Balance after invoice Gi	SettledCharges	-€36,272.24	€590,463.88	€35,738.72
	7/5/23, 2:55 AM	Gi	Balance after invoice Gi	SettledCharges	-€32,138.52	€626,736.12	€329,982.87
	6/5/23, 1:36 AM	Gi	Balance after invoice Gi	SettledCharges	-€8,619.79	€658,874.64	€110,211.24
	5/5/23, 1:20 AM	Gi	Balance after invoice Gi	SettledCharges	-€2,460.04	€667,494.43	€99,344.17
	4/5/23, 1:36 AM	Gi	Balance after invoice Gi	SettledCharges	-€1,570.85	€669,954.47	€38,000.00
	3/5/23, 12:25 AM	Gi	Balance after invoice Gi	SettledCharges	-€1,240.26	€671,525.32	€663,296.01
	2/5/23, 12:32 AM	Gi	Balance after invoice Gi	SettledCharges	-€921.87	€672,765.58	€37,879.98
	1/5/23, 12:37 AM	Gi	Balance after invoice Gi	SettledCharges	-€903.77	€673,688.05	
	12/5/22, 12:11 AM	Gi	Balance after invoice Gi	SettledCharges	-€795.67	€674,590.42	
	11/5/22, 10:27 AM	Pi	Balance after invoice Pi	SettledCharges	-€771.44	€675,104.06	

1 of 1 pages (19 items)

Close



2

## OPTIMIZE CLOUD USAGE &amp; COST



## SURVEIL FOR AZURE CAPABILITIES

## ARCHITECTING FOR CLOUD

Surveil offers best practices and recommendations for cloud architecture to optimize performance and cost. This includes managing the types, timing, and amounts of cloud resources used.

**AI Optimisation Recommendations**

Overview of Azure AI optimisation opportunities indicating high and low estimate save ranges. This includes high-level overview of recommendations for Reserved Instances, Idle & Oversized Resources, Hybrid Benefits, Zombie Resources, UAT/DEV and Test Services, and Virtual machine optimisation.

All Values in £

**Optimisation Opportunities**

Saves - Low Estimate	4.96%	Saves - High Estimate	12.83%	Est. Monthly Saves	£674 - £1,743	Est. Yearly Saves	£8,087 - £20,915
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Last monthly bill was £13,584

**Reserved Instances**

9 Reserved Instance opportunities  
Per Year Saves: (£7,319 - £10,974)  
Categories: VM, SQL, Synapse, DataBricks, Premium Disk & App Services

**Virtual Machine Savings Plans**

2 VM Savings Plan opportunities (Subscription level)  
Per Year Saves: (£2,086 - £3,929)  
Categories: Virtual Machines

**Hybrid Benefit**

4 Hybrid Benefit opportunities (0 SQL, 4 Windows)  
Per Year Saves: (£248 - £495)  
Categories: Virtual Machine & SQL Licenses

**UAT, DEV and Test Services**

3 DEV/UAT opportunities  
Per Year Saves: (£113 - £225)  
Categories: Workloads & Premium Disk

**Idle & Oversized Services**

27 Idle Resource opportunities  
Per Year Saves: (£0 - £8,404)  
Categories: VM, SQL, Storage

**Zombie Resources**

54 Zombie resource opportunities  
Per Year Saves: (£19 - £37)  
Categories: Various resources

**Virtual Machine Optimisation**

8 VM optimisation opportunities (2 optimisation, 6 idle/low)  
Per Year Saves: (£389 - £779)  
Categories: Virtual Machines

2

OPTIMIZE CLOUD USAGE & COST



SURVEIL FOR AZURE CAPABILITIES

WORKLOAD OPTIMIZATION

Tools for optimizing workloads for cost and performance, including rightsizing and scheduling, ensure that resources are used efficiently. Surveil measures efficiency in various ways, including monetary cost and carbon usage.

The screenshot displays the 'VM Resizing' section of the Surveil interface. It features a navigation sidebar on the left with options like Home, Azure, Overview, Inform, Optimise, and Cloud Rate & Usage. The main content area is titled 'Recommendations Overview' and includes a 'VM Resizing' header with a subtitle: 'Azure Virtual Machines by Tier and Location that should be considered for optimisation, looking at either resizing based on utilisation or options to save cost by moving to a parallel sized lower cost tier.'

Below the header, there are 'Page Views' buttons for 'VM Optimisation', 'View all VMs', 'RI and Hybrid Benefit', 'VM Tier Comparison', and 'VM Resize Details'. A 'Data in focus' dropdown is set to 'Active - Last Month Data'. A 'Select CPU Avg. for Saves estimate' shows 0.61% and 27.52%. A 'Recommendation Rank' slider is positioned between 1.00 and 2.00. A checkbox for 'Below 15% CPU Average' is present.

The central table, 'Virtual Machines Recommendations by Tier and Location', lists VMs with columns for VM Tier, Location, Resource Name, Rank, On RI, On Savings Plan, RI Review, Optimisation Advised, VM Count (Previous Month), Total Cost (Previous Month), Savings (Last 30 Days Value), CPU Util, CPU Mem, CPU Avg, CPU Max, MEM Util, MEM Avg, MEM Max, and Action. The table shows several VMs with their respective metrics and suggested actions.

At the bottom, there are two charts: 'Optimisation Type' showing a bar chart for 'Virtual Machine Utilisation' (5), 'Hybrid benefit' (4), 'Reserved Instances - VM' (2), and 'Virtual Machine Optimizer' (2); and 'Cost by CPU band' showing a bar chart for utilization levels: < 5% (21.92%), 6-10% (21.75%), 11-15% (11.17%), 16-20% (10.99%), and 21-30% (5.86%).

2

OPTIMIZE CLOUD USAGE & COST



SURVEIL FOR AZURE CAPABILITIES

RATE OPTIMIZATION

Surveil identifies the best pricing models and discount opportunities (e.g., reserved instances, spot instances, spot instances) to help organizations plan and purchase resources at the lowest acceptable cost and impact.

The screenshot displays the Surveil Azure Optimization interface. The top navigation bar includes 'Home', 'Azure', 'Overview', 'Inform', 'Optimise', 'Overview', 'Cloud Rate & Usage', 'Technical Optimisation', 'Operate', 'Health Check', 'Guardian for Azure', 'Microsoft 365', 'Alerts and Metrics', 'Custom Analytics', and 'Configuration'. The main content area is titled 'Reservation Planner Details' and shows a breakdown of Reserved Instance (RI) recommendations by region and VM type. Below this, there is a table for 'Usage Statistics of Resources with recommendations' which includes columns for resource name, cost, usage, and various performance metrics.

