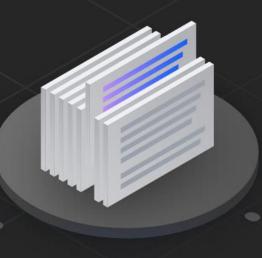
What's New in IBM Cloud Pak for Watson AlOps

MATT RODKEY

Offering Management









Your current IT tool landscape is likely complex

- Different tools for different resources & platforms
- Tools, Teams, Workflows in siloes
- Local insight or (pseudo) Al

Application & Network Performance Management



Operations Management



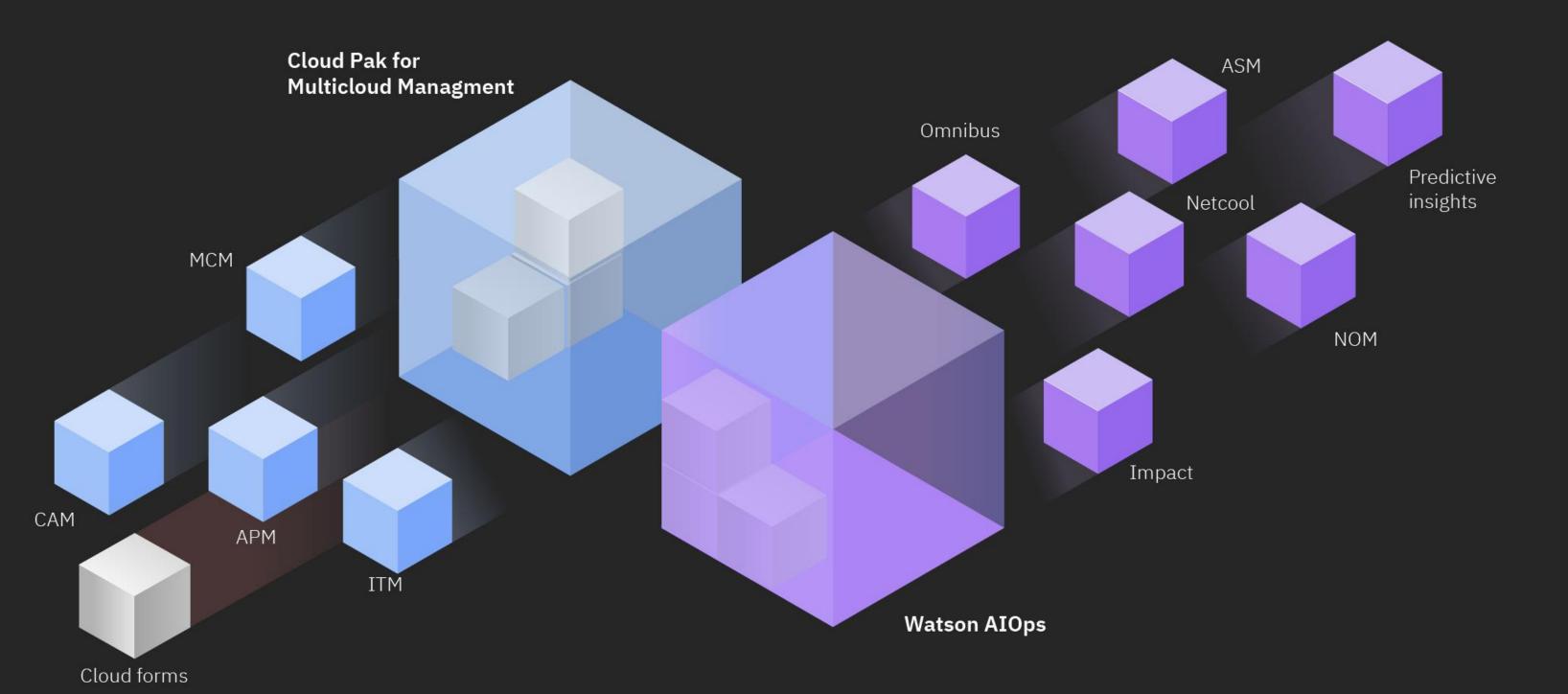
Service Management



IT Management market evolution

MARKET CONSOLIDATION, PRODUCT RATIONALIZATION

- Public clouds commoditizing infrastructure and reducing time to market
- Cloud native architectures introduced new standards and technologies
- Siloed IT monitoring to complete observability and evolution of AIOps
- Transformation of IT support process brining ticketing, change, event management together



Market Momentum and Validation

MARKET GROWTH AND ANALYSTS

ANALYST COMMENTARY AND EVIDENCE

"By 2024, 30% of business leaders will rely on AI Ops platforms for automated insights to drive business-related decisions, as compared to less than 3% today..."

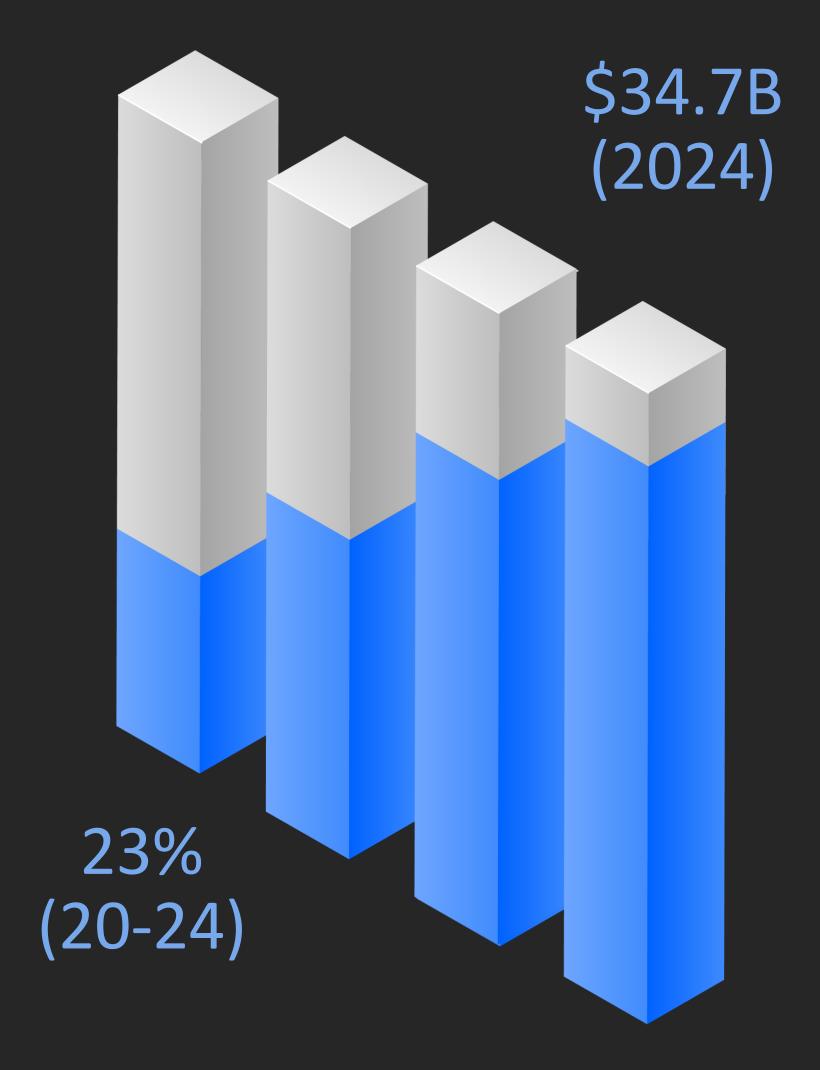
(Gartner)

