

SSID:

Pwd:

# Fed Forum 2024

## Software Asset Management (SAM) & Cloud Cost Management (CCM) Workshop

**Fri 3/26 10-2 PM, Gaylord National Harbor – Potomac 4**

CloudLabs Link: <https://clabs.link/itamv-mar-6276>

Admin Password: y3vFvc8v6BnQ

Reservation Code: 3Y4FC

Email: [Tom.Boudreau@servicenow.com](mailto:Tom.Boudreau@servicenow.com) (Boo-Drooow)

# Safe harbor notice for forward-looking statements

This presentation may contain “forward-looking” statements that are based on our beliefs and assumptions and on information currently available to us only as of the date of this presentation. Forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause actual results to differ materially from those expected or implied by the forward-looking statements. Further information on these and other factors that could cause or contribute to such differences include, but are not limited to, those discussed in the section titled “Risk Factors,” set forth in our most recent Annual Report on Form 10-K and Quarterly Report on Form 10-Q and in our other Securities and Exchange Commission filings. We cannot guarantee that we will achieve the plans, intentions, or expectations disclosed in our forward-looking statements, and you should not place undue reliance on our forward-looking statements. The information on new products, features, or functionality is intended to outline our general product direction and should not be relied upon in making a purchasing decision, is for informational purposes only, and shall not be incorporated into any contract, and is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. The development, release, and timing of any features or functionality described for our products remains at our sole discretion. We undertake no obligation, and do not intend, to update the forward-looking statements.

# Workshop Agenda:

## Software Asset Management (SAM) & Cloud Cost Management (CCM)

Friday March 22nd

Section	Topic	Start	End	Duration
	<b>Welcome Breakfast &amp; Networking</b>	9:00 AM	10:00 AM	60
	Kickoff, Asset Background, Agenda, & Expectations	10:00 AM	10:15 AM	15
SAM	Overview & What's New in SAM	10:15 AM	10:35 AM	20
SAM	<b>Hands-On Labs + 10m Break:</b> Normalization, Entitlements, License Reconciliation, End-user License Optimization, Cloud Cost Simulator	10:35 AM	11:45 AM	70
SAM	Review & Product Mgmt Roadmap	11:45 AM	12:10 PM	25
CCM	Overview & What's New in CCM	12:10 PM	12:30 PM	20
	<b>Lunch</b>	12:30 PM	1:00 PM	30
CCM	<b>Hands-On Labs:</b> Analyze Cloud Spend, Cost Optimization, Team Collaboration, CCM & the CMDB	1:00 PM	1:40 PM	40
CCM	Review & Product Mgmt Roadmap	1:40 PM	2:00 PM	20



# Workshop Objectives

1

Discover best practices

2

Learn about other offerings that can help

3

Connect with other users and the product team

# Why is manual asset management a struggle?

## Disconnected tools



Tool gaps are filled by manual processes from purchase to disposal

## Manual processes



Human error from repetitive tasks, slow service to end users

## Increased cost & risk




Unknown installed inventory, purchase sprawl, and compliance exposure

# The problem with status quo:

“Do you plan on managing assets over here...”

**Legacy point tool**



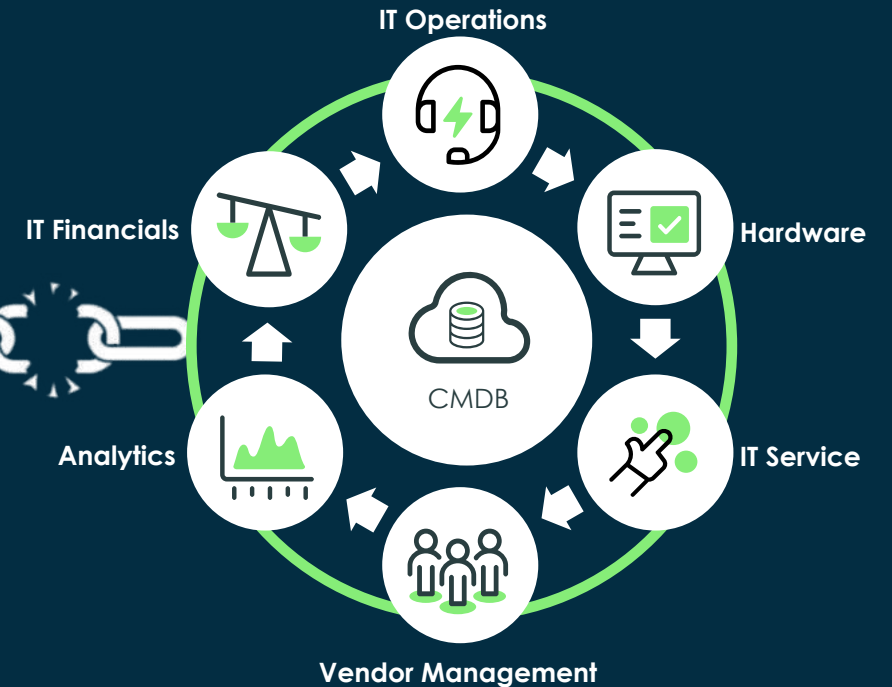
- Manual process
- Siloed teams
- Multiple UIs

???

## Challenges

- ✗ Brittle integrations
- ✗ Nonstop CMDB exports and imports
- ✗ HW and SW managed separately
- ✗ May not be bi-directional
- ✗ Not real-time

Tracking assets in separate systems prohibits process automation

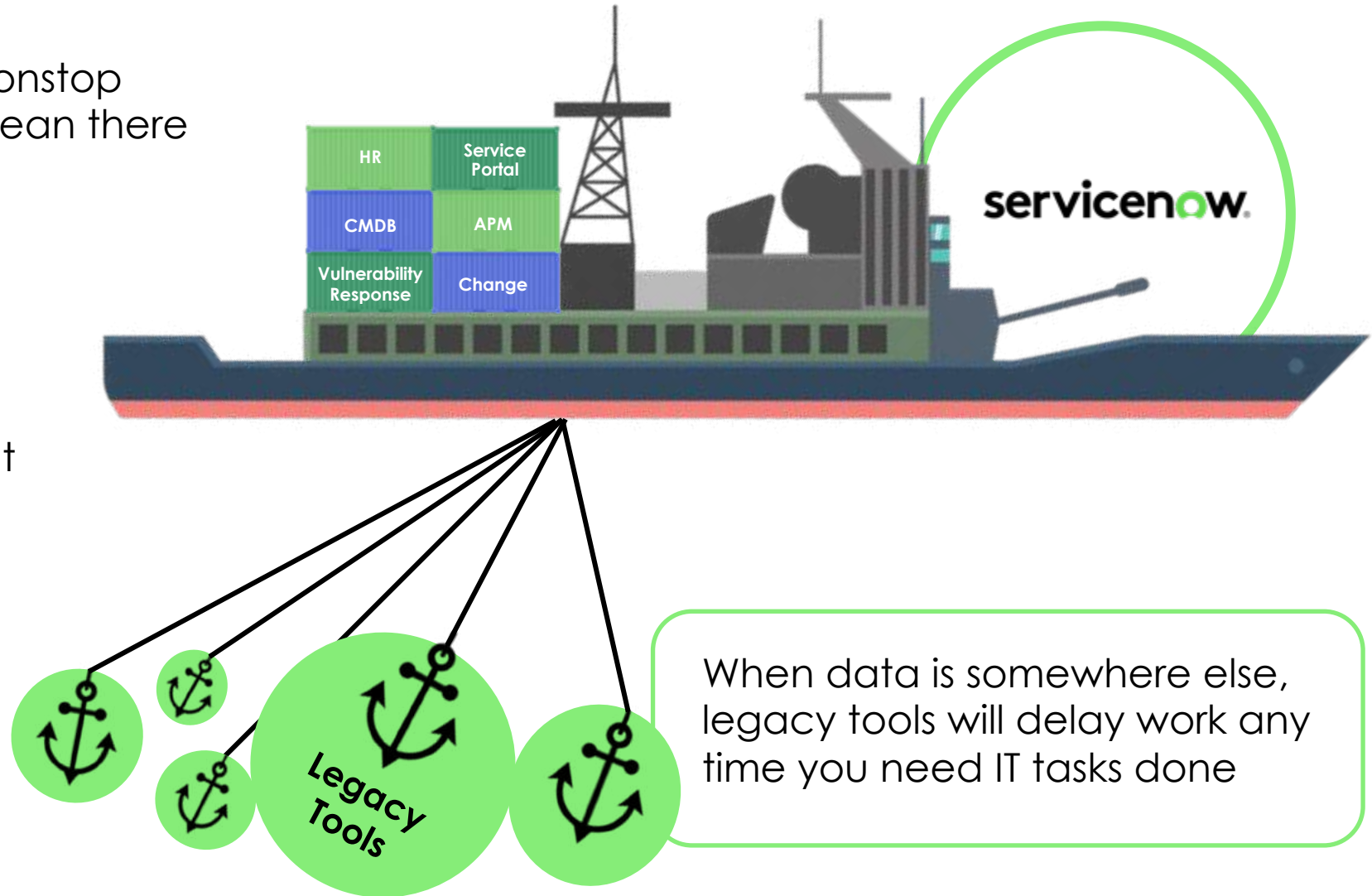


# Point tools miss all current asset activity

Legacy tools that depend on nonstop imports and exports of CMDB mean there are delays every time you:

1. Request something
2. On board an employee
3. Provision a device or cloud
4. Enable a user SaaS access
5. Provide data to procurement
6. Service an asset or CI
7. Surface a vulnerability
8. Align cost for IT finance
9. Map apps to assets
10. Retire something

And the list goes on...