Tier	# Type	Location	VCPU Count	Resource Count	Cost of VMs (\$/Month Average)	VMs using RI	% VMs have used RI	Consider RI	Instance Flexibility Group (IFG) of RI Recommended for RI	Smallest IFG in series	IFG Ratio of VM Recommended for RI	Quantity required of smallest VM in IFG
Standard_D1_V2	1	uksouth	1.00	1	53				D5d2 Series	Standard_D1_V2	1	1
Standard_D12_V2	1	northeupe	4.00	1	224				D5d2 Series High Memory	Standard_B1Ms	2	2
Standard_B4Ms	1	northeupe	4.00	1	100.00%	1	100.00%		B5 Series High Memory	Standard_B1Ms	8	8
Standard_B8Ms	1	northeupe	8.00	1	100.00%	1	100.00%		B5 Series High Memory	Standard_B1Ms	16	16
Standard_B8Ms	1	westus2	8.00	1	100.00%	1	100.00%		B5 Series High Memory	Standard_B1Ms	16	16
Standard_D2As_V4	1	northeupe	2.00	1	100.00%	1	100.00%		D4v2 Series	Standard_D2As_V4	1	1
<b>Total</b>	<b>8</b>		<b>4.39</b>	<b>21</b>	<b>277</b>	<b>12</b>	<b>57.14%</b>	<b>2</b>			<b>1</b>	<b>32</b>

Resource Name (highlighted have recommendations)	Cost Previous Month	Cost \$/Month Average	Cost by Usage/size	RI use	# VM	Total Months Active	Total Months Active in last 6	Active Last Billing Date	Has Reservations in Last Usage Date	Both on/off reservation in last month (review button)	Latest Usage Date	Consider RI	Days Active Prev. Month	% Days Active	VM Costs (Blended) 1Y RI	VM % Saves 1Y	VM Costs (Blended) 3Y RI	VM % Saves 3Y	License Cost	OS type
adafcodes-alc	53.07	51			1	13	6	✓	✓	○	01 Aug 2024	✓	31	100%	24	55%	16	72%	0.00	Linux
azne-suffrm-01	234.22	234			1	13	6	✓	✓	○	01 Aug 2024	✓	31	100%	138	38%	91	58%	0.00	Linux
aks-agentpoolm-37548740-vmss	298.87				3	13	6	✓	✓	○	01 Aug 2024	○	93	111%						
aks-agentpoolnd-26274706-vmss	124.67				3	13	6	✓	✓	○	01 Aug 2024	○	93	76%						
aks-agentpoolkub-13710492-vmss	0.00				2	13	6	✓	✓	○	01 Aug 2024	○	62	100%						
azne-lensrb-01	47.85				1	13	6	✓	✓	○	01 Aug 2024	○	31	53%						
azne-mnggb-01	46.31				1	13	6	✓	✓	○	01 Aug 2024	○	31	53%						
azne-mnggb-02	46.31				1	13	6	✓	✓	○	01 Aug 2024	○	31	53%						
azne-mnggb-03	45.29				1	13	6	✓	✓	○	01 Aug 2024	○	31	53%						
azne-mnoth-uf0	4.33				1	13	6	✓	✓	○	03 Jun 2024	○	31	93%						
<b>Total</b>	<b>1,581.38</b>	<b>277</b>			<b>25</b>	<b>13</b>	<b>6</b>	<b>54</b>	<b>19</b>	<b>10</b>	<b>2</b>	<b>799</b>	<b>75%</b>	<b>162</b>	<b>47%</b>	<b>107</b>	<b>65%</b>	<b>0.00</b>		

2

OPTIMIZE CLOUD USAGE & COST



SURVEIL FOR AZURE CAPABILITIES

COMMITMENT USAGE DISCOUNTS

Surveil's industry unique functions around the management of Commitment Usage Discounts, down to the resource level, ensures that centrally purchased contracts can be efficiently recharged to the relevant business entities.

**Virtual Machine Reservation Orders Summary**

Summary of Virtual Machines and Reservation and VM status, looking at contract efficiency, VMs added and removed and VM details.

**Virtual Machine (VM) Contract Efficiency**

Contract efficiency in the last month billing data, calculated as hours used vs. hours purchased - Drill through for details

Reservation Order (RO) Name	% VM RI	# RO Name	VM Quantity Purchased (in %)	VM Quant- Based on Compute Hours	End Date	Last Date in Billing	Term	% Contract Efficiency (final month billing)
VM_RI_09-05-2024-15-22	100%	1	2	2	05 Sep 2025		P1Y	
VM_RI_09-05-2024-15-26	100%	1	4	4	05 Sep 2025		P1Y	
VM_RI_09-05-2024-15-36	100%	1	1	1	05 Sep 2025		P1Y	
VM_RI_08-12-2024-19-13	100%	1	3	3	12 Aug 2025		P1Y	
VM_RI_08-12-2024-19-26	100%	1	3	3	12 Aug 2025		P1Y	
VM_RI_08-12-2024-19-22	63%	1	4	1.88	12 Aug 2025	01 Aug 2024	P1Y	63%
VM_RI_08-12-2024-19-23	63%	1	4	1.88	12 Aug 2025	01 Aug 2024	P1Y	63%
VM_RI_08-12-2024-19-25	63%	2	2	1.25	12 Aug 2025	01 Aug 2024	P1Y	63%
VM_RI_08-12-2024-19-27	63%	1	1	0.63	12 Aug 2025	01 Aug 2024	P1Y	63%
VM_RI_09-07-2023-13-41	0%	1	4	6.00	07 Sep 2024	01 Aug 2024	P1Y	0%
VM_RI_09-07-2023-13-48	0%	1	4	3.03	07 Sep 2024	01 Aug 2024	P1Y	0%
VM_RI_09-07-2023-13-58	0%	1	1	1	07 Sep 2024	01 Sep 2023	P1Y	0%
VM_RI_07-12-2023-18-34	42%	2	4	1.7	12 Jul 2024	01 Jul 2024	P1Y	42%
<b>Total</b>		<b>32</b>	<b>72</b>	<b>12.67</b>				<b>42%</b>

**Status of Reservations with Contract Data**

Succeeded 8, Cancelled 24

**VMs Added and Removed**

VM Reserved, VM Stable, VM Added

Jan 2024, Jul 2024

**% VM Compute RI Optimised**

% of total VM compute hours on Reserved instance (RI) per month

Oct 2023, Jan 2024, Apr 2024, Jul 2024

2

OPTIMIZE CLOUD USAGE & COST



SURVEIL FOR AZURE CAPABILITIES

HYBRID LICENSING & SaaS

Management of software licenses and SaaS subscriptions prevents over-provisioning and underutilization. Surveil addresses the use of licensed and consumption-based SaaS products. Through its Hybrid Benefit module, Surveil allows practitioners to effectively manage licensing requirements.

The screenshot displays the 'Hybrid Benefit Recommendations' section of the Surveil Azure Optimise Overview. It provides a summary of license costs and recommendations for Hybrid Benefit, covering both Windows VM Licensing and SQL Licensing. The dashboard includes a table of 'License Costs & Resources Recommended for Hybrid Benefit' and a list of 'Hybrid Benefit Recommendations' with associated actions.

**Hybrid Benefit Recommendations Summary:**  
 4 Hybrid Benefit opportunities (0 SQL, 4 VM), current monthly Azure license cost is **£41.3 (£495.5 Per Year)**, which could be saved if moving to Hybrid benefit.