"80% of IT Leadership compensation will be based on business outcomes, not IT performance (uptime)" *

"10x - The Number of business leaders relying on on AIOps platforms for automated insights by 2024."*

"By 2023, 40% of DevOps teams will augment application and infrastructure monitoring tools with artificial intelligence for IT operations (AIOps) platform capabilities." (Gartner)

MARKET SIZE AND GROWTH



AlOps is reimagining IT Operations

POWERED BY ALAND AUTOMATION



o o o Lack of observability due to siloed teams, tools, processes



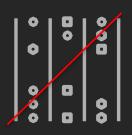
Full visualization and observability allow operators and developers to add context, isolate and resolve problems in real time



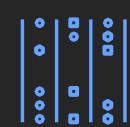
Data explosion: unable to manage using manual methods



Al for IT Insights identifies necessary information at the right time, supporting DevSecOps culture and automation to scale IT impact



Infrastructure approach to IT Ops



Application-centric approach supports focus on what matters most to IT and business performance

Automate IT operations to deliver actionable insights

DISCOVER

Ingest and analyze data from structured and unstructured sources including logs, metrics, events and chat with observability

DECIDE

Get recommended remediation actions; specialized Machine Learning (ML) Natural Language Processing surfaces alerts in ChatOps

ACT

Correlate, curate and highlight most relevant data across tools without manual investigation

DISCOVER

Automatically execute runbooks based on past incident action correlation

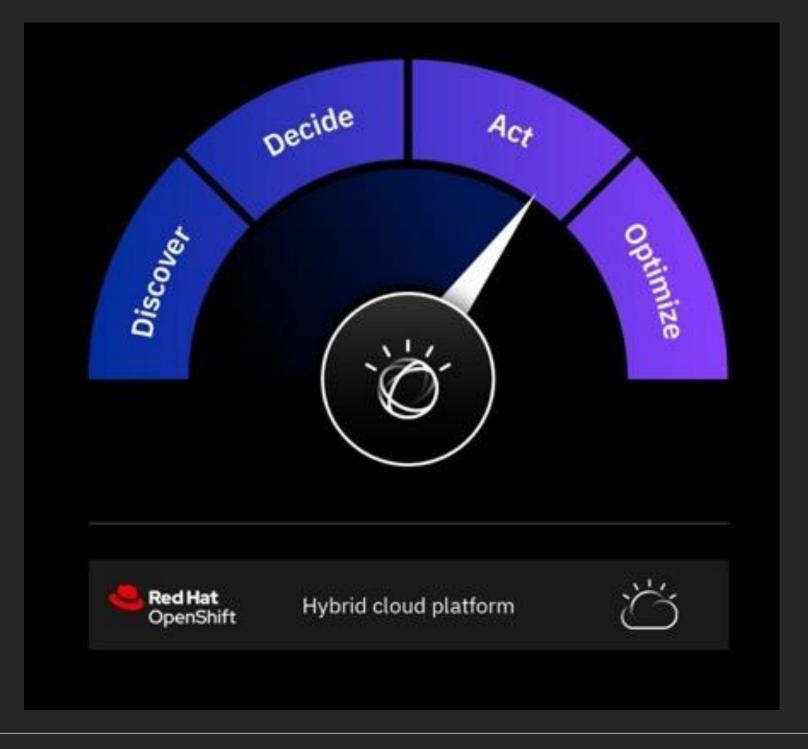
25%

more initiatives completed

50%

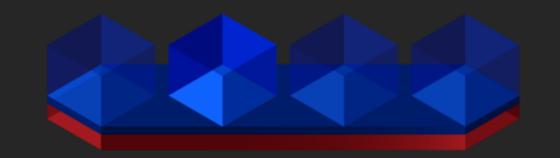
less labor cost

Automation framework



IBM Cloud Pak for Watson AlOps (incl. CP4MCM)

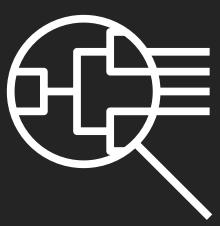


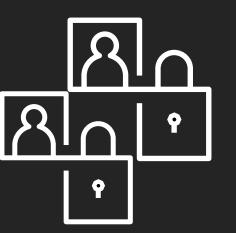


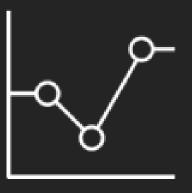
IBM's AlOps point of view











Application Impact Avoidance

Correlate across all relevant data sources. Detect hidden anomalies, anticipate issues and resolve faster. Proactively avoid risks and automate your workflow.