# Customers need to manage all IT assets in all estates

Hardware & Software, On Prem & Hybrid Clouds

## Great experiences

Delivered to employees and customers

Our unique differentiation

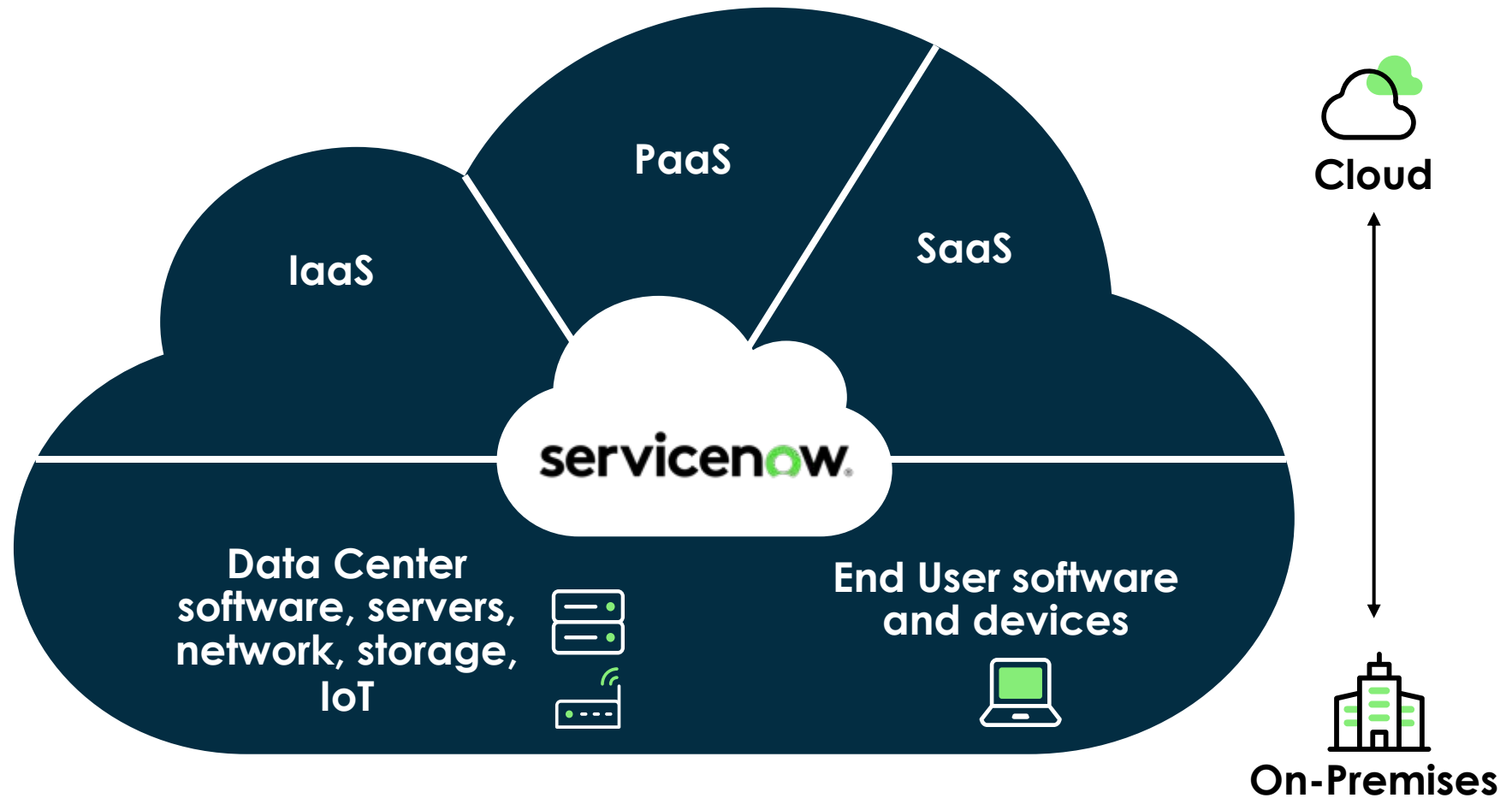
### Digital Workflows

Orchestrate work across the enterprise

### Unified Cloud Platform

The foundation for all workflows

- 1 Platform
- 1 Data model
- 1 Architecture





# A single platform for asset management



## Hardware

Mobile Devices  
Servers

Computers  
Network Devices



## Cloud

SaaS  
IaaS  
FinOps  
Serverless  
Containers



## Software

End User Software  
Applications  
Datacenter  
Industrial Software

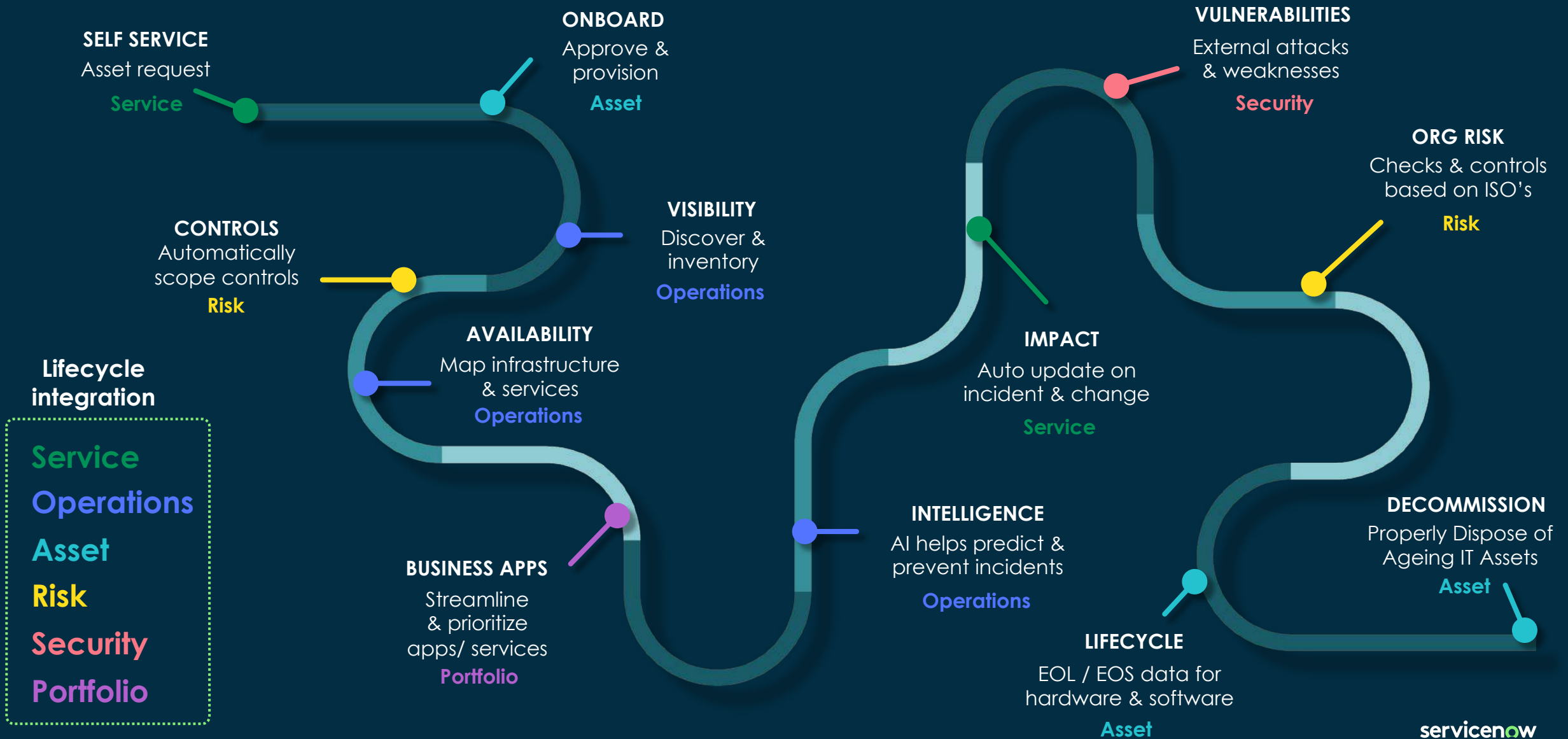


## Enterprise Assets

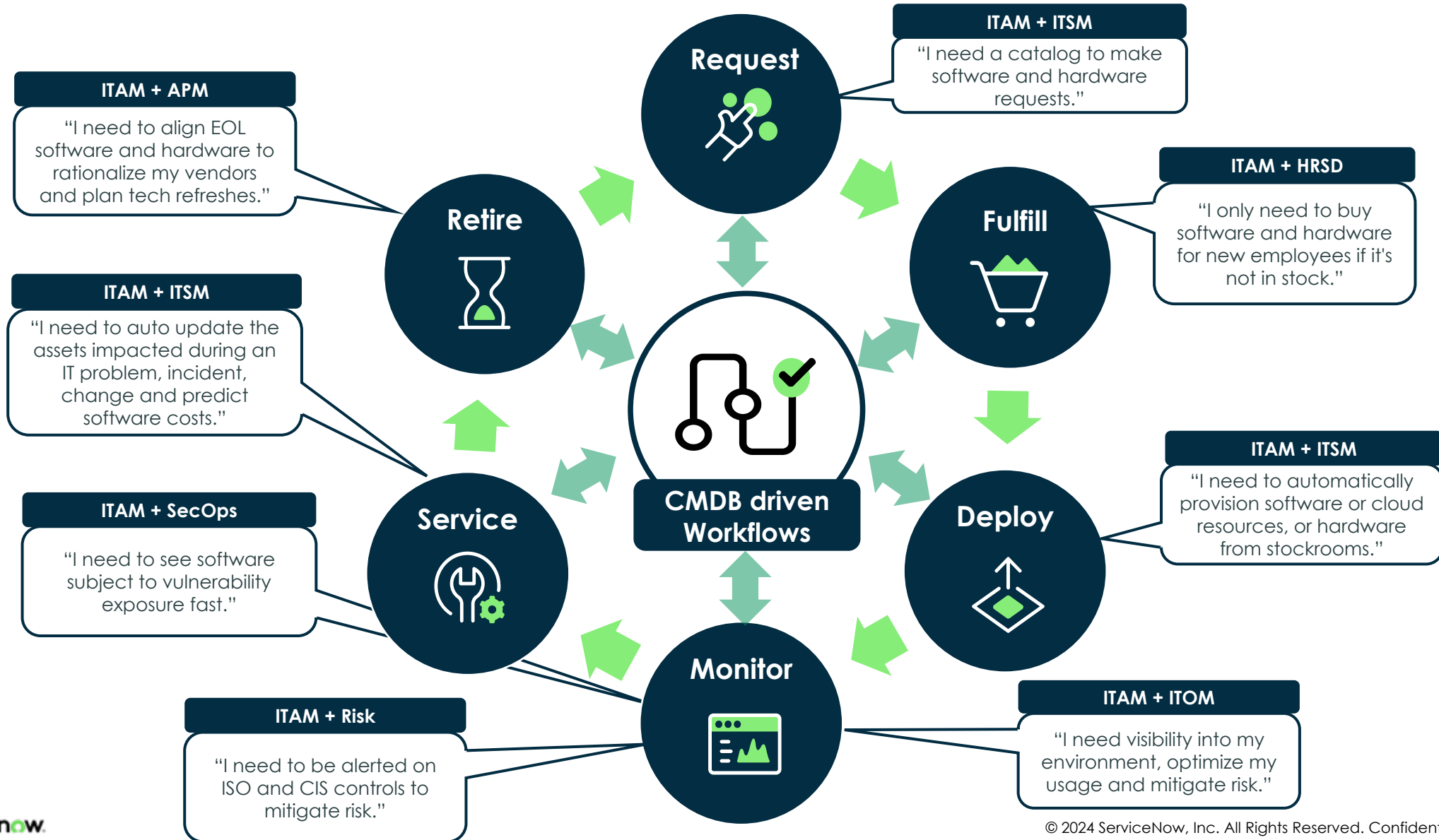
Frontline Assets  
Back-office Equipment  
Production Machinery  
Facilities and Buildings