**License Costs & Resources Recommended for Hybrid Benefit Table:**

resourceName	Change Allowed (VM)	Change Allowed (SQL)	Hot SQL	License Savings Cost (10 Days Value)	License Savings (12 Months)	Cost Previous Month	YTD Cost	Total Active Months	Post 6 months Total Active Months	Reserved Inst. Months	Recommendation Date	Windows License Quantity (Hours)	SQL License Quantity (Hours)	% Active Hours (6 Core)	HB Insts (6 Core)	vCPU (Max value in Month)	vCPU (SQL) (Max value in Month)	vCores (SQL) (Max value in Month)	DB Insts (vCore) (Max value in Month)
azne-tenads-01	1	0	0	6	70	49	181	13	6	0	27/09/2024	744	0	100.0%	1	4	0	0	0
azne-pbig-01	1	0	0	12	199	98	352	14	6	0	27/09/2024	744	0	100.0%	1	8	0	0	0
azne-lead-complete	1	0	0	15	176	108	962	9	6	0	27/09/2024	744	0	100.0%	1	4	0	0	0
TESTSERVER	1	0	0	9	111	115	537	11	6	0	27/09/2024	744	0	100.0%	1	8	0	0	0
<b>Total</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>41</b>	<b>495</b>	<b>369</b>	<b>2,043</b>					<b>2,976</b>			<b>4</b>	<b>24</b>			

**Hybrid Benefit Recommendations Table:**

Resource Name	#	Recommendation	Trigger Action (select VM from list above to see associated recommendations)	Resource Group Name	Monthly Savings
azne-lead-complete	1	Hybrid benefit	Buy 1 (1 x 18.7375 GBP) OnPrem licenses to save costs on Licenses - GBP14.65	rg-surveil-ne-prd	15
TESTSERVER	1	Hybrid benefit	Apply HB if applicable to save costs on Licenses - GBP9.25	rg-surveil-ne-prd	9
azne-lead-01	1	Hybrid benefit	Apply HB if applicable to save costs on Licenses - GBP9.6	rg-surveil-ne-prd	6
azne-pbig-01	1	Hybrid benefit	Apply HB if applicable to save costs on Licenses - GBP11.61	rg-surveil-ne-prd	12

3

## QUANTIFY BUSINESS VALUE



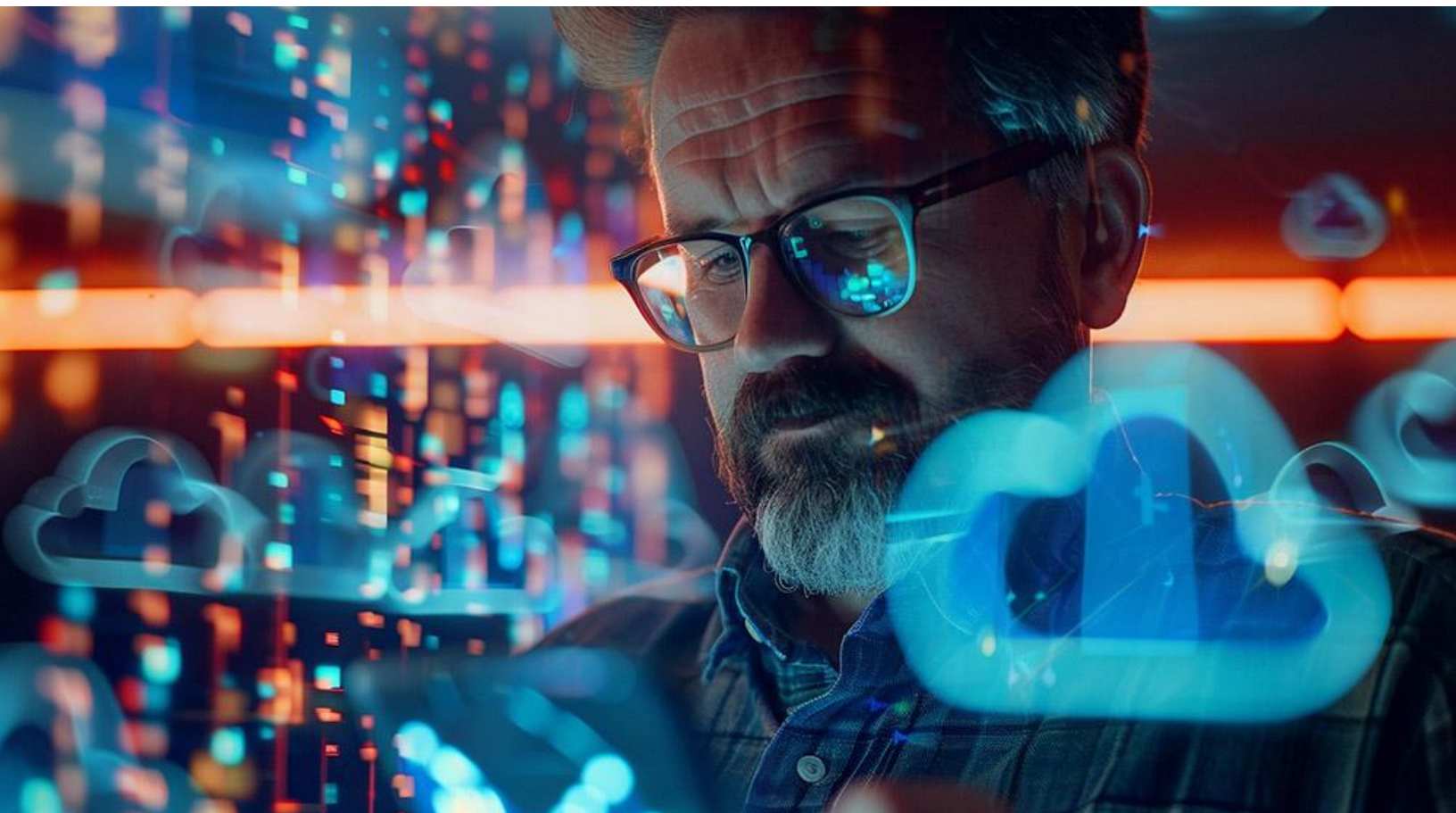
### SURVEIL FOR AZURE CAPABILITIES

#### PLANNING & ESTIMATING

Surveil provides tools for accurate planning and estimating of cloud costs based on historical data and future projections. This helps organizations map monetary and non-monetary cloud costs to budgets.

#### BENCHMARKING

Surveil's benchmarking capabilities enable comparisons of performance and costs across a wide spectrum of uses. This helps organizations perform benchmarking across teams, business units, industry standards, and with other organizations.



3

## QUANTIFY BUSINESS VALUE



## SURVEIL FOR AZURE CAPABILITIES

## BUDGETING

Budgeting features enable the setting and management of cloud spend limits across the organization. This ensures that cloud spending is transparent and within expectations. Surveil's Budget function allows for the creation of Budgets at the Subscription and Smart Tag level. Budgets can be updated at any time. Budget alerts exist on adjustable %s of the total per Subscription or Smart Tag level.