Hybrid Application Management

Obtain an integrated view of your hybrid applications and infrastructure and understand interdependencies

Observability

Understand the health and performance of your applications and collect IT, digital experience and other dimensions of data relevant for risk analysis and automation

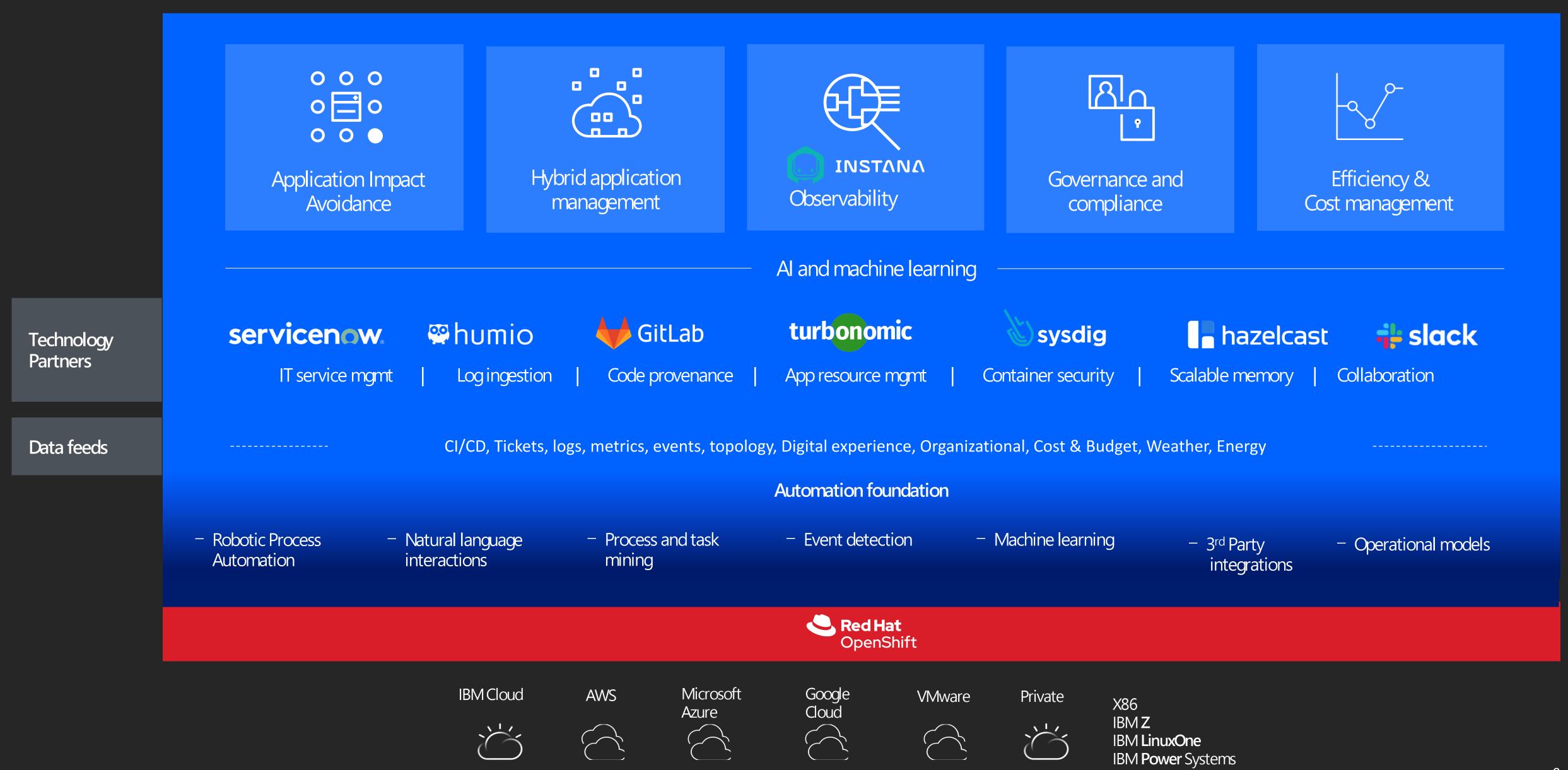
Governance and Completance & Cost Management

Detect policy violations and automate remediation actions with runbooks. Stay compliant.

Establish KPI baselines to understand efficiencies and define cost models to optimize your infra-structure and application deployments