# Technology asset management lifecycle



# A single platform for the full technology asset lifecycle

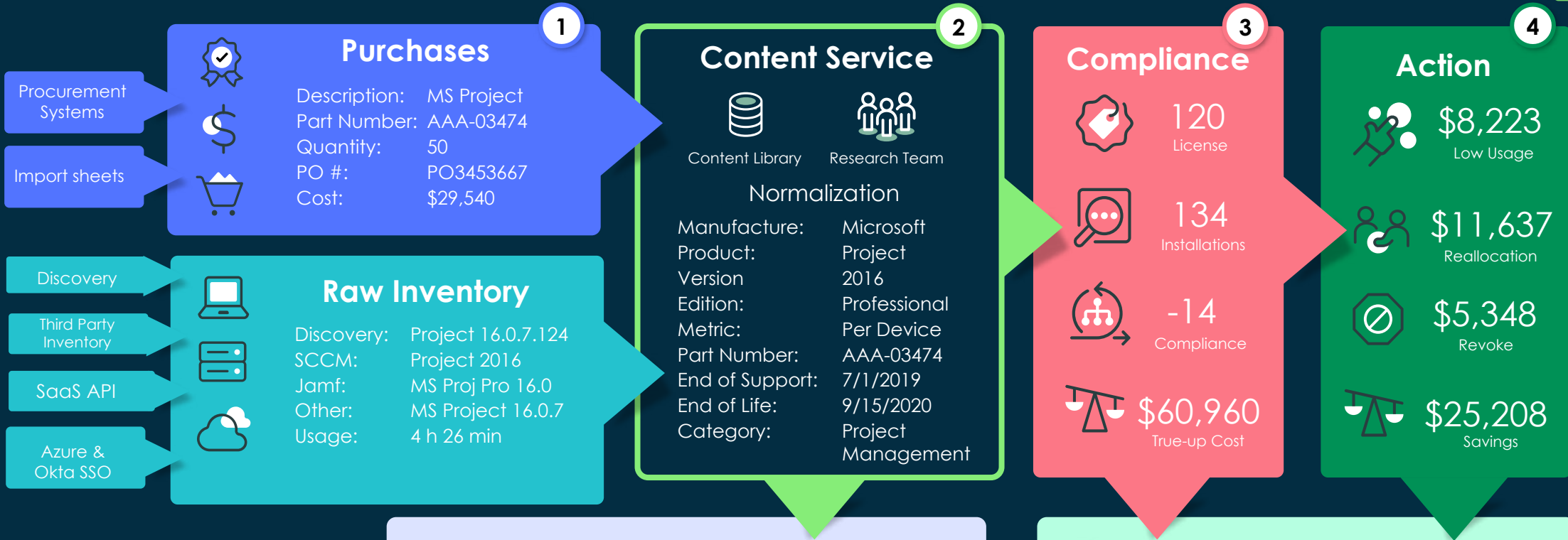




# Software Asset Management

Reduce software risk and identify savings

# How does SAM work on Now Platform?



Better Together

SAM Strategic Advantage











# Summary of SAM and Discovery benefits and features



## Benefits

- Reduce **audit risk** and **wasted spend** with top software vendors
- Identify **end of life software** and automate remediation
- Optimize **end user** SaaS and installed software spend
- **Reduce time** for distributing and reclaiming software

## Features

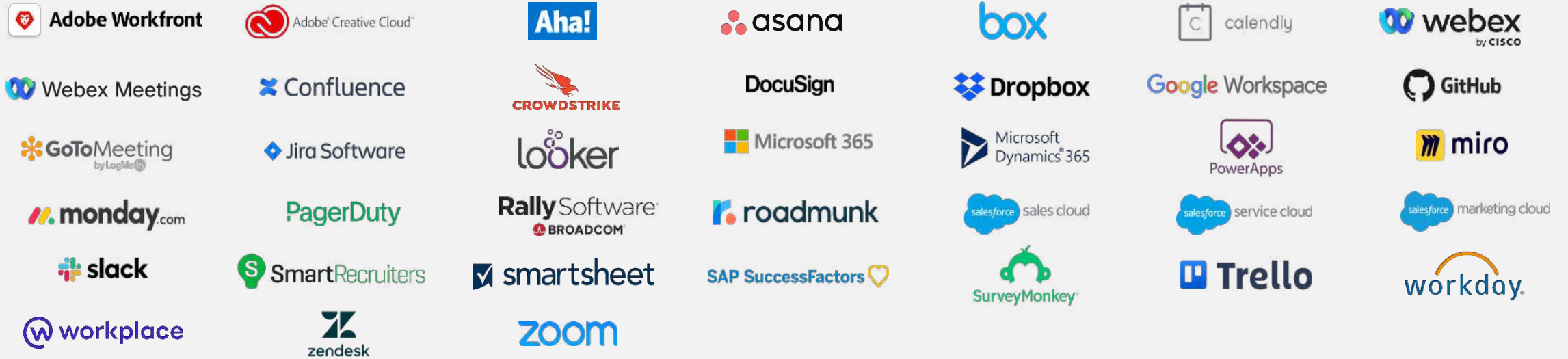
 <b>SAM Content &amp; Normalization</b>	 <b>Publisher Packs</b>	 <b>Software Reclamation</b>	 <b>SaaS License Management</b>	 <b>M365 and Adobe Integrations</b>
 <b>Application &amp; OS Inventory</b>	 <b>Virtualization Discovery</b>	 <b>File-Based Discovery</b>	 <b>Oracle GLAS Data Collection</b>	 <b>Anglepoint IASP Data Collection</b>

# SaaS: Thousands of apps & deep usage analysis



## Direct Integrations

New integrations and updates every quarter!



## Single Sign On



okta

SSO Usage Data for ~10,000 apps

## Custom Integrations (SaaS License Connections)

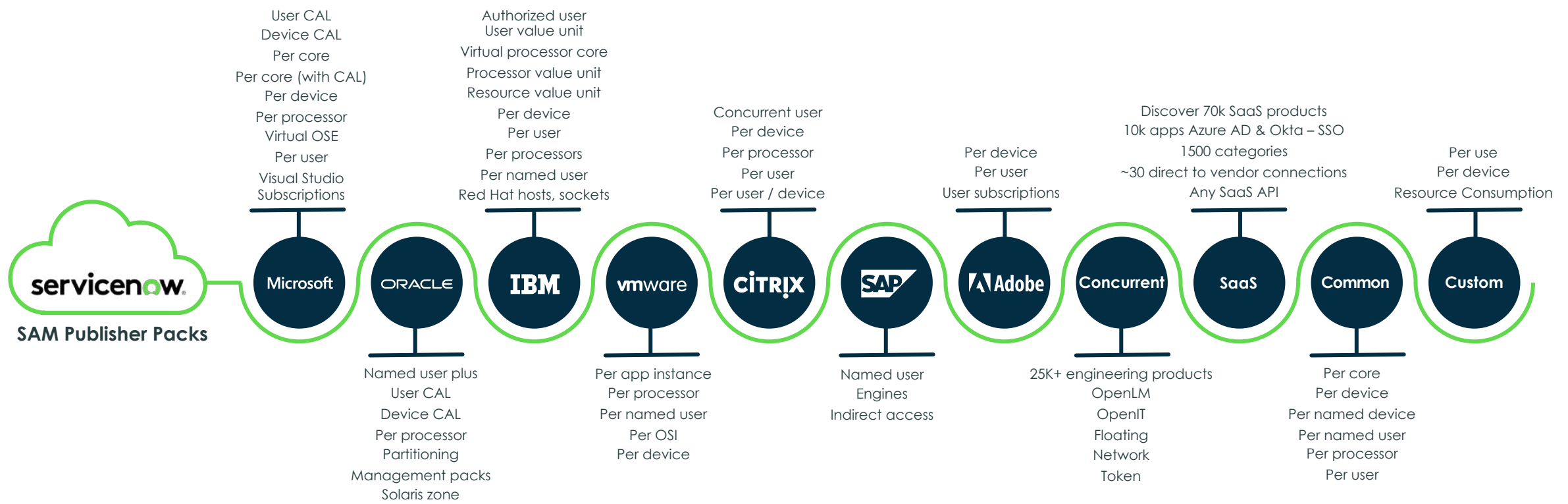
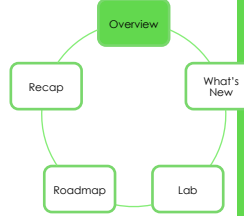


SaaS License Connections

## Build your own SaaS integrations

Actionable insights for any SaaS app in your environment

# Publisher Packs



## Complex publisher specific metrics

~80% of your software spend is likely with your top few software publishers - These same vendors perform audits

## Common & unlimited metrics

~20% of software spend is a long tail of publishers, typically licensed by common metrics in the content library

## Custom metrics

Complex metrics such as revenue base software compliance or in-house applications



# Integration to support EA Automation



Related Demands & Projects tied to goals and strategies

PPM

APM

TPM

TPM uses the SAM software Inventory and normalization to manage their vendor lifecycles and bridges the gap to Demands and Projects in PPM

Normalized Product Models

Service Mapping

SAM + HAM

Discovery

SAM and HAM build a normalized inventory of the software and hardware models supporting an Application Service

Discovery identifies and adds hardware and software CI's to the CMDB including Applications and Application Services

Service Mapping creates the dependencies on the discovered CI's that support Applications

# Highlights from recent SAM releases




## 2021

### Categories

- Datacenter software
- End user and SaaS
- User experience and product success
- Automation and better-together

### Ongoing Improvement

-  Content library
-  SaaS integrations
-  Existing features

\*ENT = SAM Enterprise

### Quebec

- Microsoft Bring Your Own License (BYOL)
- Red Hat and Windows Server Optimization
- Okta SSO Integration
- Machine Learning Normalization - **ENT\***

### Rome

- Oracle BYOL and vCenter enhancements
- M365 optimizations and Salesforce enhancements
- Software Asset Workspace
- ITOM Agent Client Collector

## 2022

### San Diego

- Microsoft SQL Server optimization improvements
- Content Library Portal
- HAM and SAM Employee Offboarding workflow
- Virtual Agent for Software Requests

### Tokyo

- Cloud Cost Simulator - **ENT**
- ITAM Exec Dashboard and SAM Success Portal
- Contract Renewal workflow
- APM Technology Reference Model

## 2023

### Utah

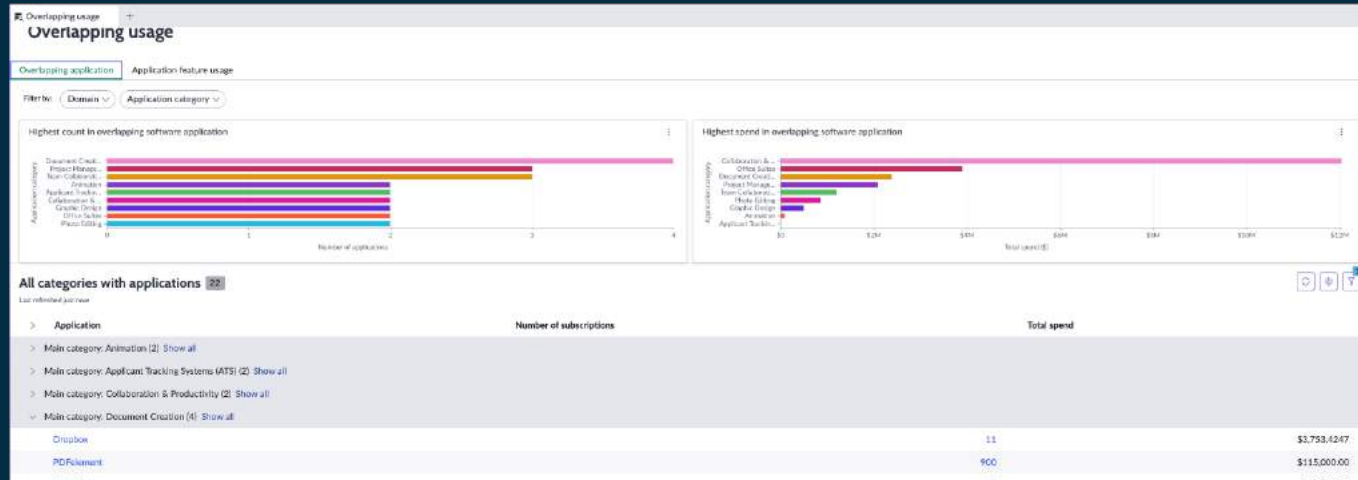
- IBM Authorized SAM Provider (IASP) support
- Software Renewal Calendar
- Coupa Entitlement Integration - **ENT**
- ITOM Container Software