NAME	DESCRIPTION	SCOPE	ENABLED	BUDGET - MONTHLY	RUNNING COSTS	REMAINING BUDGET	PROGRESS
<a href="#">DK Test Budget</a>	DK Test Budget	Subscription = ITEXACT PA...	✓	£100.00	£56.92	£43.08	56.92%
<a href="#">Test</a>	Test		✗	£100,000.00			
<a href="#">Total Costs Budget</a>			✓	£10,000.00	£8,584.94	£1,415.06	85.85%

3

QUANTIFY BUSINESS VALUE



SURVEIL FOR AZURE CAPABILITIES

FORECASTING

Predictive analytics allow for the forecasting of future cloud costs and usage trends. Surveil uses historical information and future plans to establish and measure technical and organizational KPIs.

The screenshot displays the Surveil forecasting interface. On the left is a navigation sidebar with options like Home, Azure, Overview, Inform, Cloud Usage & Cost, Budgets, Shared Costs Conf., Performance Tracking, Forecasting (selected), Optimise, Operate, Health Check, Guardian for Azure, Microsoft 365, Alerts and Metrics, Custom Analytics, and Configuration. The main content area is titled 'Straight Line Forecast Current Month based on Daily Average'. It shows a summary table with YTD (£106,120), Previous Month (£13,584), Month to Date (£8,585), Remaining Month FC (£2,678), Month End Forecast (£11,263, -17.1%), and EOM FC vs PM Average Day Cost % (-14.32%). Below this is a table with columns for subscriptionName, Cost MTD, PM Actuals, EOM FC, Change PM vs EOM FC, and % Change CM to PM (daily avg). The table lists various subscriptions like gbl\_testdev\_services, gbl\_prodnr\_services, and Visual Studio Enterprise Subscription. To the right of the table are two charts: 'Running Costs to Date with Cumulative Forecast (FC)' showing a line graph of cumulative costs from July to December 2024, and 'Daily Actuals and Forecast' showing a line graph of daily costs over the same period. Both charts include forecast windows and linear regression lines.



3

## QUANTIFY BUSINESS VALUE



## SURVEIL FOR AZURE CAPABILITIES

## UNIT ECONOMICS

Analysis of unit economics provides insights into the cost efficiency of cloud resources. This capability helps organizations understand the value generated by their cloud investments. Surveil covers Unit Economics, KPIs and Metrics through its Metric Module.



4

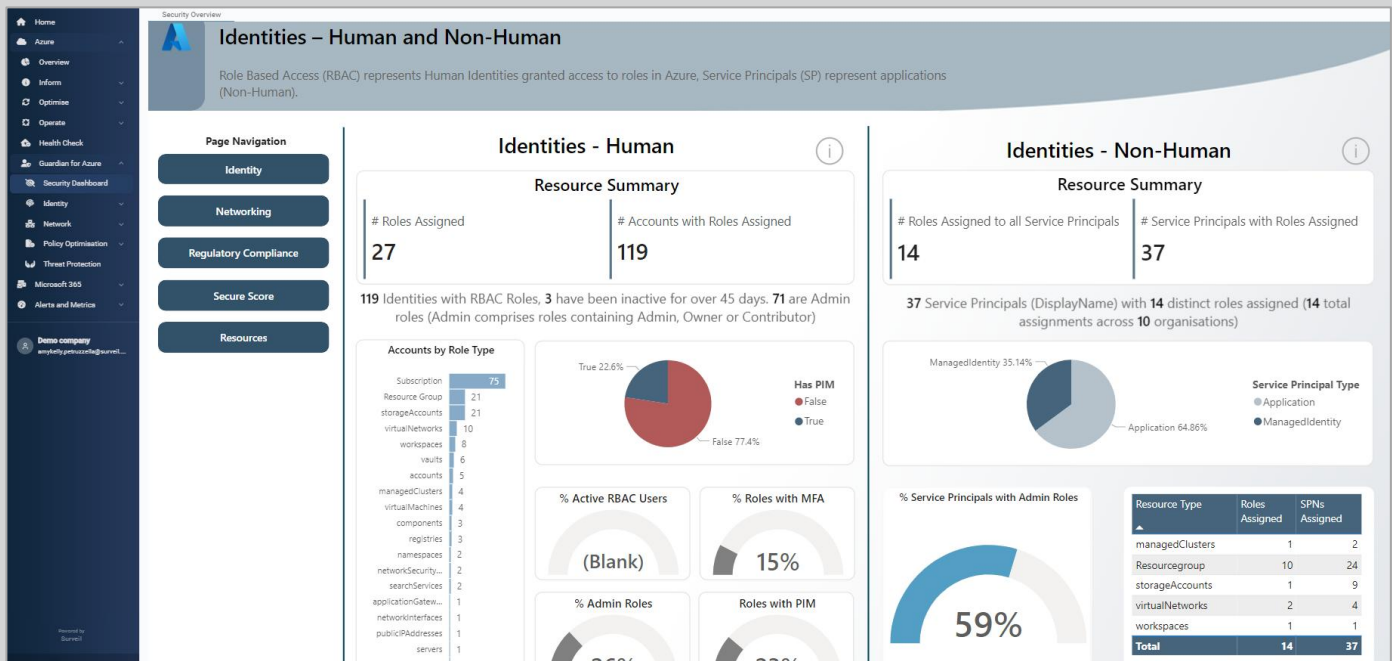
## DECREASE RISK AND INCREASE COMPLIANCE



## SURVEIL FOR AZURE CAPABILITIES

## ZERO TRUST ALIGNMENT

Policy management ensures compliance with organizational and industry standards. Surveil strengthens governance and reduces risk. Surveil has a dedicated module for Cloud Governance and Security called Azure Guardian.



4

DECREASE RISK AND INCREASE COMPLIANCE



SURVEIL FOR AZURE CAPABILITIES

SECURE IDENTITIES

Clean up existing AD and Azure tags through business context, automation, and better license allocation – while also monitoring resource leaks and getting to know joiners/leavers.

The screenshot displays the 'RBAC User Accounts' dashboard. It includes a sidebar with navigation options like Home, Azure, Overview, Inform, Optimize, Operate, Health Check, Guardian for Azure, Security Dashboard, Identity, Human, Non-Human, Network, Policy Optimisation, Threat Protection, Microsoft 365, Alerts and Metrics, and a user profile for 'Demo company'. The main content area features several sections:

- Summary:** '# of Roles Assigned: 27' and '# of Accounts with Roles: 119'. A pie chart shows 'Has PIM' status: 22.6% False and 77.4% True.
- Accounts with RBAC Roles:** A horizontal bar chart showing counts for various roles: Reader (490), Cost Management Reader (254), User Access Administrator (84), Contributor (65), Owner (55), Storage Blob Data Contributor (21), Monitoring Reader (17), Network Contributor (10), Key Vault Administrator (8), Cognitive Services OpenAI User (6), and Log Analytics Contributor (6).
- Accounts by Role Type:** A list of role types with their counts, such as Subscription (927), storageAccounts (33), Resource Group (23), virtualNetworks (12), workspaces (11), vaults (9), accounts (8), searchServices (6), managedClusters (4), virtualMachines (4), components (3), namespaces (3), and registries (3).
- Accounts with Role Based Access:** A table listing accounts with their roles and log activity counts. For example, 'Contributor' has 32 accounts, 65 roles, and 10 subscriptions.
- RBAC Permissions:** A table with columns: Identity Type, # Accounts with Roles, RBAC Role, Description, Subscription, and Has PIM. It lists permissions for 'User' and 'App' identities.
- Resource Access:** A table with columns: Resource Group, Resource Name, Resource Provider, and Resource Type. It shows access for 'absoluteTest' across different resource groups and providers.