Al and Automation

IBM Cloud Pak for Watson AlOps

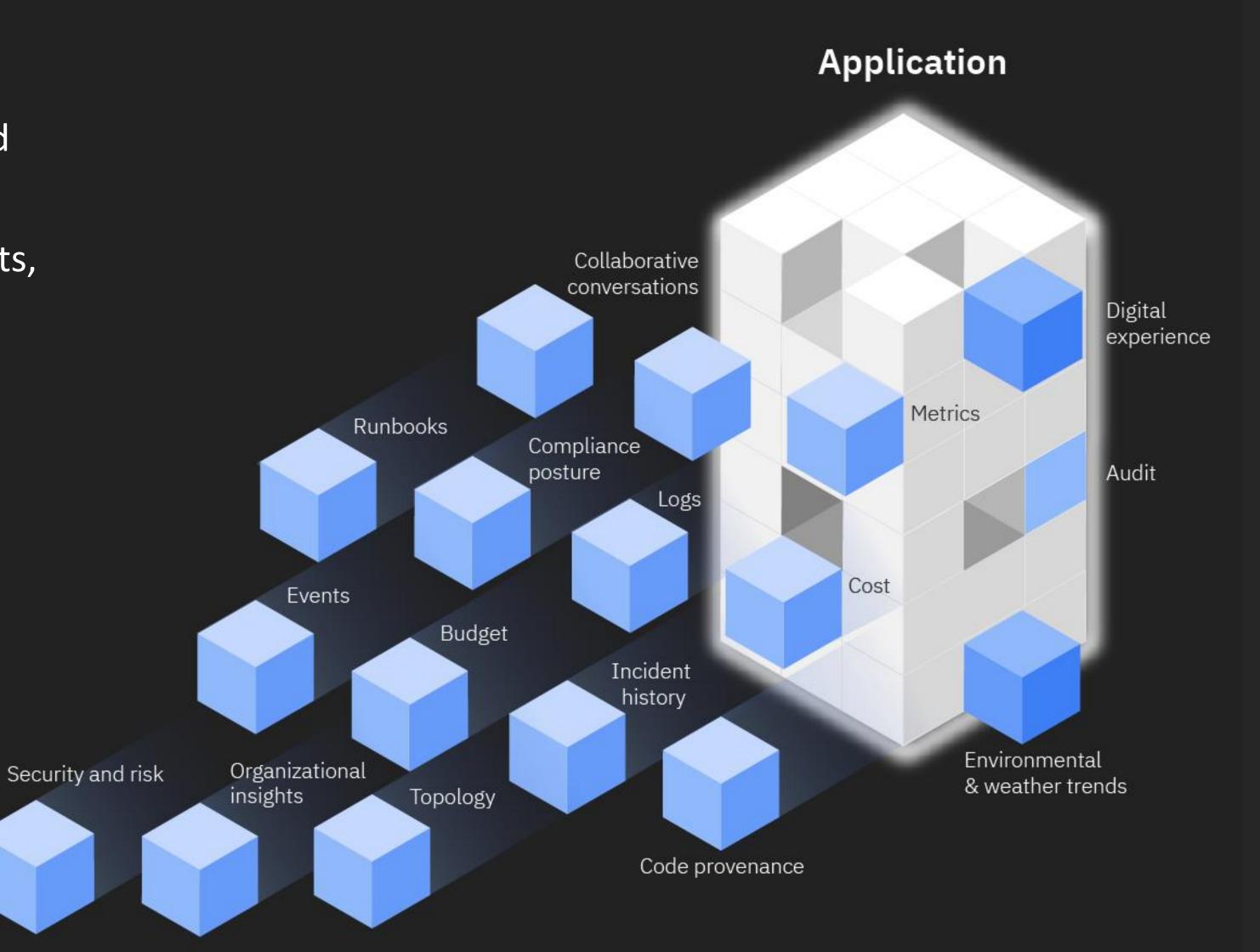


Dynamically Discover and Acclimate to your Applications

APPLICATION AWARENESS

Comprehensive understanding of business
Applications with insights and intelligence derived from operational data, logs and events.

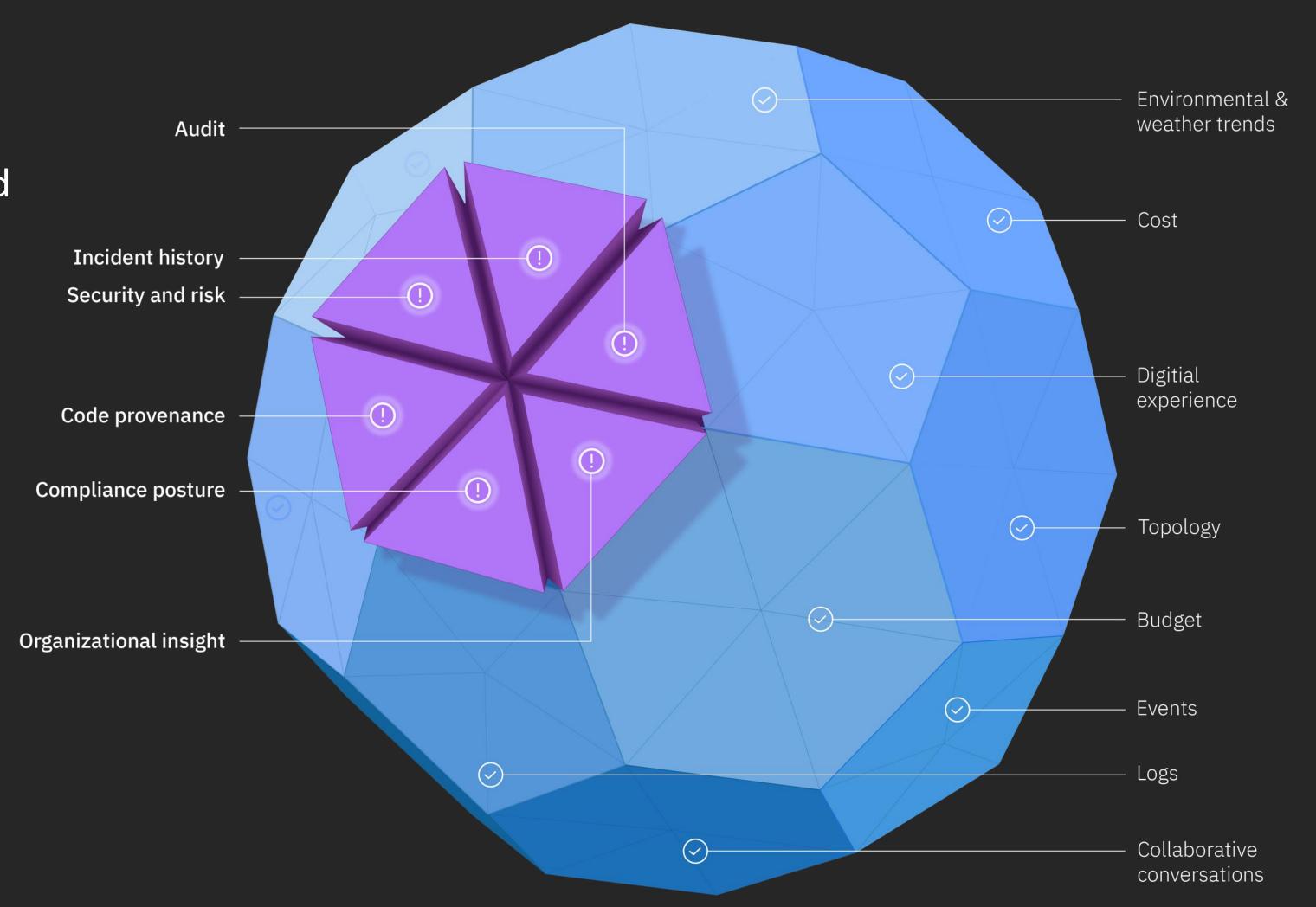
Go beyond to augment with organizational insights, digital experience, code provenance, budgets, environmental and weather trends, etc.