### Vancouver

- Entitlement enhancements and License Pools
- Overlapping SaaS Products and Usage
- SQL Server Guided Experience
- ITOM Process Fingerprints

# Optimize Overlapping Software

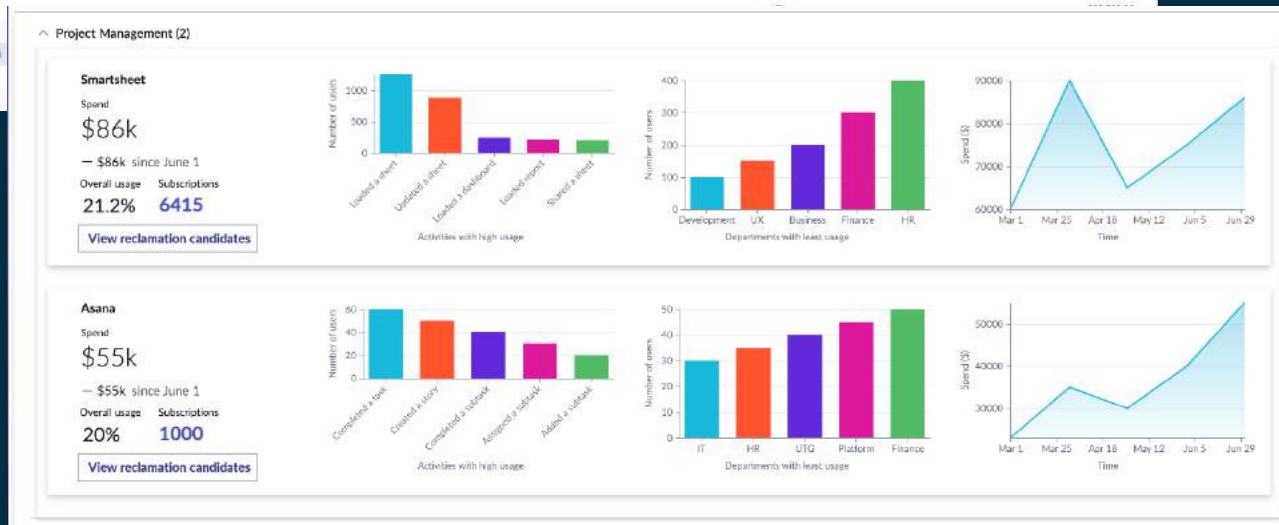
Next Experience



Professional & Enterprise

Maximize the value of your SaaS application by getting insights into feature level usage.

- 1 Provide insights into how the application is used within an organization.
- 2 Help compare usage across applications under the same product category.
- 3 Determine if the organization is getting value from the purchased applications and identify opportunities to optimize spend on overlapping software.



# IBM IASP Partner support

Discover and manage licenses for IBM products under the IASP program



## ServiceNow Discovery

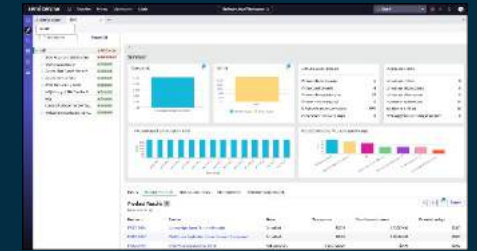
- Discover IBM components in your environment with in-platform discovery capabilities

## IASP Program

- IASP Partner services
- Partner Store application

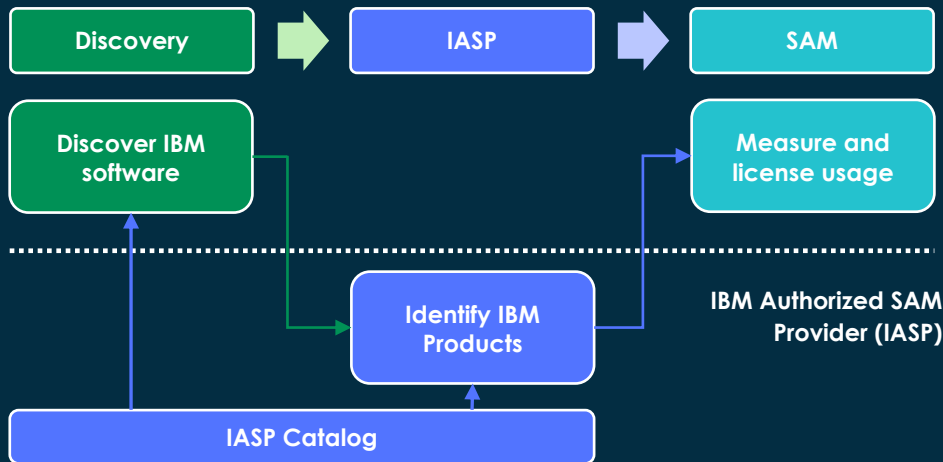
## ServiceNow SAM

- Compliance management and reporting
- Automated lifecycle workflows



Report on IBM usage without the use of IBM License Metric Tool (ILMT) or BigFix Inventory

## IBM License Compliance for Software Asset Management (SAM)



- Connect the SAM Publisher Pack for IBM with the IASP platform to improve visibility and management of your IBM environment
- Manage full capacity and sub-capacity licensing for IBM products running in VMware virtual environments
- Optimize IBM products licensed by:
  - Processor Value Unit (PVU)
  - Resource Value Unit (RVU)
  - Virtual Processor Core (VPC)

### Requirements:

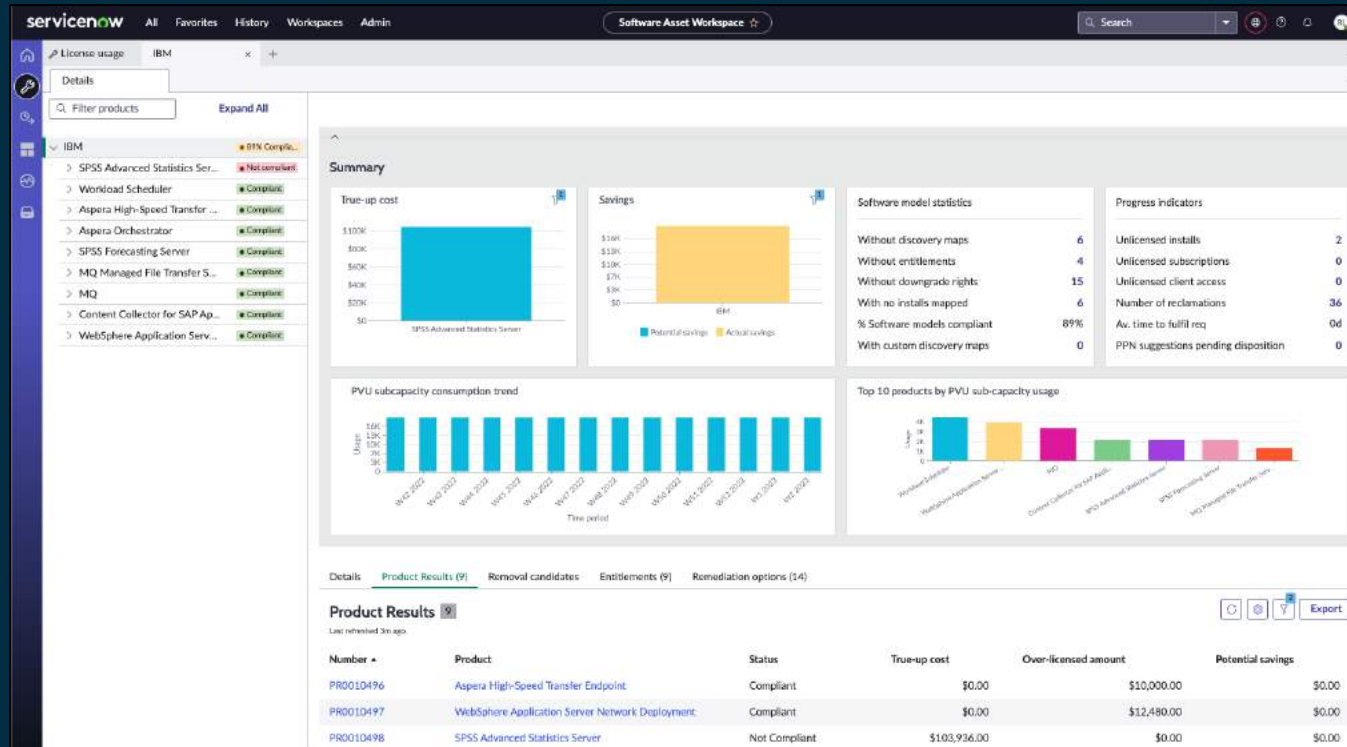
1. IASP agreement with IBM
2. ITOM Discovery Store app
3. SAM Pro / Enterprise (Utah or later)
4. IASP Services Agreement
5. IASP Partner Store App

IASP apps currently available on the ServiceNow Store:



# IBM ASP Support v2 (IBM Virtualization)

\$ Professional & Enterprise



## Manage Sub-capacity licensing with IBM Authorized SAM Providers (IASP).

- 1 Partner with an IASP to manage IBM sub-capacity licensing without use of ILMT.
- 2 Vastly improved experience with in-platform Discovery and SAM capabilities.
- 3 Virtualization technologies supported: VMware, IBM LPAR

**New:** Expanded coverage for IBM LPAR virtualization technology

# Adobe Cloud Optimization

**Removal Candidate - RCC0000009**

Description: This user has 3 or more individual subscriptions to Adobe products. Software Asset Management recommends subscribing to Adobe Systems Creative Cloud CC All Apps Pro and reclaiming the individual product subscriptions.

Applies to: Subscription Software

User: jennifer ward

User principal name: jennifer.ward@servicenow.com

Reclamation rule: Creative Cloud

Potential savings: \$5.00

Subscription type: [Empty]

Notify user: [Empty]

Optimized subscription: Adobe Systems Creative Cloud CC All /

Buttons: Update, Close Skipped, Reclaim, Delete

Software to be uninstalled (1) | Subscription to assign (3) | Subscription to reclaim (3)

Reclamation candidate	Software model	Subscription cost	Subscription profile	Domain	User subscription
RCC0000009	Adobe Systems Creative Cloud Single App Pro	£8.2851	AdobeTestProfile	global	jennifer.ward@servicenow.com
RCC0000009	Adobe Systems Creative Cloud Single App Pro	£8.2851	AdobeTestProfile	global	jennifer.ward@servicenow.com
RCC0000009	Adobe Systems Creative Cloud Single App Pro	£8.2851	AdobeTestProfile	global	jennifer.ward@servicenow.com

Professional & Enterprise

## Optimize Adobe subscription costs

- 1 Realize cost savings by optimizing Adobe users with new and updated reclamation rules based on usage.
- 2 Deeper insights with optimization reports within the SAM Workspace.
- 3 SAM will support usage information from: SCCM, JAMF, ITOM ACC-V.