4

DECREASE RISK AND INCREASE COMPLIANCE



SURVEIL FOR AZURE CAPABILITIES

CLOUD POLICY & GOVERNANCE

Policy management ensures compliance with organizational and industry standards. Surveil strengthens governance and reduces risk. Surveil has a dedicated module for Cloud Governance and Security called Azure Guardian.

The screenshot displays the Surveil Azure Governance dashboard. The left sidebar contains navigation options: Home, Azure, Overview, Inform, Optimise, Operate, Health Check, Guardian for Azure, Security Dashboard, Identity, Network, Policy Optimisation, Compliance (highlighted), Threat Protection, Microsoft 365, Alerts and Metrics, Custom Analytics, Configuration, and Demo company (nick.kotze@surveil.co).

The main dashboard area is titled "Governance Overview" and includes the following sections:

- Policies and Regulatory Compliance:**
  - 31 Regulatory Standards with 1.37K distinct policies defined.
  - Azure Policy Compliance pie chart: Compliant 22%, Exempt 1%, Non-Compliant 77%.
  - Regulatory Compliance State bar chart showing compliance levels for various policies.
- Secure Score:**
  - Overall Secure Score: 60.59%.
  - SecureScore - Healthy / Unhealthy devices by Subscription bar chart showing scores for various subscriptions.
- Resources and Tagging:**
  - Resource Count by Resource Type bar chart: virtualmachines (86), disks (82), solutions (66), metricalists (61), networksecuritygroups (53), publicaddresses (53), networkinterfaces (47), networkwatchers (47).
  - Blueprint Assignment Count by Name pie chart: Azure-BluePrint-01-Testing (4), Azure-BluePrint-01-Test... (1), Azure-BluePrint-01 (1), (Blank) (1).

## INSIGHTS, EFFICIENCY, AND VALUE



## Visualize Your Cloud Journey with Unparalleled Clarity

Achieving global visibility across hardware, software, SaaS, and cloud usage and spend is crucial for running an efficient and effective technology operation. Until now, obtaining a single, accurate view has been challenging. Surveil, the **market leader in depth and speed of data and insights**, changes this by enabling cloud teams across all IT estates, projects, and business teams.



### Improve Visibility & Allocation Spend

Gain insights that drive smarter, faster business, financial, and IT strategies



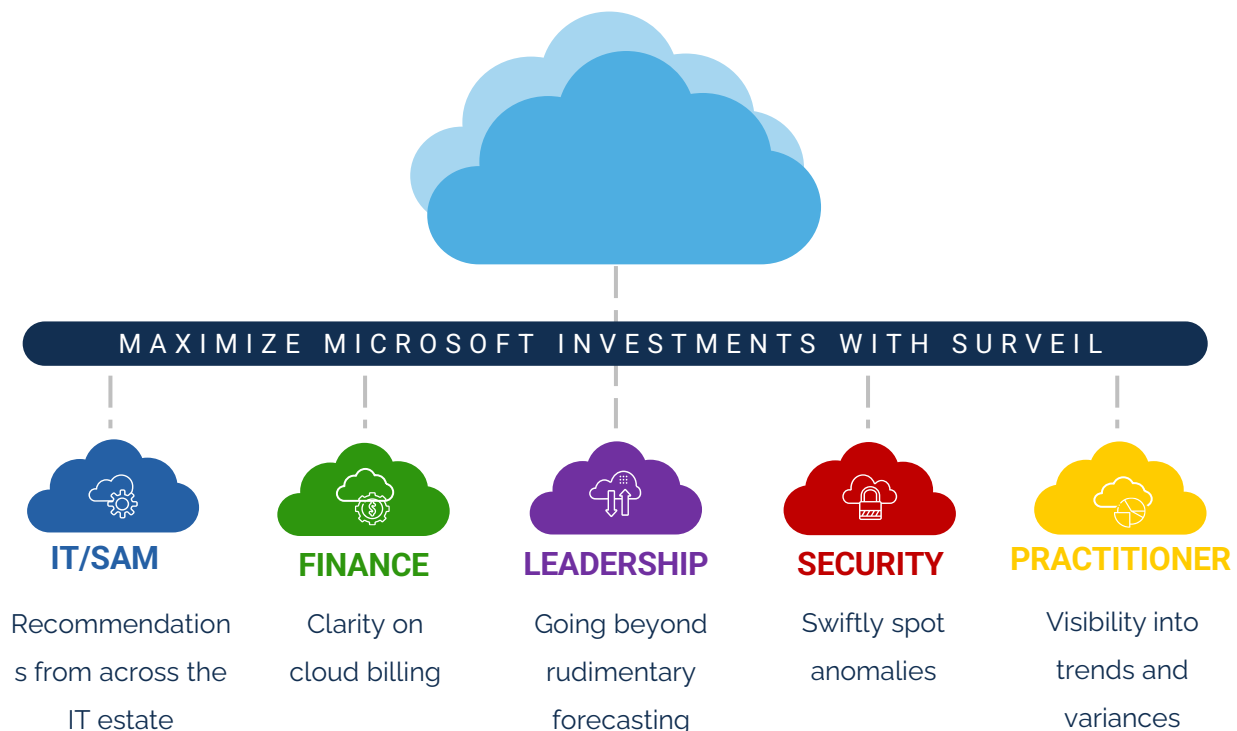
### Enhance Efficiency of Cloud Spend

Convert waste into value by optimizing costs, adoption, resources, and productivity.



### Operate Cloud at Scale

Decrease risk, increase compliance, and strengthen governance.



