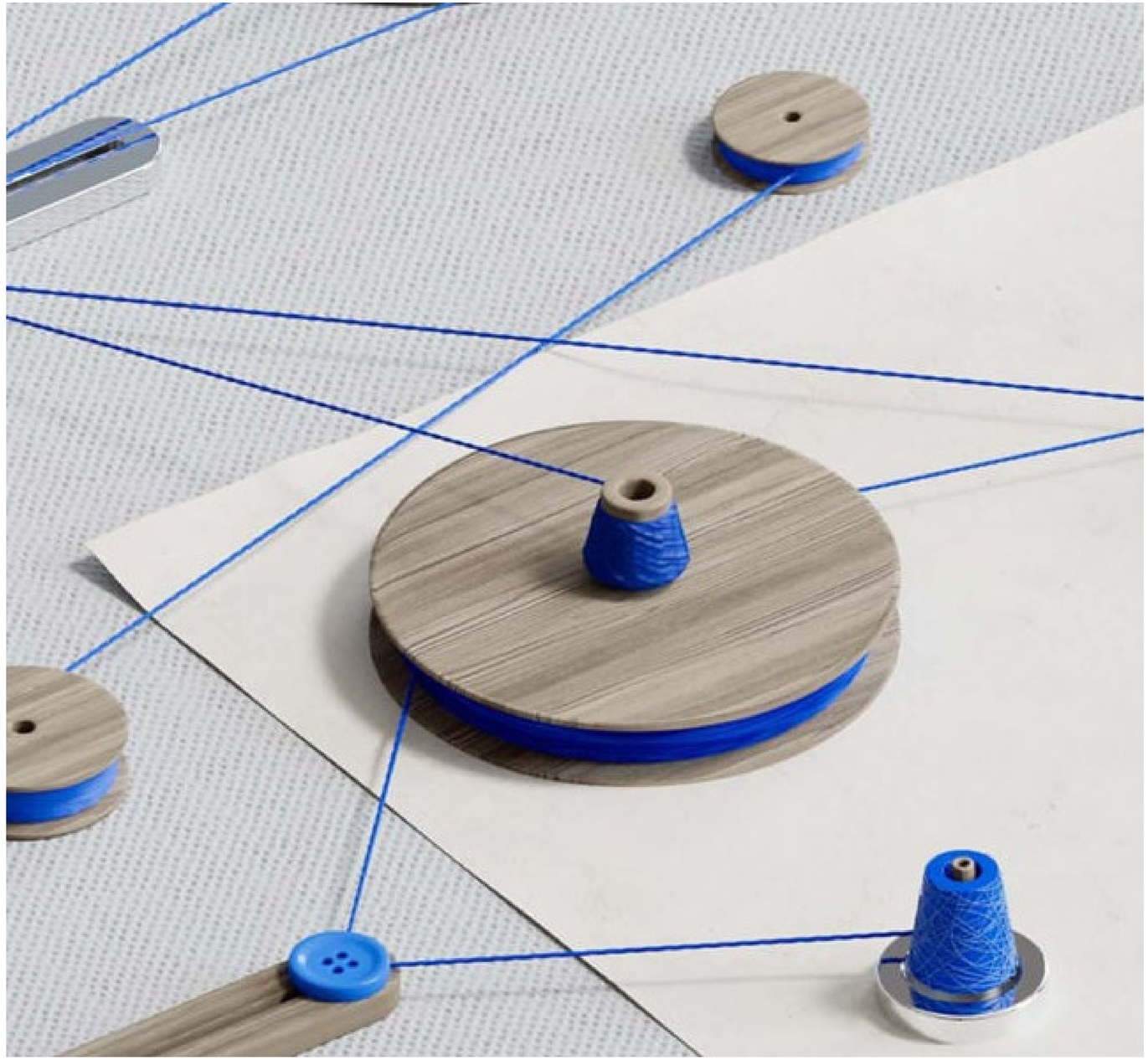
IBM Maximo Integration + Automation

with

IBM webMethods Hybrid Integration



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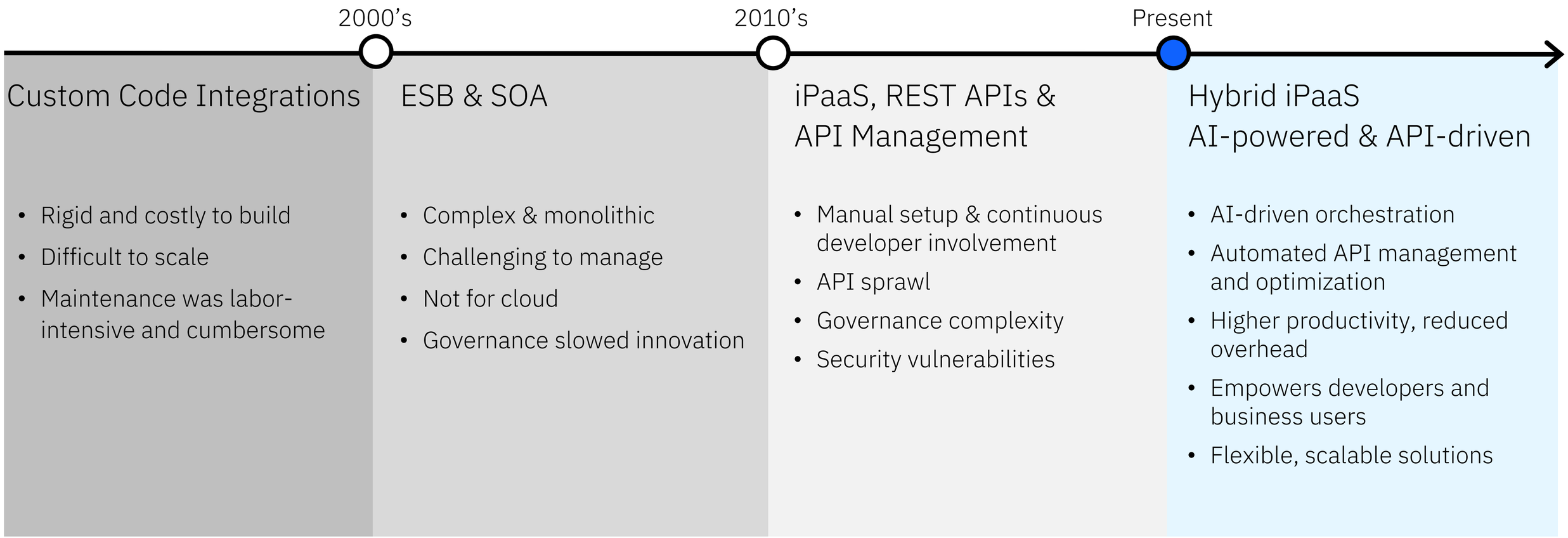
Introductions

Phil Silver
Enterprise Account Executive – Integration
phil.silver@ibm.com

Prudhvi Penmetsa
Brand Technical Specialist
IBM webMethods
Prudhvi.Penmetsa@ibm.com

The Evolution of Integration



Shift towards a new paradigm of integration

Traditional iPaaS

- rigid integration
- static workflows
- prebuilt connectors
- ready-made recipes

Hybrid iPaaS
AI-powered & API-driven

Integrations adapt in real time

How:

- AI agents dynamically interpret intent
- generate workflows on demand
- intelligently select and orchestrate API calls

Resulting integrations are

- dynamic
- scalable
- intelligent

Enterprises demand

- more agility
- higher productivity
- better governance

How developers experience the new paradigm of integration

Developer on Traditional iPaaS

- configures integrations manually
- maintains brittle workflows

Developer on Hybrid iPaaS

- guides AI-driven automation
- combines ingenuity with power of AI
- is a strategic orchestrator of AI
- leverages reusability & composability of APIs

Enterprises demand

- more agility
- higher productivity
- better governance

The evolution of integration causes challenges … and at the same time being part of the solution

1 – Data Silos

Data stored across multiple applications leads to splintered data storage and data not in sync

2 - Legacy Systems and Incompatibility

Utilizing legacy systems and custom integrations between them and modern cloud applications

3 – Insecurity and Inconsistency

Leveraging lightweight point-to-point connections and file transfers for integrations