### Reclamations are generated for the following use cases:

1. User with Adobe CC All Apps, actively uses less than three products
2. User with Adobe CC All Apps, not using any product
3. User with Adobe CC Single Apps subscription, not actively using the product
4. User subscription in Adobe portal has no equivalent user defined in ServiceNow



# Advanced Reclamation Management

**Reclamation Rule**  
Adobe Systems InDesign

Name: Adobe Systems InDesign

Applies to: Installed Software

Reclamation type: Total Usage Time

Software install condition: Add Filter Condition Add "OR" Clause

Usage Metering Data: Subscribed Products Threshold

Aggregate usage by: Last Three Months

Total hours used: 8

Software Product (1)	Product Process (0)
Software product - Search	
Reclamation rule - Adobe Systems InDesign	
Software product	Parent
InDesign	(empty)
	Filter condition
	(empty)

**Software Product**  
InDesign

Software product: InDesign

Parent: Adobe Systems InDesign

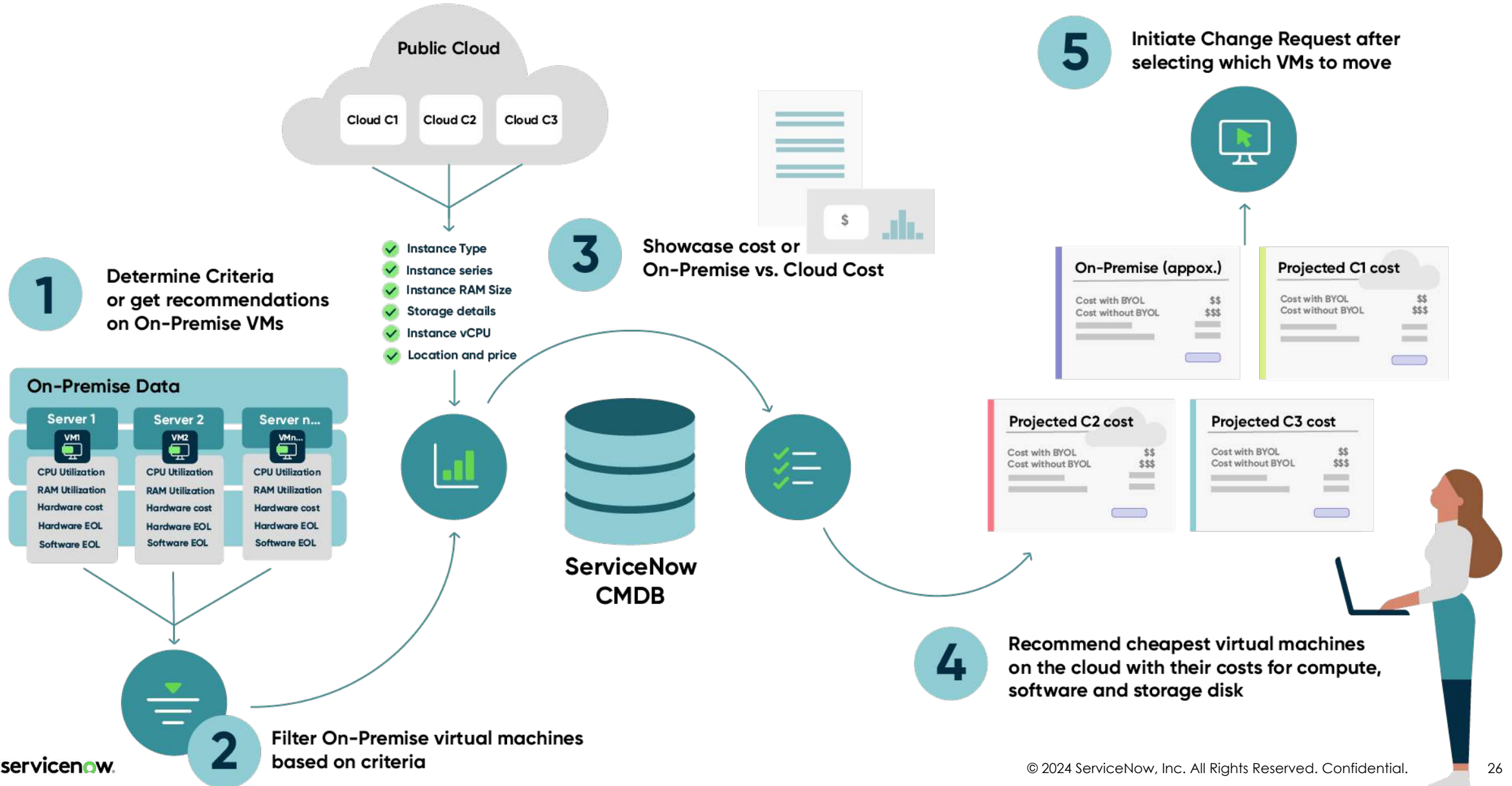
Filter condition: Add Filter Condition Add "OR" Clause

\$ Professional & Enterprise

**Collection of different reclamation capabilities designed to address various reclamation options and use cases.**

- 1 Provides SAM managers more control and options for reclamation strategy.
- 2 Leverage assignment groups and build reclamation rules based on various product edition and version factors.
- 3 New capabilities included as part of the Advanced Reclamation Management feature.

# How the Cloud Spend Simulator works







# Normalization, Entitlements, Reconciliation, End user optimization, Cloud Spend Simulator

60 minutes



# What we learned



## How to increase data quality and lessen manual work

- SAM standardizes and enriches discovery data to support many use cases including **end of life** risk and **app rationalization**.
- SAM normalization eliminates manual data clean up for **compliance** positions

## How to identify savings opportunities

- SAM identifies **unused software** and calculates potential savings to help asset managers decide when to reclaim a license.
- The SAM reclamation workflow **automates** this process and provides an audit trail.

## How to understand your software estate

- SAM **reconciliation engine** automatically calculates complex licensing to identify overspending or audit risk
- The **SAM Workspace** provides multiple views into your estate, surfacing important details.

# SAM Roadmap

# Workshop Agenda:

## Software Asset Management (SAM) & Cloud Cost Management (CCM)

Friday March 22nd

Section	Topic	Start	End	Duration
	<b>Welcome Breakfast &amp; Networking</b>	9:00 AM	10:00 AM	60
	Kickoff, Asset Background, Agenda, & Expectations	10:00 AM	10:15 AM	15
SAM	Overview & What's New in SAM	10:15 AM	10:35 AM	20
SAM	<b>Hands-On Labs + 10m Break:</b> Normalization, Entitlements, License Reconciliation, End-user License Optimization, Cloud Cost Simulator	10:35 AM	11:45 AM	70
SAM	Review & Product Mgmt Roadmap	11:45 AM	12:10 PM	25
CCM	Overview & What's New in CCM	12:10 PM	12:30 PM	20
	<b>Lunch</b>	12:30 PM	1:00 PM	30
CCM	<b>Hands-On Labs:</b> Analyze Cloud Spend, Cost Optimization, Team Collaboration, CCM & the CMDB	1:00 PM	1:40 PM	40
CCM	Review & Product Mgmt Roadmap	1:40 PM	2:00 PM	20





# Cloud Cost Management

Reduce cloud costs and automate tasks on a single platform

# Cloud spend is on the rise



**Table 1. Worldwide Public Cloud Services End-User Spending Forecast (Millions of U.S. Dollars)**

	2021	2022	2023
Cloud Business Process Services (BPaaS)	54,952	60,127	65,145
Cloud Application Infrastructure Services (PaaS)	89,910	110,677	136,408
Cloud Application Services (SaaS)	146,326	167,107	195,208
Cloud Management and Security Services	28,489	34,143	41,675
Cloud System Infrastructure Services (IaaS)	90,894	115,740	150,254
Desktop-as-a-Service (DaaS)	2,059	2,539	3,104
<b>Total Market</b>	<b>412,632</b>	<b>490,333</b>	<b>591,794</b>

**40% over budget** on cloud spend when no controls in place – WSJ.com

**33.0% of total cloud spend is on SaaS**

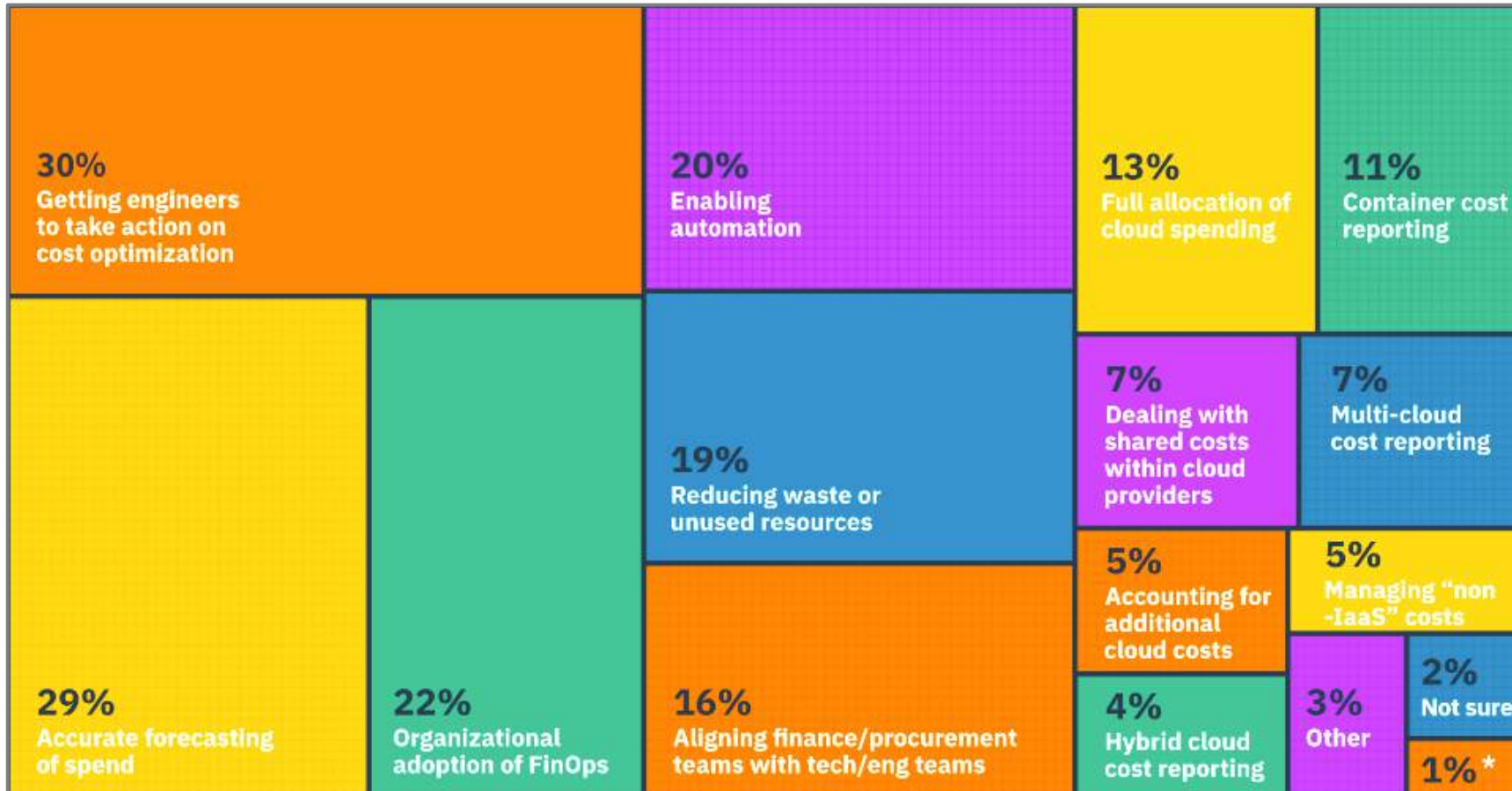
**25.4% on IaaS**



*"Toxic Consumption: Unnecessary use that results from PaaS and IaaS overprovisioning and idle instances, with "meters" continuing to run, thereby incurring unnecessary costs." - Gartner*