Anticipate Issues

PREVENTIVE INTELLIGENCE

Proactive problem avoidance through continuous policy enforcement, anomaly detection, etc. across DevSecOps for increased application availability and reduced risks leading to increased customer satisfaction

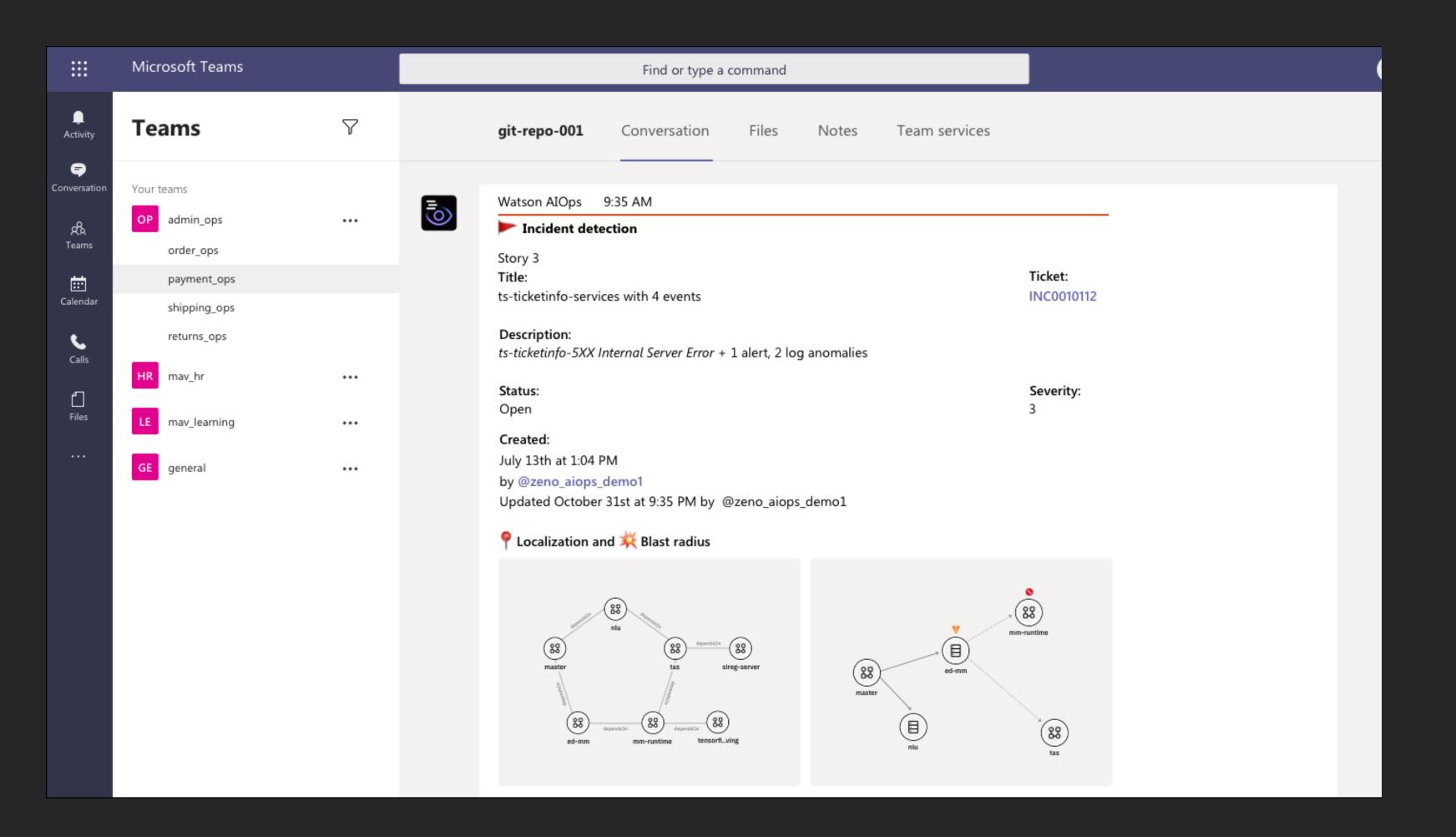


Automate Resolutions

TRUSTED ACTION

Trusted automation of tasks and remediations resulting in reduced resolution time

Audit with complete insights and explainability enabling teams to focus on innovation



Competitive Differentiation: IBM's Al Driven Automation

1

Pre-built ML models for brand new insights

Detect anomalies much earlier and correlate data in real-time to focus attention on the right issues.

Apply Natural Language
Understanding to offer concise
insights and leverage precedents

2

Application centricity

Access and organize relevant information across silos and tools towards specific applications.

Provide an integrated perspective.

Retain context and consistency when switching between UI and ChatOps engagement models.

3

Closed-loop integration

Break Dev / Sec / Ops silos by extracting insights from CI/CD to enrich advice for Operations – and vice versa.

Infuse security and governance as code to prevent violations.

Automate mundane workflows to reduce toil and improve data quality.

What's new with CloudPak for Watson AlOps 3.1?

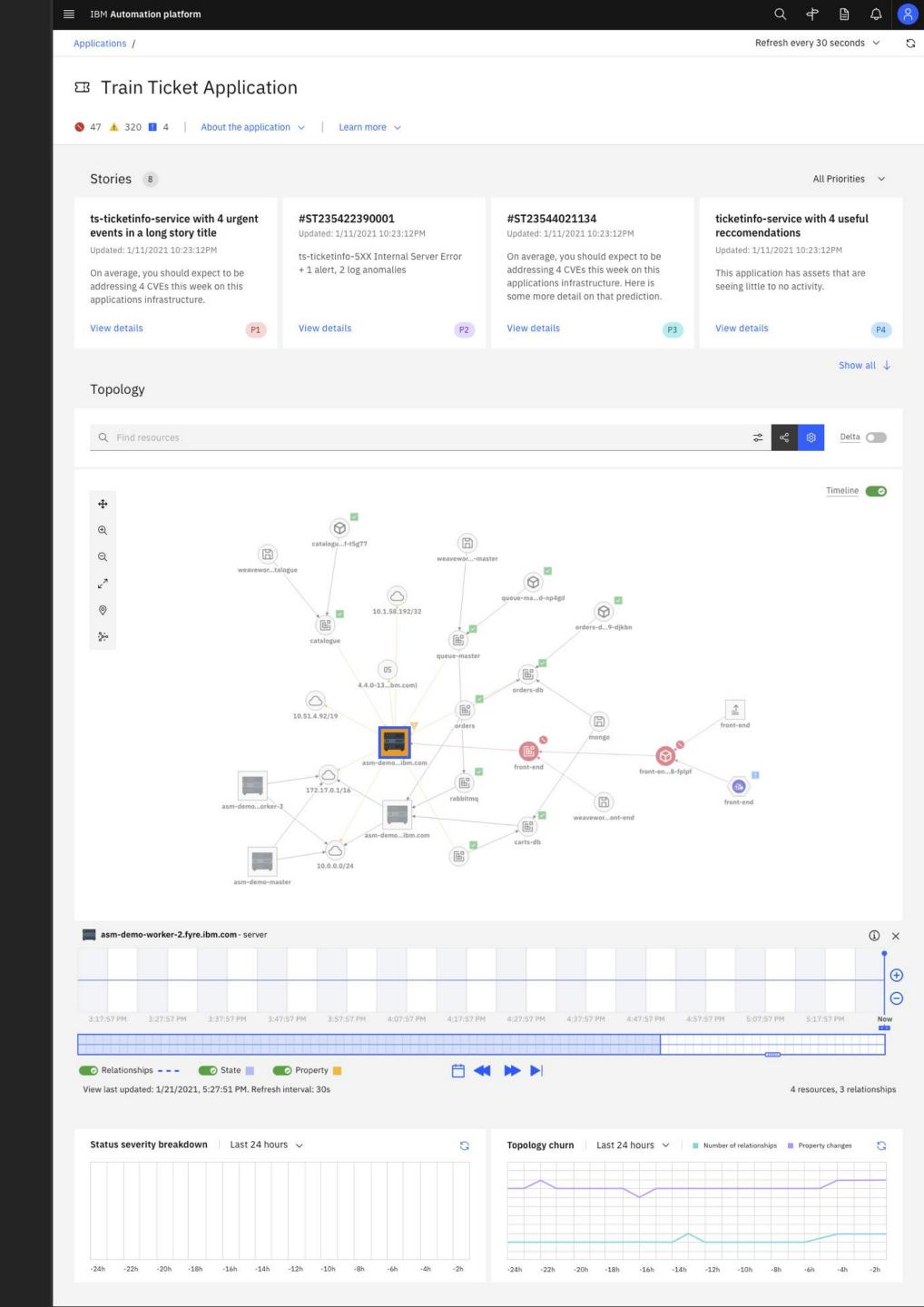
- 1. Application Hub
- 2. Al Hub for ML model management
- 3. MSFT Teams support as GA
- 4. Change Risk Advisor Episode 1
- 5. Built on top of CloudPak 2.0 and the IBM Automation Foundation