4 – Non-Scalability and Complexity

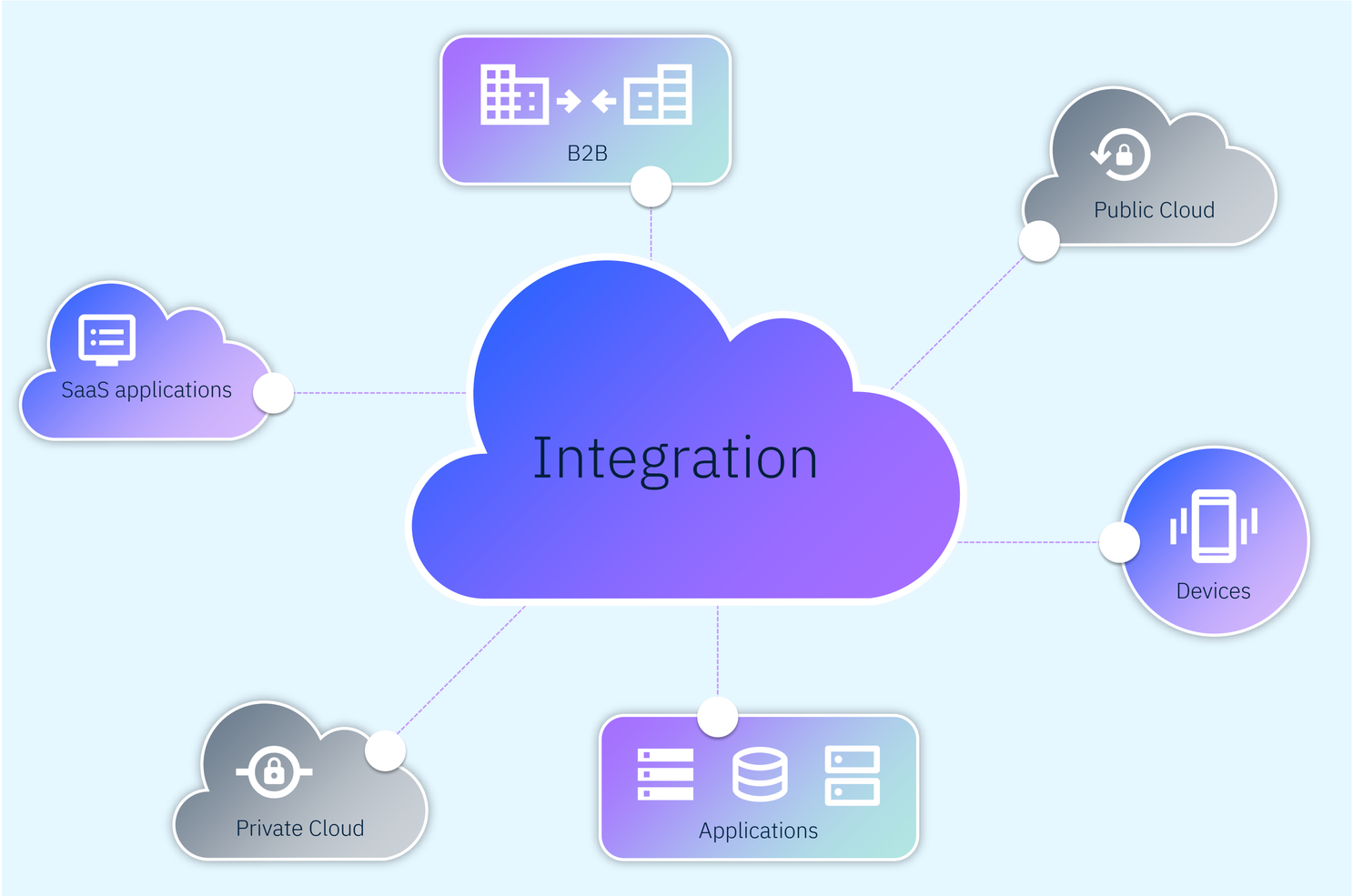
Missing adoption of future proof architecture components, such as microservices, containers and API, and expanding IT infrastructure by leveraging cloud computing platforms

Integration is a multi-faceted problem

There is a proliferation of apps, APIs, Events, Files, and B2B Partners, and the problem is increasing

Data is now spread across hybrid platforms and multi-cloud including:

- Private, public, hybrid
- AWS, Azure, IBM
- Across global geographies
- Legacy and new