# No surprise, the key to cost savings is taking action

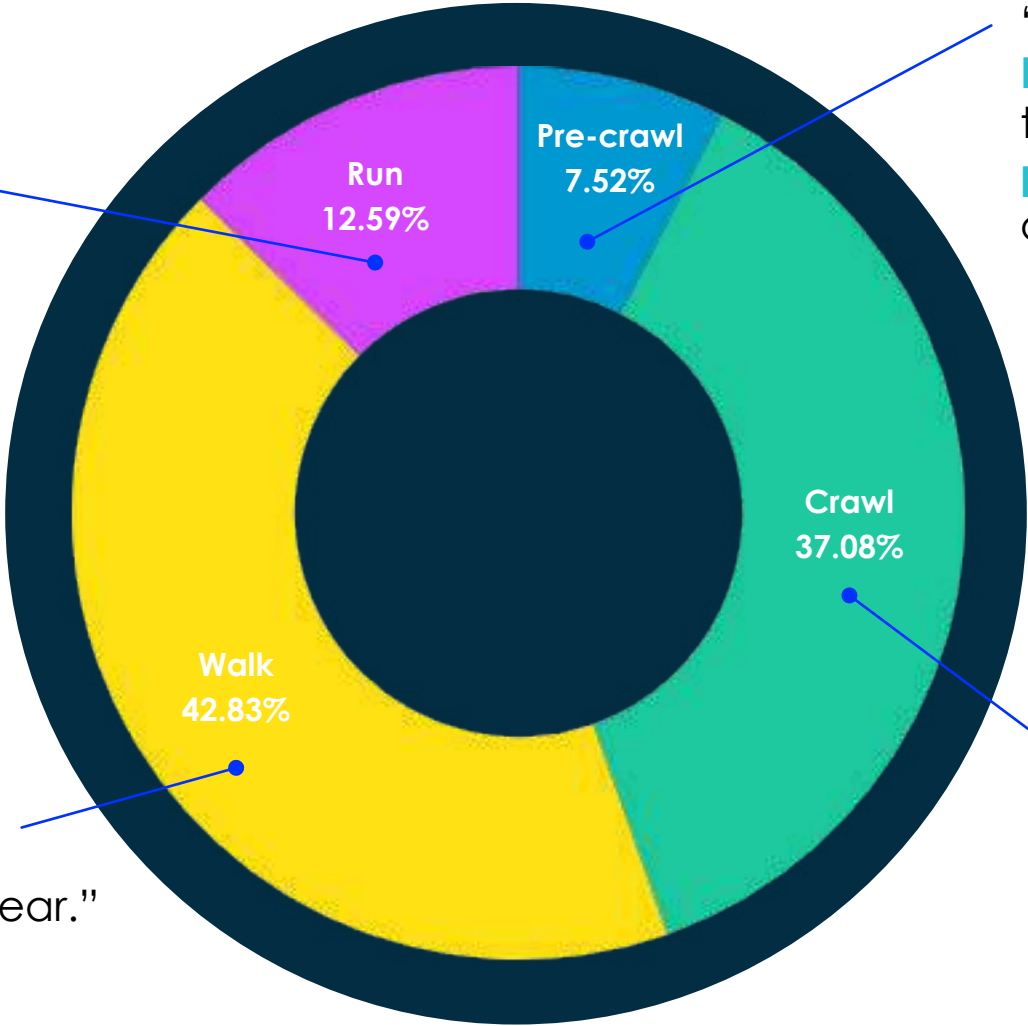
Top challenges for FinOps teams include:



(Source: <https://data.finops.org>)

# What stage are people in with FinOps?

“The **Run** segmentation dominates the ‘**All-in on cloud**’ segment.”



“We see the emergence of the **Pre-crawl** segment across role types, indicating **new practitioners** springing up from all over the enterprise.”

“Of these segments, the **Walkers** show the **most improvement** year-over-year.”

“**Crawl-stage** respondents are in a learning state and rely on **organic adoption**.”



# Cloud cost management challenges

## Analyzing complex cloud bills



- Consistent multi-cloud approach
- Identify trends and anomalies

## Connecting spend to business value



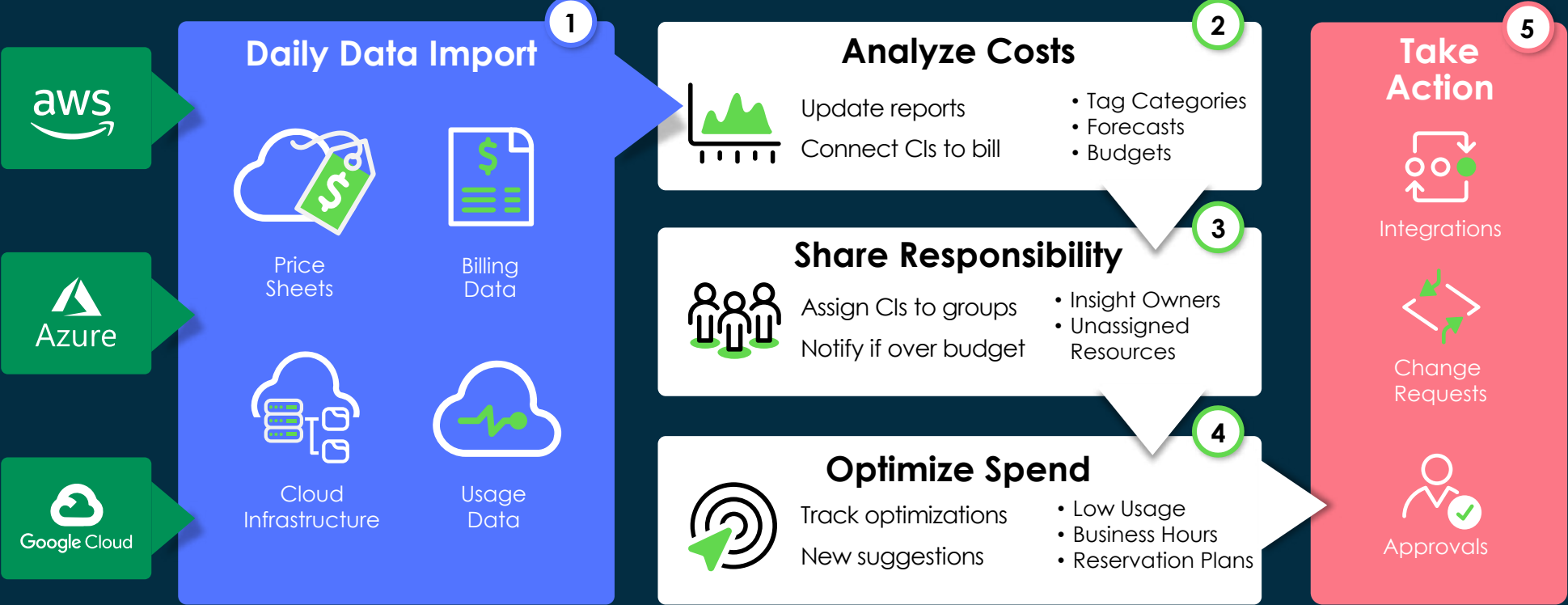
- How are resources used?
- What services do they support?

