

A series of horizontal bars of varying lengths and colors (teal, blue, and dark blue) are positioned on the left side of the slide, creating a modern, abstract background element.

SAS Viya Strategy

Craig Rubendall

Vice President, Applied Architecture and Technology



SAS Analytics Vision

Analytics follow data – therefore analytics are everywhere.

Analytics is not just about algorithms; those are a commodity.

Democratization of analytics is key moving forward.

Analytics are a differentiator for businesses making decisions.



Market Drivers

Cloud Adoption



- Public cloud deployments of analytics growing 10X faster
- >60% of organizations have efforts to migrate analytic infrastructure to public cloud
- Continuously evolving, trusted advisors needed

Cloud Trends



- Containers are becoming mainstream
- ML and AI adoption in public cloud is gaining
- Hybrid cloud and multi-cloud is the reality, opening door for third party platforms such as Red Hat OpenShift and VMware Tanzu/PKS

Analytics Workloads



- Cloud is increasingly the target for new data; moving analytics to data is key to reduce expensive data movement
- Flexibility and pay-per-use of cloud is ideal target for today's analytic work
- Analytics + cloud boost digital business and customer agility

SAS Viya

Portfolio Strategy

1

Be Cloud Native

2

Build for customer experience

3

Offer commercial flexibility

4

Solve enterprise-class software problems

5

Leverage analytic strengths, competencies

SAS Platform & Cloud

Portfolio Themes

1

Cloud-Native – Loosely-coupled, independent, interchangeable, scalable. All with support for continuous delivery.

2

Open – Standards-based integration for authentication, other services. REST APIs for interoperability. New MVA for multi-cloud.

3

Automation – Deployments of the SAS Platform can fit into GitOps/DevOps processes. SAS compute uses AI/ML to optimize infrastructure resource usage.

SAS Viya

Customer Experience Gains

>

Continuous updates to software

>

No upgrades or hotfixes. You just get updates.

>

Customers get updates via new CX portal on sas.com.

>

New cloud-oriented commercial terms

>

Performance – compute scalability, improved UI response times, overall resiliency

CONTINUOUS DELIVERY CADENCE

	Stable releases	LTS releases
Frequency	Once a month	Every 6 months
Release includes	New features, changes to features, bug fixes, removal of features, etc.	Based on the stable release from two (2) months prior, which forms the basis of the LTS release candidate.
Target customers	<ul style="list-style-type: none">▪ Customers willing to always operate with the most up-to-date features and bug fixes.▪ Customers looking to take advantage of the full value that SAS products have to offer.▪ Software-as-a-service customers	<ul style="list-style-type: none">▪ Customers who are not yet comfortable with SAS's continuous delivery.▪ Customers only willing to upgrade to get new features less frequently, such as once a year.▪ Customers who need to validate their environment(s) or who operate in a regulated domain.
Support	Current stable release plus three (3) previous stable releases (or four months total)	Current LTS release plus three (3) previous LTS releases. Enables a Technical Support policy of “two years minus a day” which means customers must update at least once every two years.



What to expect after Viya 4

- No longer monolithic set of services as in SAS Viya
- Next-gen is composable
- Compute model is dynamic and driven by SAS machine learning/AI
- AI/ML in a new CAS-like broker dynamically provisions appropriate compute resources to support the analytic compute problem
- SAS analytic and data services as functions for use in serverless/FaaS
- Fully capable of being driven by headless APIs
- Targeting cloud marketplaces – not just for SAS Viya components but also for models.

SAS and Microsoft Strategic Partnership

SAS and Microsoft have formed an extensive technology and go-to-market strategic partnership:

- Microsoft Azure will become the preferred cloud provider for SAS Cloud (not exclusive)
- SAS and Microsoft will build integrations across Microsoft's entire cloud portfolio, including Azure, Dynamics 365, Microsoft 365, and Power Platform
- SAS solutions will appear in the Azure Marketplace





Why this Partnership?

- Cloud adoption accelerating
- Public cloud providers bring reach, scale, agility to SAS and our customers
- Enriching the cloud ecosystem with SAS technology
- Analytics and AI in the cloud can shape a new operating system for digital transformation



Why Microsoft?

Several important factors:

- Cultural alignment
- Congruence of vision
- Completeness of vision
- Complementary technology
- Commercial opportunity

Benefits to our Customers

SAS and Microsoft share a common goal to democratize analytics and AI with a shared vision and joint engineering effort to build the future.



- Easily run analytic workloads in the cloud to meet business goals faster and enable trusted decisions
- Best experience and value to customers as they transition to the cloud
- Unlock even more critical data insights on the path to digital transformation

A series of horizontal bars of varying lengths and colors (teal, blue, and dark blue) are arranged vertically on the left side of the slide, creating a decorative pattern.

Thank you!

sas.com

Company Confidential – For Internal Use Only
Copyright © SAS Institute Inc. All rights reserved.