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Application Hub

- 1. Complements ChatOps experience
- 2. Issues as stories
- 3. Empowers application owner and ITOps engineer with application-centric view

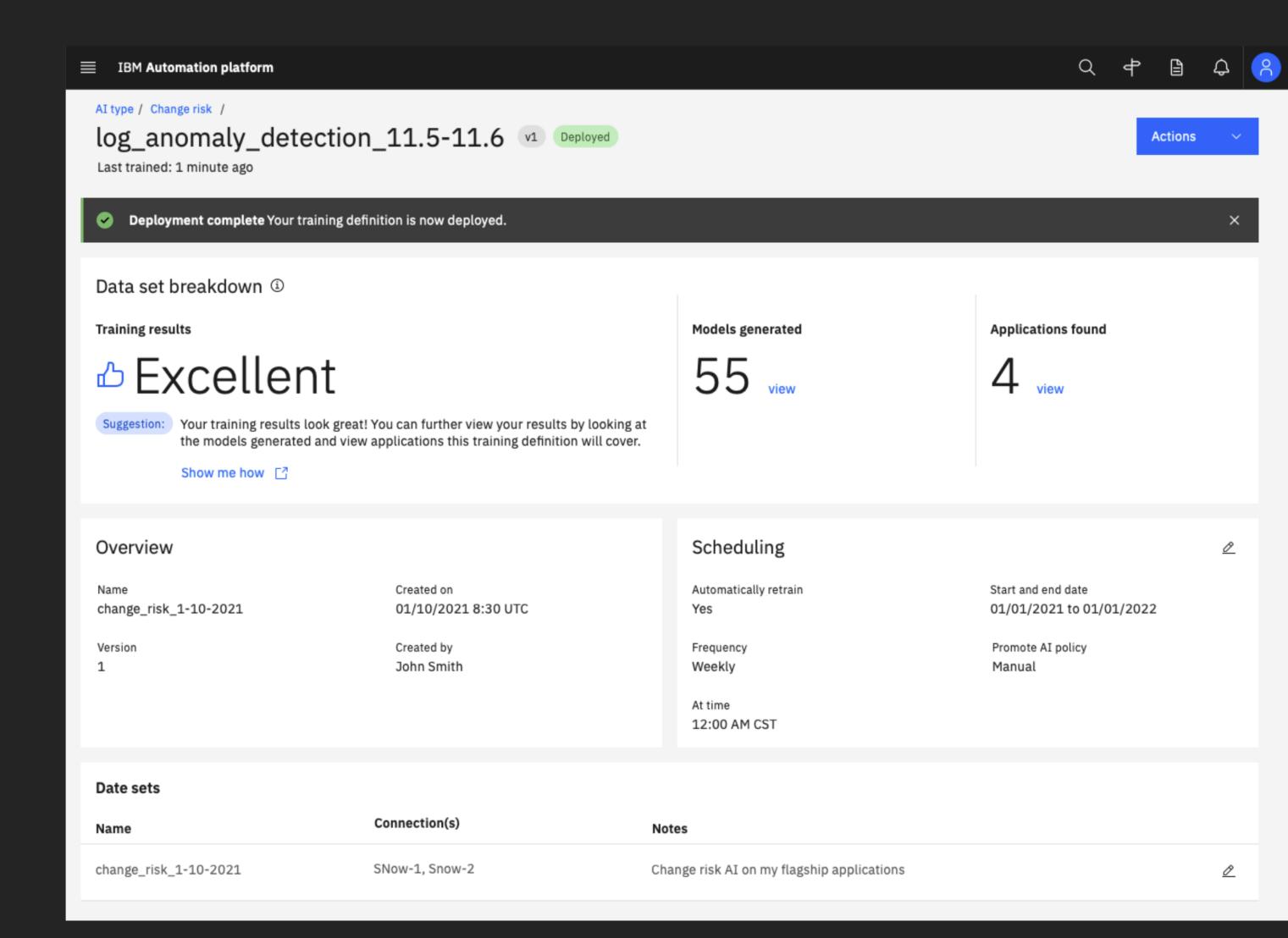
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Al Hub

- UI-based ML-model training & lifecycle management
- 2. Model Accuracy assessment
- 3. Quick time to value
- 4. End-user friendly