## Coordinating savings across teams



- Shared responsibility model
- Automate optimizations

# How ServiceNow Cloud Cost Management works



**Inform** - Analyze costs with both tags and CMDB relationships



**Operate** - Automate processes with change control and alerts

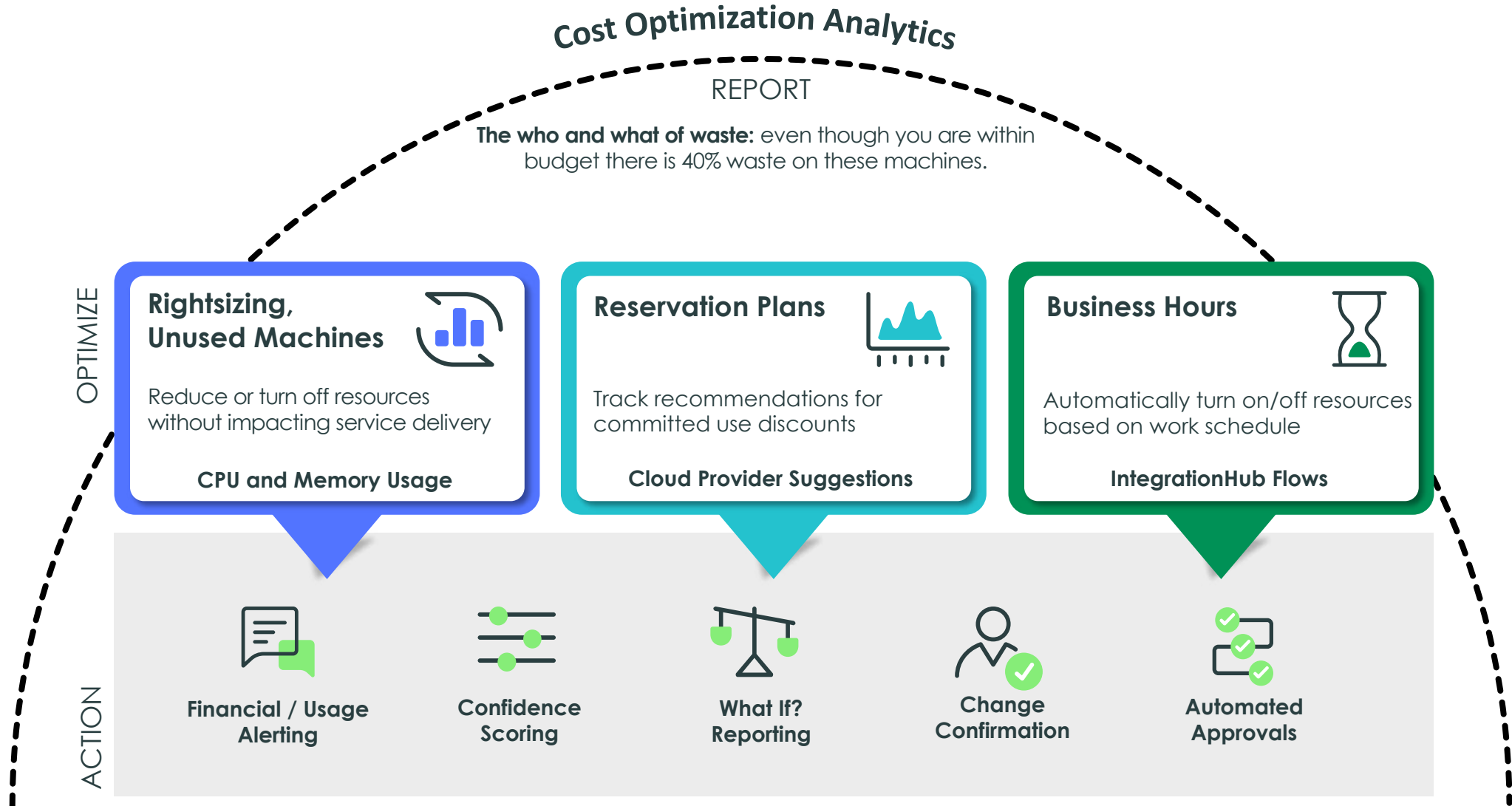


**Optimize** - Empower teams to save money and track progress

Aligns to the FinOps Framework  
<https://www.finops.org/framework>

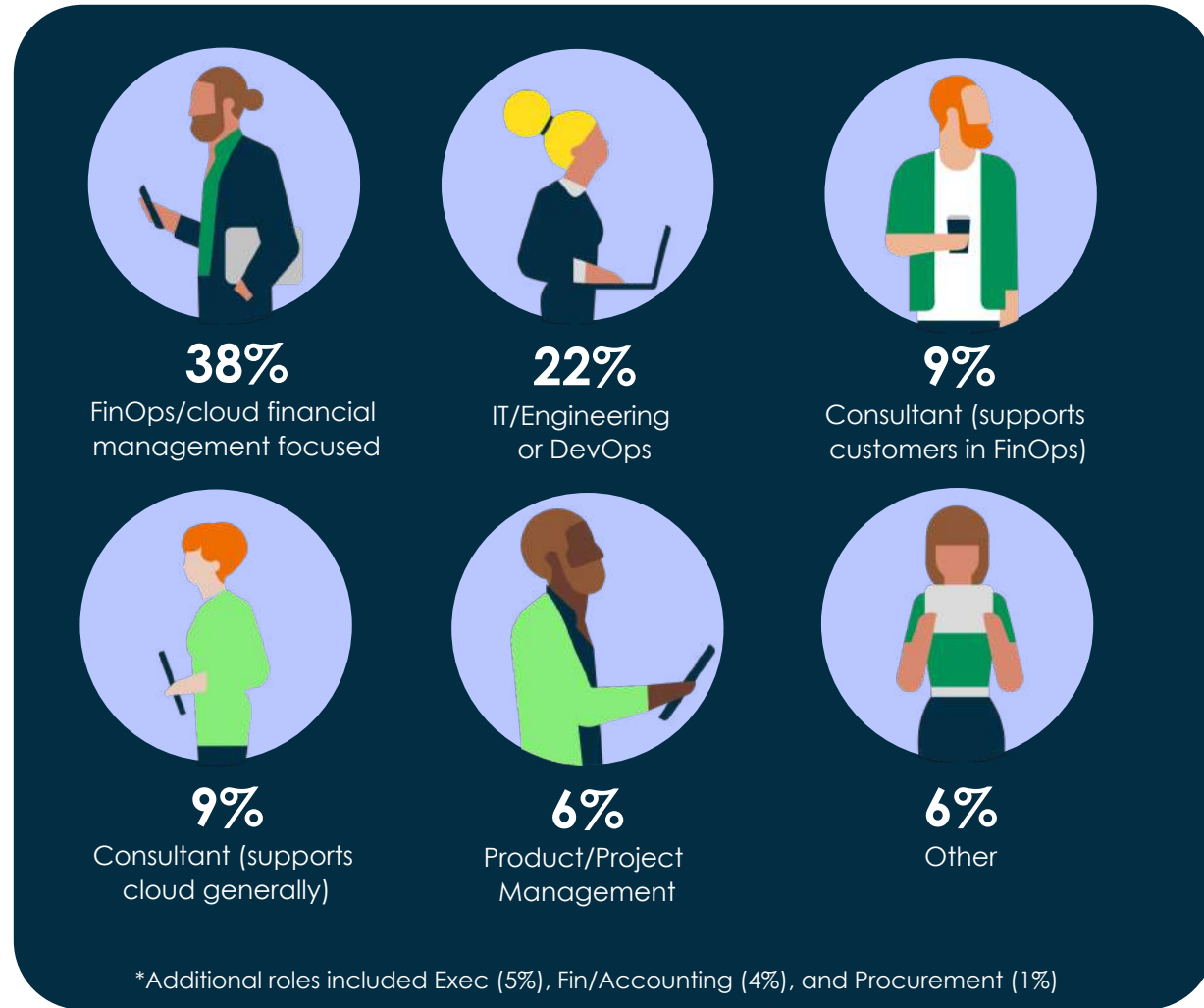


# Types of optimizations

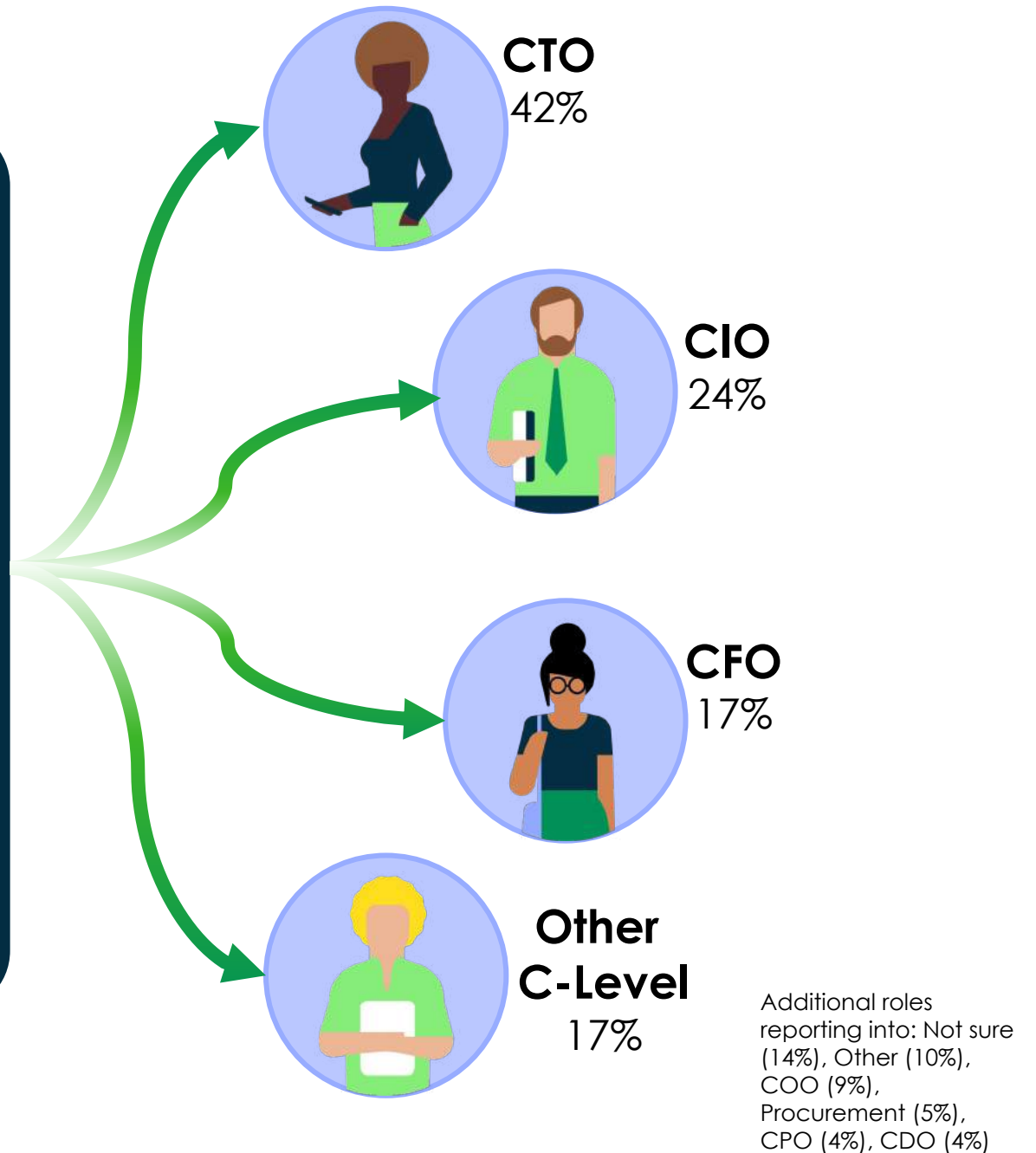


**Better Together:** Fully integrated with ITSM change controls with out of the box workflows.

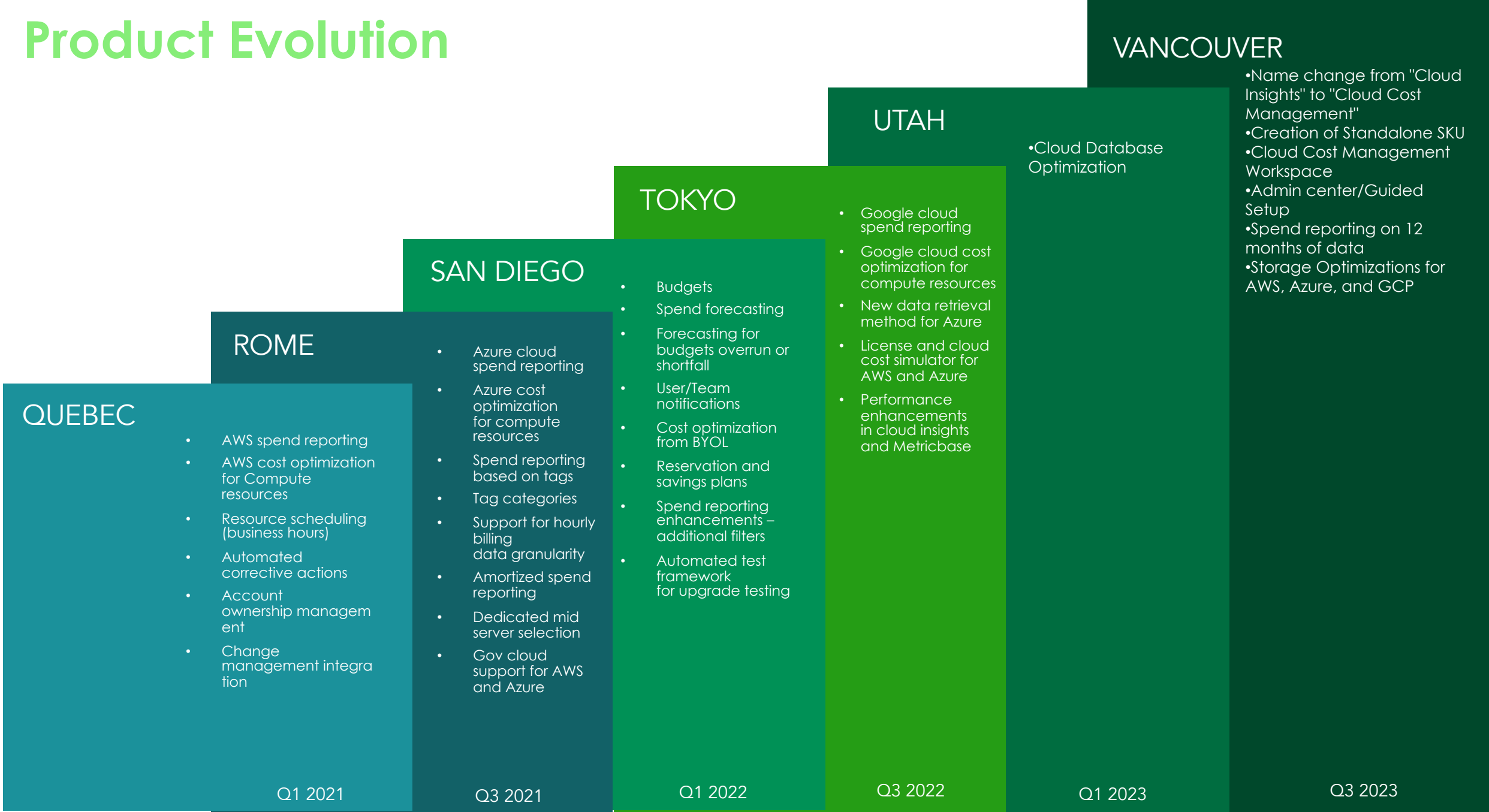
# Top players in FinOps



(Source: <https://data.finops.org>)