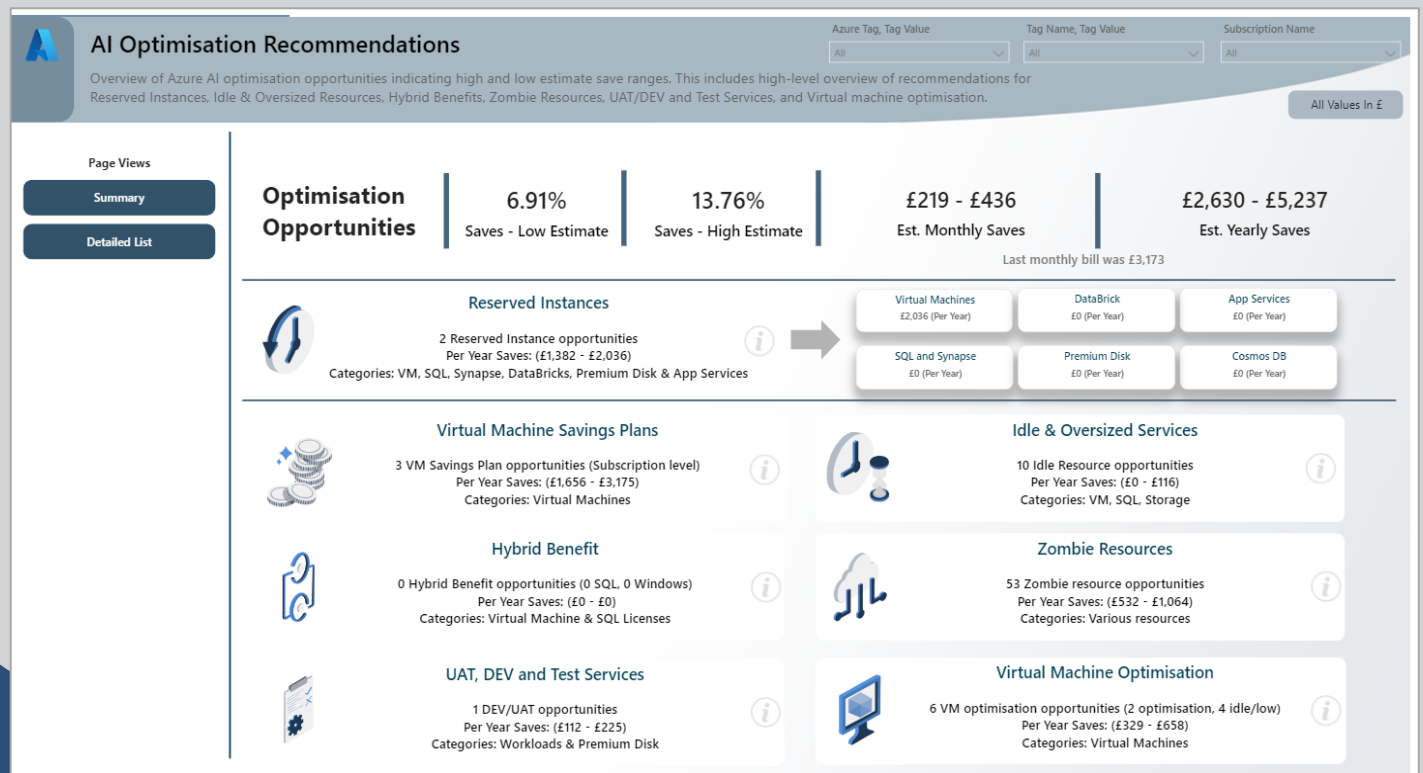
## KEY SURVEIL CAPABILITIES BY BUSINESS STAKEHOLDER



## Comprehensive Recommendations Across the IT Estate

## ITAM/SAM

- Provide accurate data, not just estimates from Azure Advisor.
- Detailed planning around:
  - Resource instances
  - UAT/Dev workloads
  - VM optimization
  - Idle and oversized services
  - Zombie resources
  - Hybrid benefit
- Flexibility in aggressiveness and granularity based on appetite and risk.
- Recommendations for security, performance, and operational (usage and cost).



KEY SURVEIL CAPABILITIES BY BUSINESS STAKEHOLDER



# Clear and Accurate Cloud Billing

## FINANCE

- Speed to data is critical.
- Daily data within the current month of customer usage, no more than 5 days behind today's date.
- Sophisticated tagging to assign relevance to business expenditures.
- Automatically reconcile usage and billing data between the 6th and the 12th.
- Detailed chargeback reporting to ensure transparency and accountability in cloud spending.
- Multi-cloud (Azure, AWS, GCP) cost visualization.

**Billing**  
Billing data by month.

offered\_offerName: All | Azure Tag: Tag Value: All | Meter Category | SubCategory | Name: All | Subscription: All

All Values In £

**Page Views**

- Month Summary
- Day Summary
- Day Detailed

**Date Range**

Last 1 | Select

No filters applied

Subscription Name	YTD Costs
gbl_testdev_services (4d4b53)	12,283
gbl_prodsvrveil_services (e37215)	2,804
ITEXACT PAYG (a7a078)	469
Visual Studio Enterprise Subscription - HG (1d6cd1)	119
Microsoft Azure (f43f7d)	31
gbl_prodned_services (4fec2)	2

**Monthly Summary**

Year/Month	Name	Type	Resource	Region	Unit	Quantity	Cost
2023/Jul	Log Analytics		Pay-as-you-go Dat...		1 GB	689.79	1,506.26
2023/Sep	Log Analytics		Pay-as-you-go Dat...		1 GB	427.97	885.62
2023/Aug	Power BI Embedded		A1 Node		1 Hour	744.00	609.31
2023/Dec	Power BI Embedded		A1 Node		1 Hour	744.00	609.31
2023/Jul	Power BI Embedded		A1 Node		1 Hour	744.00	609.31
2023/May	Power BI Embedded		A1 Node		1 Hour	744.00	609.31
2024/Jan	Power BI Embedded		A1 Node		1 Hour	744.00	609.31
2024/May	Power BI Embedded		A1 Node		1 Hour	744.00	609.31
2024/Mar	Power BI Embedded		A1 Node		1 Hour	733.00	600.31
2023/Jun	Power BI Embedded		A1 Node		1 Hour	720.00	589.66
2023/Nov	Power BI Embedded		A1 Node		1 Hour	720.00	589.66
2024/Feb	Power BI Embedded		A1 Node		1 Hour	696.00	570.00
2023/Sep	Power BI Embedded		A1 Node		1 Hour	720.00	570.00
2024/Apr	Power BI Embedded		A1 Node		1 Hour	676.00	553.62
2023/Oct	Power BI Embedded		A1 Node		1 Hour	527.97	432.39
2023/Jul	Virtual Machines	DaaS Series	D4as v5		100 Hours	2231.95	362.64
<b>Total</b>							<b>47,080.46</b>

**Cost Changes Previous to Previous Previous Month**

Meter Category   Sub Category   Resource Name	Cost in Selected Period	Cost Previous Month	% Change to PPM
Power BI Embedded	7,764.18	611.11	↑ 10%
Application Gateway	5,624.49	532.74	↑ 13%
Storage	5,928.00	463.94	↑ 8%
Virtual Machines	8,122.77	326.91	↑ 29%
Microsoft Defender for Cloud	1,357.64	194.53	↑ 13%
Azure Bastion	2,225.92	175.28	↑ 10%
Virtual Network	2,892.36	150.55	↑ 137%
Backup	1,997.25	132.59	↑ 8%
Azure Cognitive Search	1,040.87	122.09	↑ 11%
Azure Kubernetes Service	1,534.18	120.89	↑ 11%
Load Balancer	1,157.59	107.25	↑ 17%
Azure App Service	1,343.28	105.77	↑ 11%
SQL Database	1,098.94	85.32	↑ 10%
Container Registry	141.18	33.58	↑ 11%
Bandwidth	17.56	6.30	↑ 113%
<b>Total</b>	<b>47,080.46</b>	<b>3,172.51</b>	<b>15%</b>

**Smart Tag Name, Tag Value**

All

Select a Smart Tag category to view costs by the associated tag values.