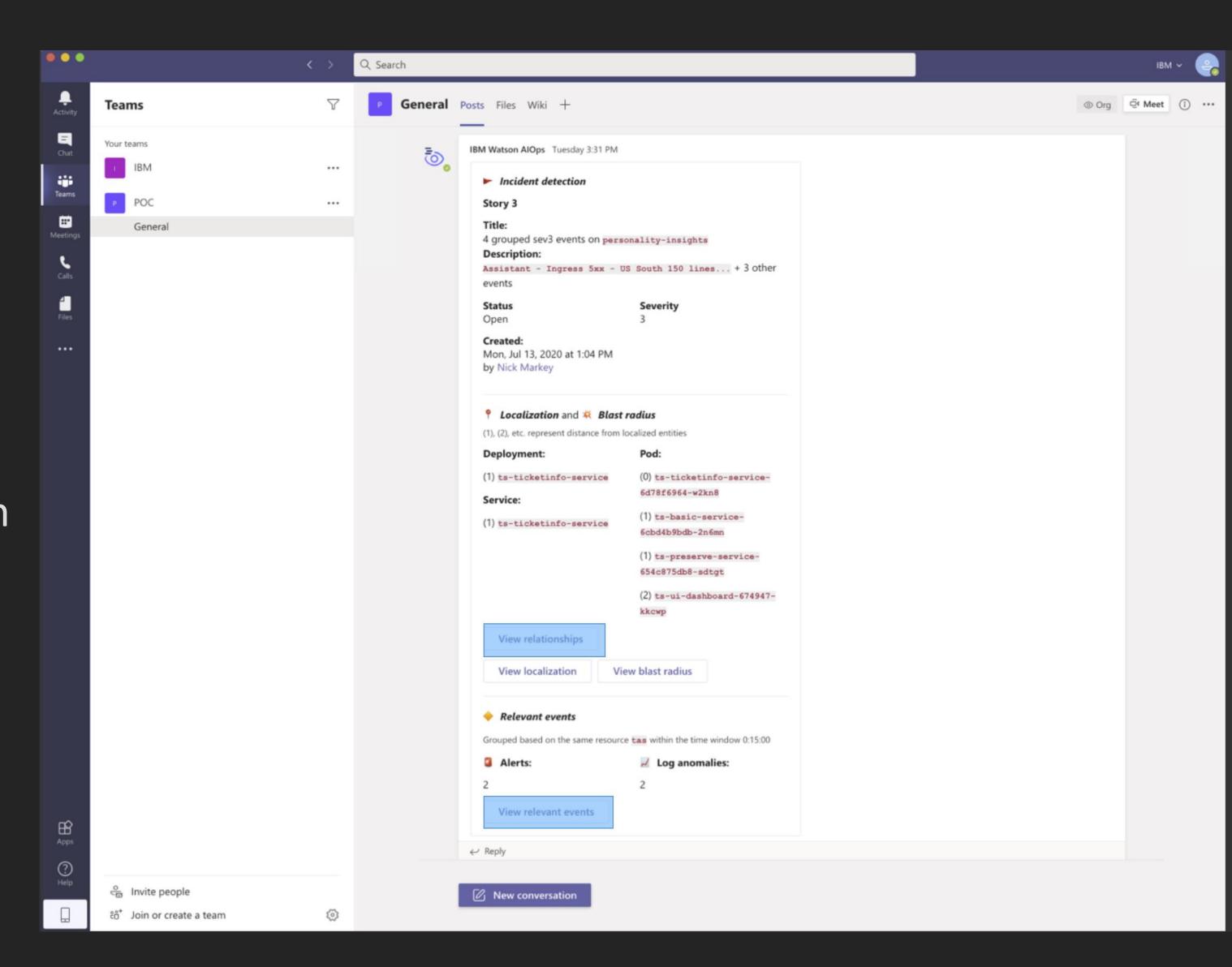
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Microsoft Teams ChatOps integration

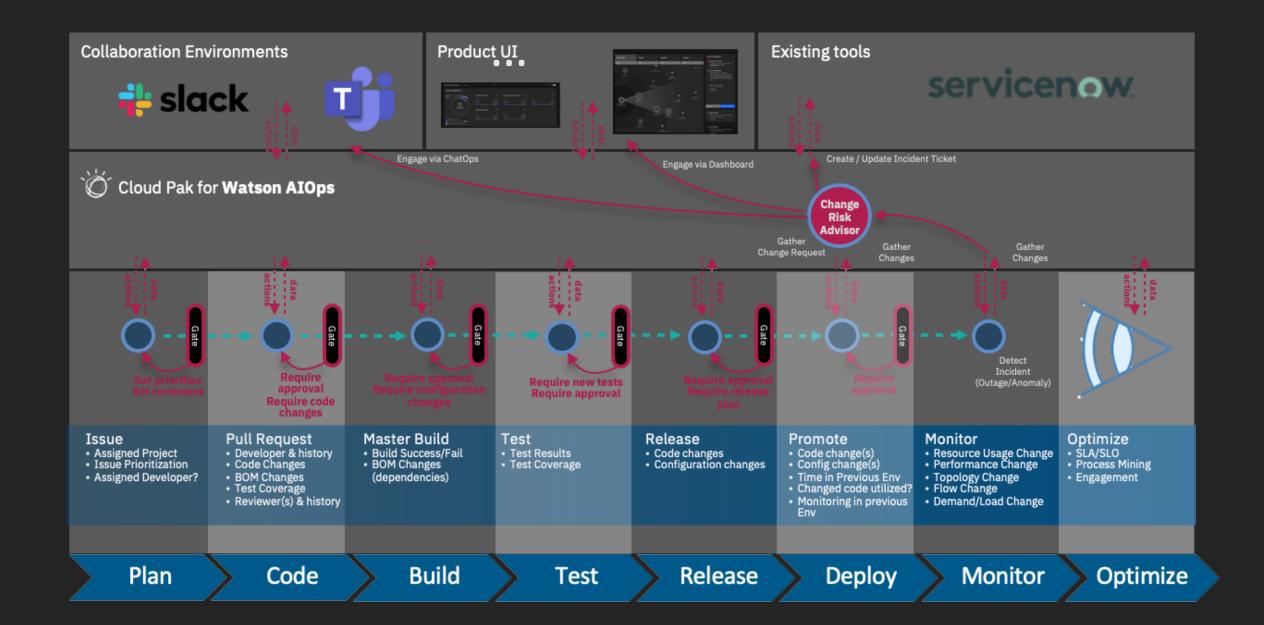
- Leverage your regular enterprise collaboration platform
- 2. GA-ready, aligned with Slack UX
- 3. MSFT Teams marketplace integration coming with future SaaS offering