# Product Evolution



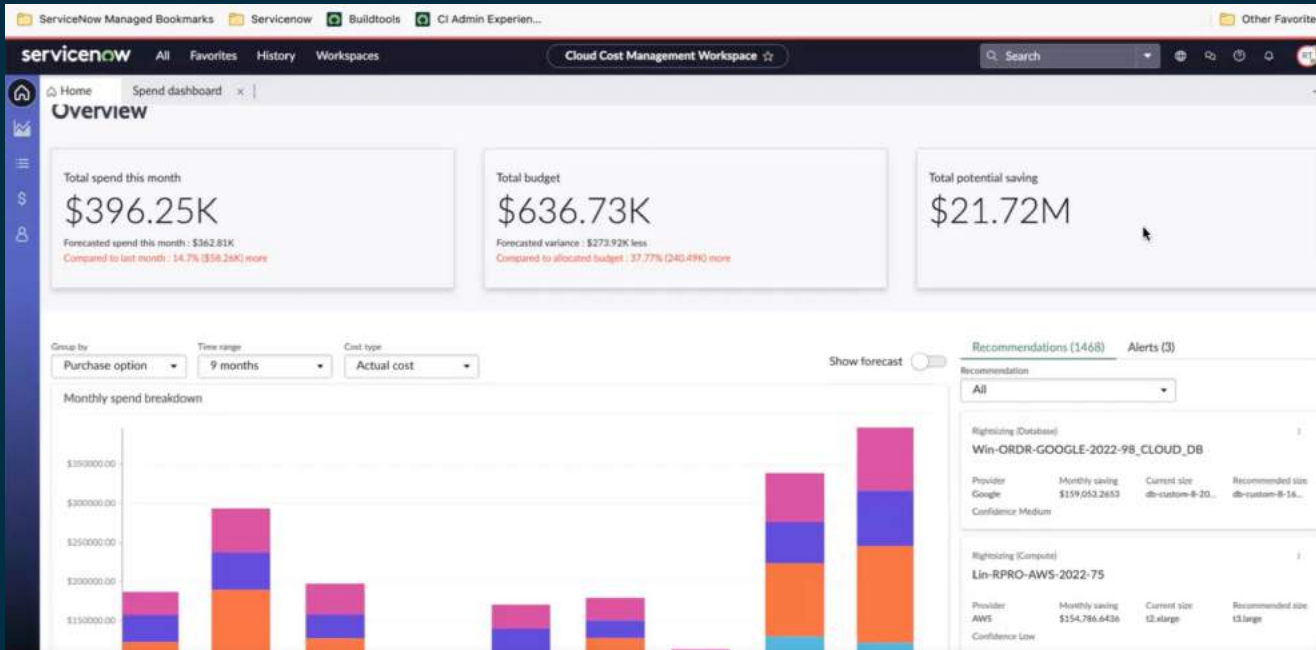
# Cloud Cost Management Workspace

Next Experience

Cloud Cost Management or Software Asset  
Management Enterprise

## Streamline Cloud Cost Analysis and Resource Optimization

- 1 Streamline cost analysis and identify cost-saving opportunities for improved cost efficiency and savings.
- 2 Optimize resource utilization based on data-driven insights, leading to improved efficiency and resource management.
- 3 Make informed decisions and drive cost optimization initiatives aligned with business goals and objectives.

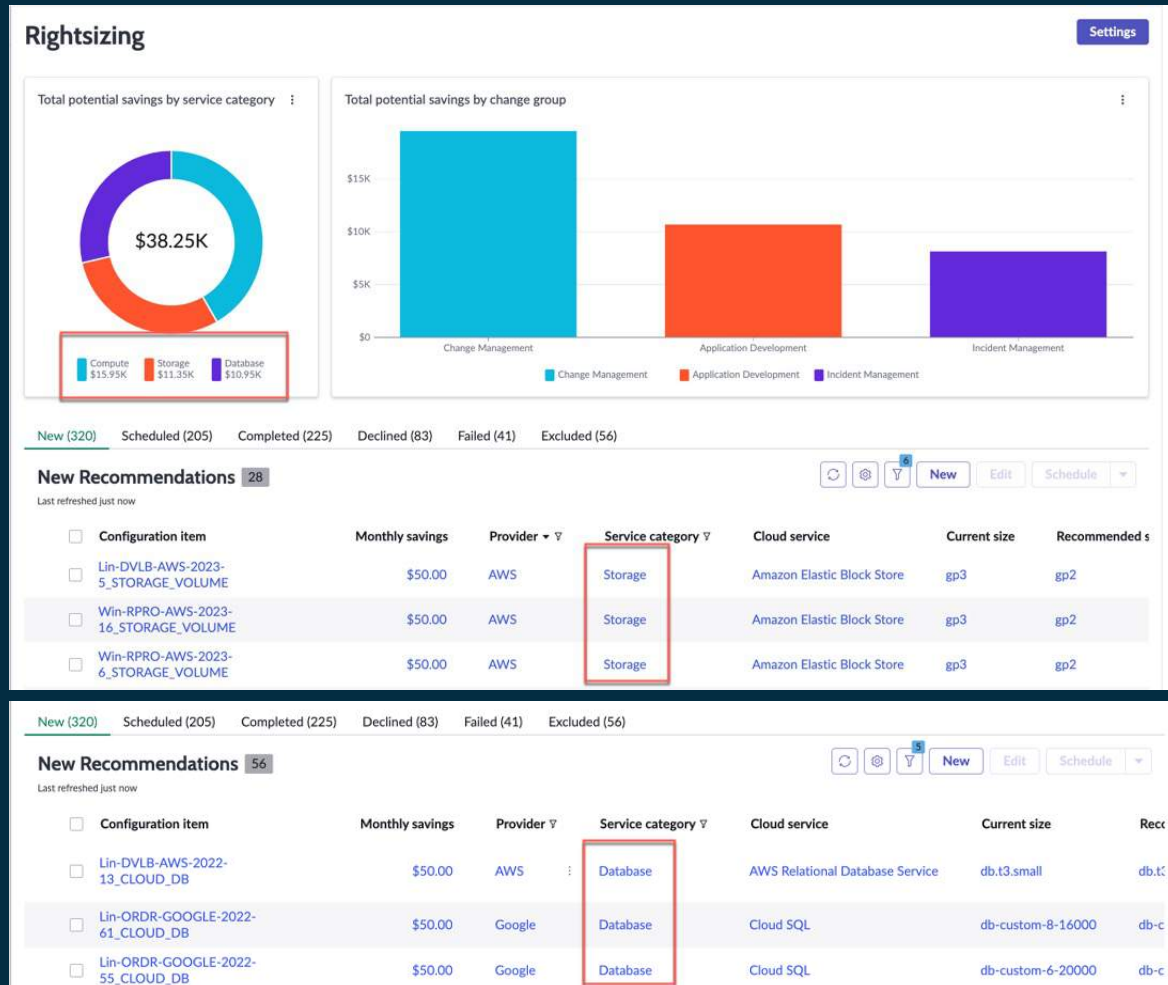


Redesigned workspace for Cloud Cost Management that empowers users to analyze cloud costs, optimize resource utilization, and make data-driven decisions.



# Cloud Storage & Database Optimization

(Cloud Cost Management)



Cloud Cost Management or Software Asset Management Enterprise

**Expanded coverage for improved cost management and optimization.**

- 1 Reduce cloud storage and database expenses through optimization.
- 2 Integrate with existing support for compute and database optimization.
- 3 Full cost-saving coverage across the most common cloud services of AWS, Azure, and Google Cloud.

# Guided Experience

(Cloud Cost Management)

Cloud Cost Management or Software Asset Management Enterprise

The screenshot displays the ServiceNow Cloud Cost Management Workspace interface. At the top, there's a navigation bar with 'servicenow', 'All', 'Favorites', 'History', and 'Workspaces'. The current workspace is 'Cloud Cost Management Workspace'. Below the navigation, a header message reads: 'Find everything you need to do in one place. Install and set up the application; configure it as per your operational needs, and get started! Use this hub for a guided experience to navigate through your adoption journey.'

The main content area is titled '3 major steps to setup' and contains three cards:

- Step 1: Activate plug-ins**: 'Install all required plugins and dependencies.' with an 'Install plug-ins' button.
- Step 2: Configure integrations**: 'Create integrations with your cloud providers and get started with data ingestion. Take advantage of the guided experience while creating the integration with the supported cloud providers.' with a 'Start guided setup' button.
- Step 3: Preference settings**: 'Review or edit the default settings according to your needs for various features in the application.' with a 'Configure settings' button.

Below the steps is a section titled 'Activate plug-ins' with two items:

- Cloud cost management plug-in**: 'Run a complete Cloud Cost Management installation for activating all plugins that are part of the application.' with an 'Update' button.
- MetricBase plug-in**: 'MetricBase is the time-series database in Now Platform that Cloud Cost Management leverages to store billing and usage data. Install this plugin before you begin using Cloud Cost Management.' with an 'Install' button.

On the right side, there's a 'Product tour' section with a video player titled 'Cloud Cost Management | ...' and a 'Helpful resources' section with links to documentation, training, and community support. Below that is a 'Related products/features to suggest' section with links to various features like 'Bring your own license to cloud', 'Site performance', 'Cloud readiness assessment', 'Cloud migration workspace', 'Asset management executive dashboard', and 'Cloud Migration Assessment app'.

Central workspace location for guided setups, tasks, resources, and experiences.

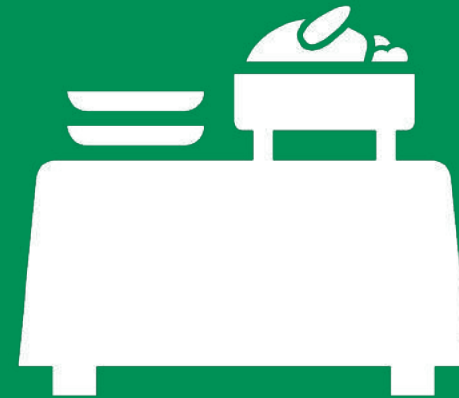
- 1 Get your Cloud Cost Management up and running faster with reduced setup time.
- 2 Find handy learning resources and best practices right in your cloud cost management workspace.
- 3 Get helpful recommendations and keep track of tasks as you complete them.





# Lunch

30min





# Analyze Spend Cost Optimization Budgets & Insights Owners

40 minutes



# What we learned



## How to save money by not running cloud resources 24x7

- Cloud Insights lets you define policies that determine when resources need to be turned off

## How to reduce costs by rightsizing your cloud Infrastructure

- Cloud Insights analyzes resource usage to see if there is excess resource capacity
- Recommendations are provided using your billing and usage data

## How the ServiceNow platform allows you to do more

- Change requests are automatically sent based on jobs to turn on or off machines, eliminating unsustainable manual effort
- Change request are auto generated for machines to be rightsized making the task defined and easy

# CCM Roadmap

# Call to action

- 1 Try out these capabilities in sub-production
- 2 Showcase the value to stakeholders and get folks excited
- 3 Connect with your new friends outside of this workshop
- 4 Ask ServiceNow experts for help
- 5 Take the post workshop survey