**Cost by Smart Tag Value**

Smart Tag Value	Cost	Percentage
SERVICES	47,080K	13.41%
Globtestdevservices	38,08K	10.84%
DEV	37,43K	10.66%
EMEA	37,20K	10.6%
High	12,69K	3.61%
Low	15,95K	4.54%
IT Support	3,57K	1.02%
Field Ser...	6,55K	1.87%
Spain	7,40K	2.11%
Manuf...	7,51K	2.14%
Productoin	7,79K	2.22%
Custo...	7,82K	2.23%
EU45	9,21K	2.62%
QA	18,65K	5.37%

**Cost by Meter Category**

Meter Category	Cost	Percentage
Virtual Machines	8,122K	17.25%
Power BI Embedded	7,764K	16.49%
Storage	5,93K	12.59%
Application Gateway	5,62K	11.95%
Security Center	0,87K	1.85%
Azure App Service	1,34K	2.85%
Azure K...	1,53K	3.26%
Backup	2,00K	4.24%
Azure Bastion	2,23K	4.73%
Virtual Network	2,89K	6.14%
Log Analytics	3,58K	7.6%

KEY SURVEIL CAPABILITIES BY BUSINESS STAKEHOLDER



# Advanced Forecasting Beyond Rudimentary Methods

## LEADERSHIP

- Eliminate guesswork in forecasting.
- Identify resource patterns with and without seasonality to optimize, right-size, and adjust services to match actual demand.
- Forecast future outcomes versus the last 12 months, broken down by meter category, months, and when resources were added.
- Make informed and strategic decisions.
- Allocate budgets effectively.

A

Linear Regression Forecast (Monthly Data)

Smart Tag Name, Tag Value

Forecast based on linear regression built up of all available date from start to then end of the actuals. As this takes all data into account it gives a longer term view.

YTD  
**£18,134**

Previous Month  
**£3,173**

Month End Forecast  
**£2,742**

Year End Forecast  
**£32,086**

EOM vs PM Average Day Cost %  
**-16.36%**

Select Row hierarchy in matrix

Select matrix columns

Multiple selections
Multiple selections

meterName	Actuals Trend	YTD	PM Actuals	EOM FC	Change PM vs FC	% change PM to FC
⊞ D4a v4/D4as v4		36	-296	-7	288	-97.56%
⊞ Az-GPT-35-turbo-16k-Prompt Tokens		10	-198	-6	192	-97.26%
⊞ D4ds v4		298	1,049	1,172	122	8.06%
⊞ Intra-Region Ingress		361	24	108	84	331.41%
⊞ Intra-Region Egress		347	23	104	81	334.92%
⊞ Standard Fixed Cost		1,261	259	309	50	15.29%
⊞ Metrics ingestion Metric samples		2	-30	1	31	-101.91%
⊞ GRS Data Stored		548	103	123	19	14.90%
⊞ P20 LRS Disk		702	131	145	13	6.57%
⊞ Az-GPT-35-turbo-16k-Completion Tokens		1	-8	0	8	-96.77%
⊞ E3 LRS Disk		8	-4	2	6	-150.70%
⊞ Standard IPv4 Static Public IP		175	34	38	4	9.32%
⊞ ZRS Snapshots		140	39	41	2	8.95%
⊞ P6 LRS Disk		15	20	22	2	8.95%
⊞ E2 Disks		39	17	19	1	11.25%
⊞ Standard Data Transfer Out		7	0	1	1	221.57%
⊞ Disk Operations		45	9	10	0	6.98%
⊞ S4 Disks		12	4	4	0	9.65%

Cumulative Forecast Based on Linear Regression

Forecast based on 396 days data, between 01 May 23 - 31 May 24 end of year forecast 32,085.75

● Actuals and FC based on 3Month Avg.
● FC based on Linear Regression

Forecast Monthly Run Rate and Actuals to date

Forecast based on 366 days data, between 01 May 23 - 01 May 24

● Actuals and FC based on 3Month Avg.
● FC based on Linear Regression



## KEY SURVEIL CAPABILITIES BY BUSINESS STAKEHOLDER



### Swift Anomaly Detection

#### SECURITY

- Easily access every single IP address range across 260 subscriptions.
- Maintain activity logs for long-term tracking.
- Track changes on who did what and when:
  - Time
  - Change operator
  - Resource
  - Cost impact
- Enforce governance and compliance.

Activity Logs

### Azure Activity Logs

Azure Activity Logs of Moves, Adds and Changes to the Azure environment.

Action Type
Initiated By
Resource Name
Subscription

All
All
All
All

All Values In £

**Timestamp Window**

1/9/2024 6/22/2024

Subscription	Changes
Microsoft Azure Sponsorship	133
gbltestdevservices	129
IEXAC PAYG	30

**Log Records on Moves, Adds & Changes to the Azure Environment ( 292 activities in 165 days)**

Event Date	Hour	Initiated By	#	Action	Operation	resourceName	cost	resource Type	Status
1/9/2024	11:00:00 AM	aeb0be48160b4b7ccac779b1d0a5589297caf63099	1	write	Create Deployment	Microsoft.CognitiveServicesOpenAI-20240109132331		Microsoft.Resources/deployments	Succeeded
1/9/2024	11:00:00 AM	d48ea899895a8e8676d55eb64c7aec6e96a4b955	2	delete	Delete Disk	azne-pentestvm-01_OsDisk_1_767e73fb2c7e442a87b23f92d7a8eca4	131.91	Microsoft.Compute/disks	Succeeded
1/9/2024	11:00:00 AM	d48ea899895a8e8676d55eb64c7aec6e96a4b955	3	delete	Delete Network Interface	azne-pentestvm-01190		Microsoft.Network/networkInterfaces	Succeeded
1/9/2024	11:00:00 AM	d48ea899895a8e8676d55eb64c7aec6e96a4b955	3	delete	Delete Public Ip Address	azne-pentestvm-01-ip	24.54	Microsoft.Network/publicIPAddresses	Succeeded
1/9/2024	11:00:00 AM	d48ea899895a8e8676d55eb64c7aec6e96a4b955	3	delete	Delete Virtual Machine	azne-pentestvm-01	797.78	Microsoft.Compute/virtualMachines	Succeeded
1/9/2024	11:00:00 AM	d4d279320036a80430ea9da64ff6c0c92e0c23b	2	delete	Delete Disk	azne-pentestvm-01_OsDisk_1_767e73fb2c7e442a87b23f92d7a8eca4	131.91	Microsoft.Compute/disks	Succeeded
1/9/2024	12:00:00 PM	0064e528086ec2e20a58cc106b0f9d70cd314e96	1	write	Create Deployment	ApplicationGatewayUpdate-20240109141106		Microsoft.Resources/deployments	Succeeded
1/15/2024	4:00:00 PM	13c4d34933810937d217ce089813a64a14e15e39	1	write	Create Deployment	Failure-Anomalies-Alert-Rule-Deployment-1758447b		Microsoft.Resources/deployments	Succeeded
1/15/2024	4:00:00 PM	5d328240455f97187c7b96b13fe300b12547cece	1	write	Create Deployment	544fb301-g942-4b3a-8391-4b76ae4707a9		Microsoft.Resources/deployments	Succeeded
<b>Total</b>			<b>292</b>				<b>47,080.46</b>		

**165**  
Log Duration

**292**  
# Events

**Action Type**

**Event Initiators**

Initiated By	# Activities
aeb0be48160b4b7ccac779b1d0a5589297caf63099	117
d48ea899895a8e8676d55eb64c7aec6e96a4b955	70
5d328240455f97187c7b96b13fe300b12547cece	38
ce062ccf8e71714866952cc0c27ba9e50428287	16

**Impacted**

**Cost by Date**

Visit <https://surveil.co/surveil-for-azure/> to learn more.