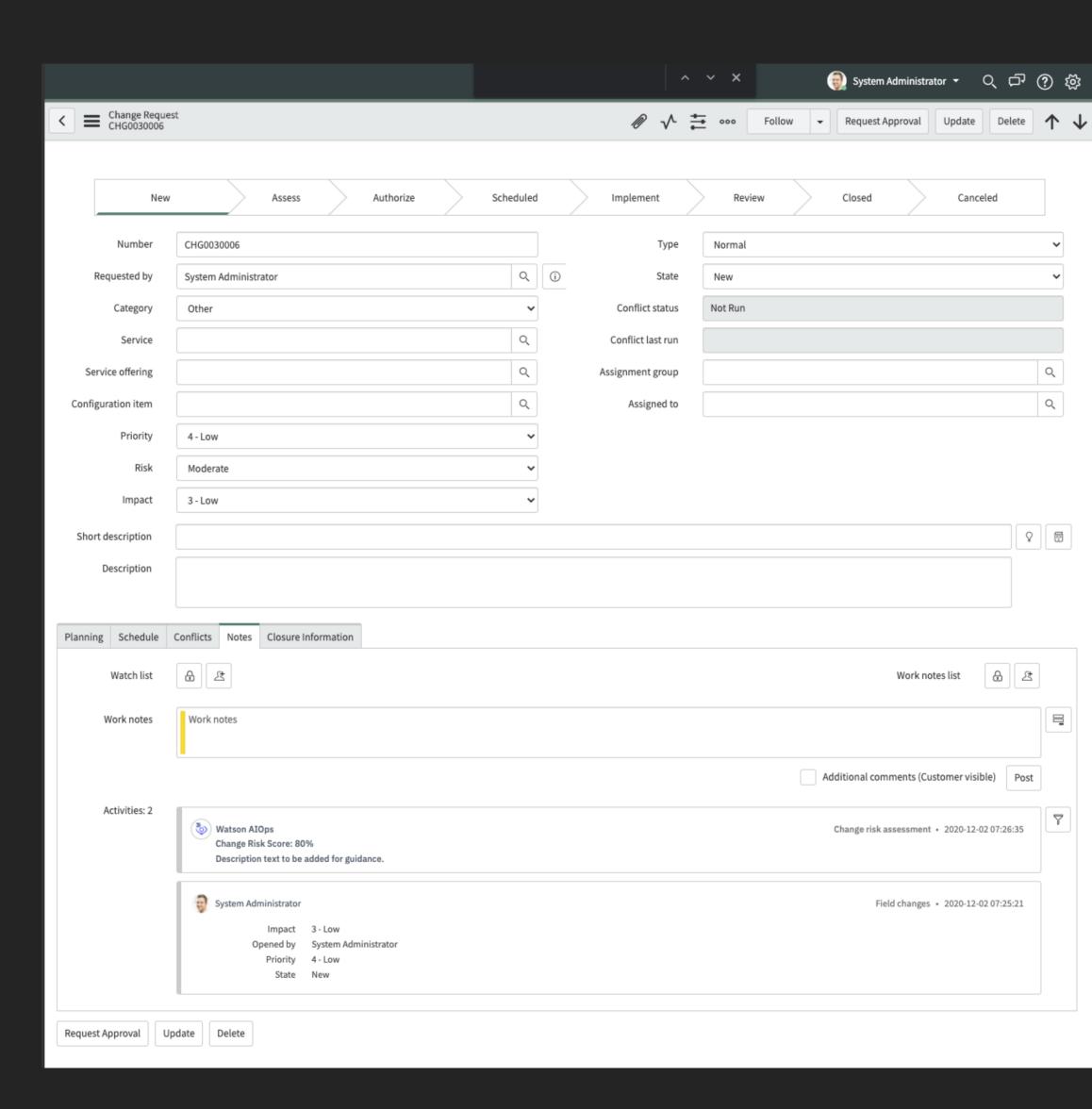
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Change Risk advisor – Episode 1

- 1. Don't trade speed for stability
- 2. Avoid risky roll-outs
- 3. Predict risk based on similar change requests and associated incidents
- Integrates with Service Now change request flow





Build with CloudPak 2.0 and IBM Automation Foundation

- Unified deployment and management experience across CloudPaks
- 2. Certified for RedHat Openshift
- 3. Accessible via marketplace
- 4. Deploy with Kubernetes Operator
- 5. Access to Process Mining included

. . .

6. Access to RPA included

OperatorHub The IBM Cloud Pak for Watson AlOps, running on Red Hat OpenShift, provides consisten visibility, governance, and automation from on premises to the edge. Enterprises gain capabilities such as multicluster management, event management, application Operator V....io performance management, infrastructure management, and existing tools managemen 2.1.0 With the IBM Cloud Pak for Watson AlOps, you get more application and cluster visibility Capability Level across the enterprise to any public or private cloud. You can improve automation by simplifying your IT and application operations management with increased flexibility and ✓ Basic Install cost savings, and intelligent data analysis driven by predictive signals. Seamless Upgrad Full Lifecycle You can also take advantage of the governance with the IBM Cloud Pak for Watson AlOps because you can manage your multicloud environments with a consistent and automated O Deep Insights set of configuration and security policies across all applications and clusters. O Auto Pilot Resources Required **Provider Type** need to be created manually, and will consume additional resources. However instances of IBM Common IBM Operator Catalog Services and Base services will be deployed automatically. Provider Supported platforms IBM Red Hat OpenShift Container Platform 4.3.22 or newer, and 4.4.4 or newer, installed on one of the Repository following platforms: https://github.ibm.co operator Prerequisites **Container Image** N/A Q : B 4 8 IBM Cloud Pak for Automation Install state Created At Support Overview Provider Type My recent projects Inbox ♦ Build Assigned to me New capability available Submitted by me Published RPA scripts Integrations MQ sales teams architecture Yet another example of an 2 hour ago des_quickstart integration solution title [%] Change data capture Determine the data that has changed so that action can be taken using the

○ Ⅲ **⊕ ②**

IBM Cloud Pak for Watson AIOps



https://www.ibm.com/cloud/cloud-pak-for-watson-aiops