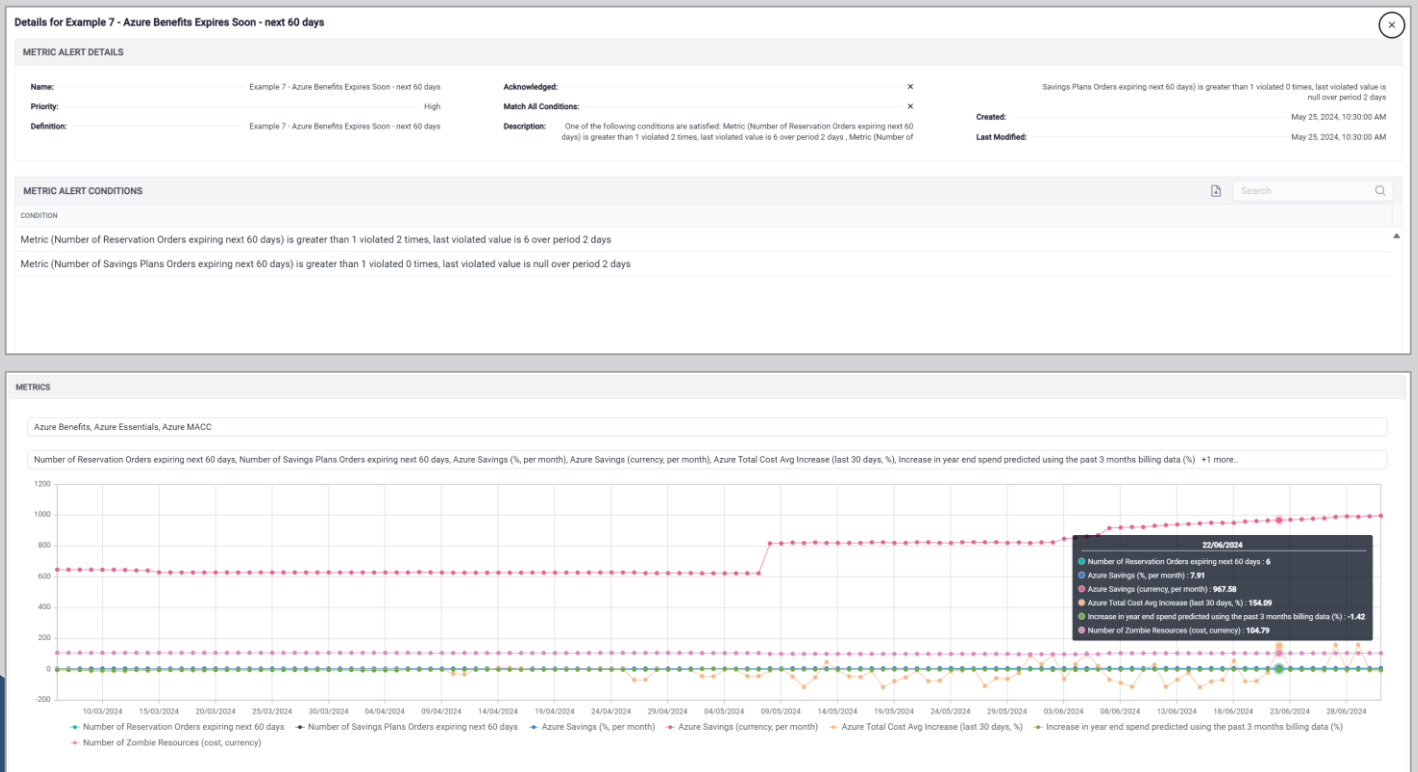
## KEY SURVEIL CAPABILITIES BY BUSINESS STAKEHOLDER



## Visibility into Trends and Variances

## PRACTITIONER

- Automate trend alerts.
- Take corrective actions promptly when spending exceeds projected budgets.
- Compare percentage variance on trend against a subscription budget.
- Long-term trending ( $\geq 6$  months).



## SURVEIL PLATFORM OVERVIEW



### Transform Cloud Experiences with Complete Transparency



Empower your organization to cut costs and enhance security with a 360-degree view of your Azure spend and usage. Maximize your cloud investment by uncovering hidden expenses, idle resources, and opportunities for cost optimization. Make informed decisions with detailed, FinOps-aligned insights and actionable recommendations. Convert waste into value, secure your cloud infrastructure, drive efficiency, and achieve business goals with **Surveil for Azure**.

### Maximize Microsoft 365 with Greater Visibility and Clarity



Transform your M365 environment with unparalleled visibility and control. Support seamless transitions for joiners, movers, and leavers (JML) while optimizing resource allocation. Gain detailed insights into license agreements and usage to cut costs and maximize investments. With ongoing usage analysis and spend forecasts, Surveil enables proactive decision-making, leading to significant cost savings and improved ROI. Cut costs, boost security, drive efficiency, and achieve business goals with **Surveil for M365**.

### Multi-cloud Cost Visualization & Chargeback



Globally, 92% of organizations have implemented a multi-cloud strategy or are actively working on one. As the overwhelming demand for cross-cloud insights grows, **Surveil Multi-Cloud** Cost Visualization and Chargeback provides clear and actionable insights into your spending across Azure, AWS, and Google Cloud. Surveil Multi-cloud utilizes the FinOps Open Cost Usage Specification (FOCUS) 1.0, cost visibility, and an advanced smart tagging engine that enables business relevance to your cloud expenditure data.

MAXIMIZE YOUR MICROSOFT INVESTMENTS WITH CONFIDENCE

## Go beyond short-term cost optimization activities

with in-depth visibility and control across business-relevant cost and consumption – all fueled by AI, unparalleled speed, and accuracy.

**The result is long-term success throughout your cloud journey.**



### About Surveil

Surveil delivers SaaS-based, high-performance, cloud data solutions that empowers organizations with the tools they need to optimize costs, enhance security and governance, and drive business success with cutting-edge insights, unmatched efficiency, and unparalleled value.

More than 118,000 companies served, over 16 million identities, and \$1.5 billion in Microsoft 365 and Azure costs managed annually.

Secured to full ISO 27001 and SOC 2 standards.

To learn more, visit <https://surveil.co>.

## NEXT STEPS

Discover more about how Surveil for Azure can help maximize your Microsoft investments at scale.

LEARN MORE