IBM webMethods Hybrid Integration

Unified experience for all scenarios

Manage your integrations across on-prem and multi-cloud

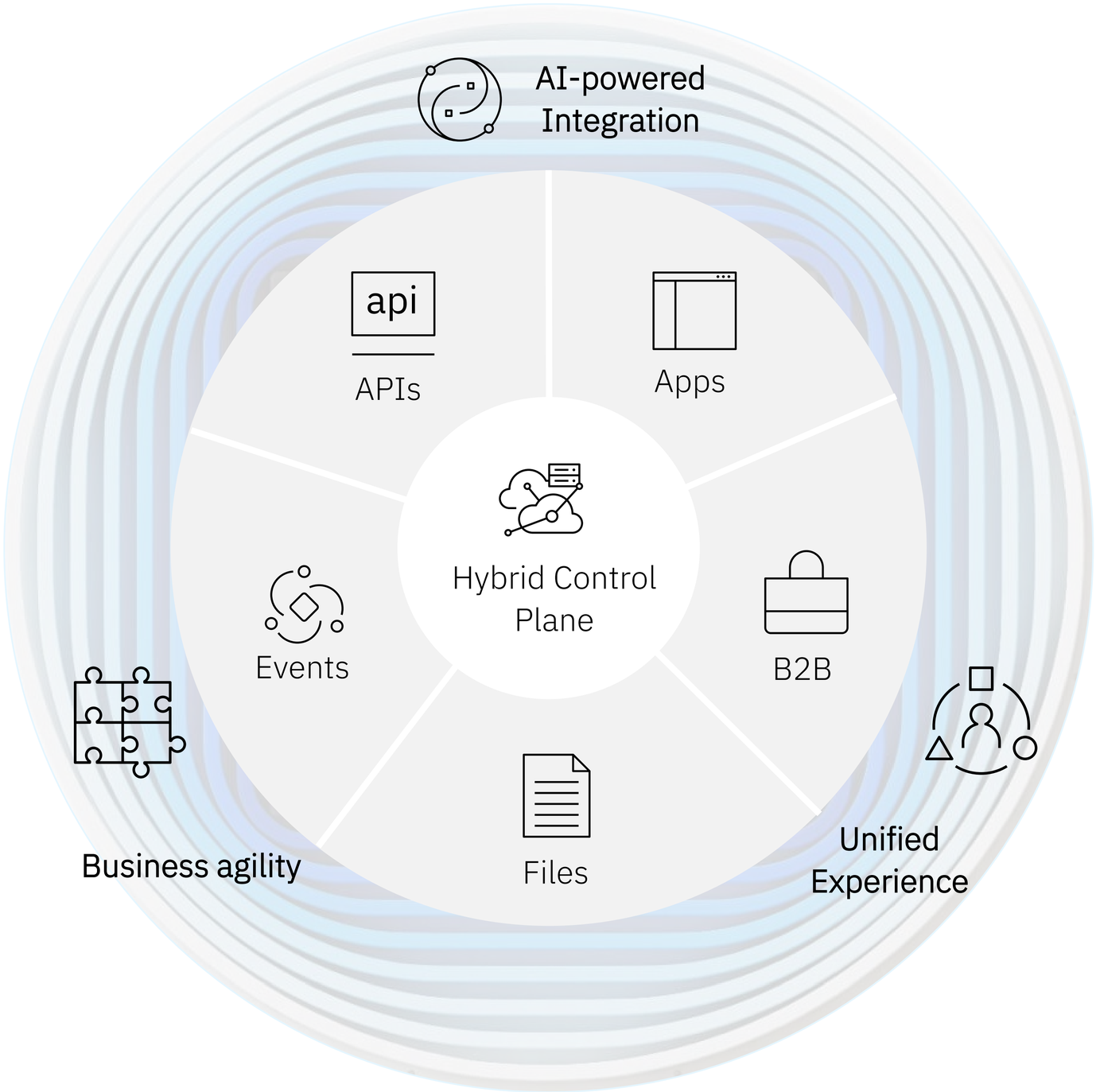
Bring together APIs, apps, events, data, files and B2B/EDI in one unified platform

AI-powered integration

Leverage AI to drive productivity that powers every part of your business

Business agility

Deliver business needs faster with a flexible set of dynamic, reusable APIs and events



Why IBM webMethods Hybrid Integration

Increased Productivity

Enhances productivity for all users, from integration specialists to business technologists, by simplifying complex integration tasks.

Cost Efficiency

Reduce development costs by reusing assets and leveraging cost-effective cloud resources.

API-led Integration

Streamlines connectivity by using well-managed internal and external API's, with integration and API's working hand-in-hand.

Scalability

Offers the agility to scale on demand, meeting the evolving requirements of client’s business.

Flexible Development & Deployment

Develop anywhere & Deploy anywhere enables clients to choose their development tools and reuse existing and ensures a seamless deployment process with a single click.

Centralized Control & Distributed Execution

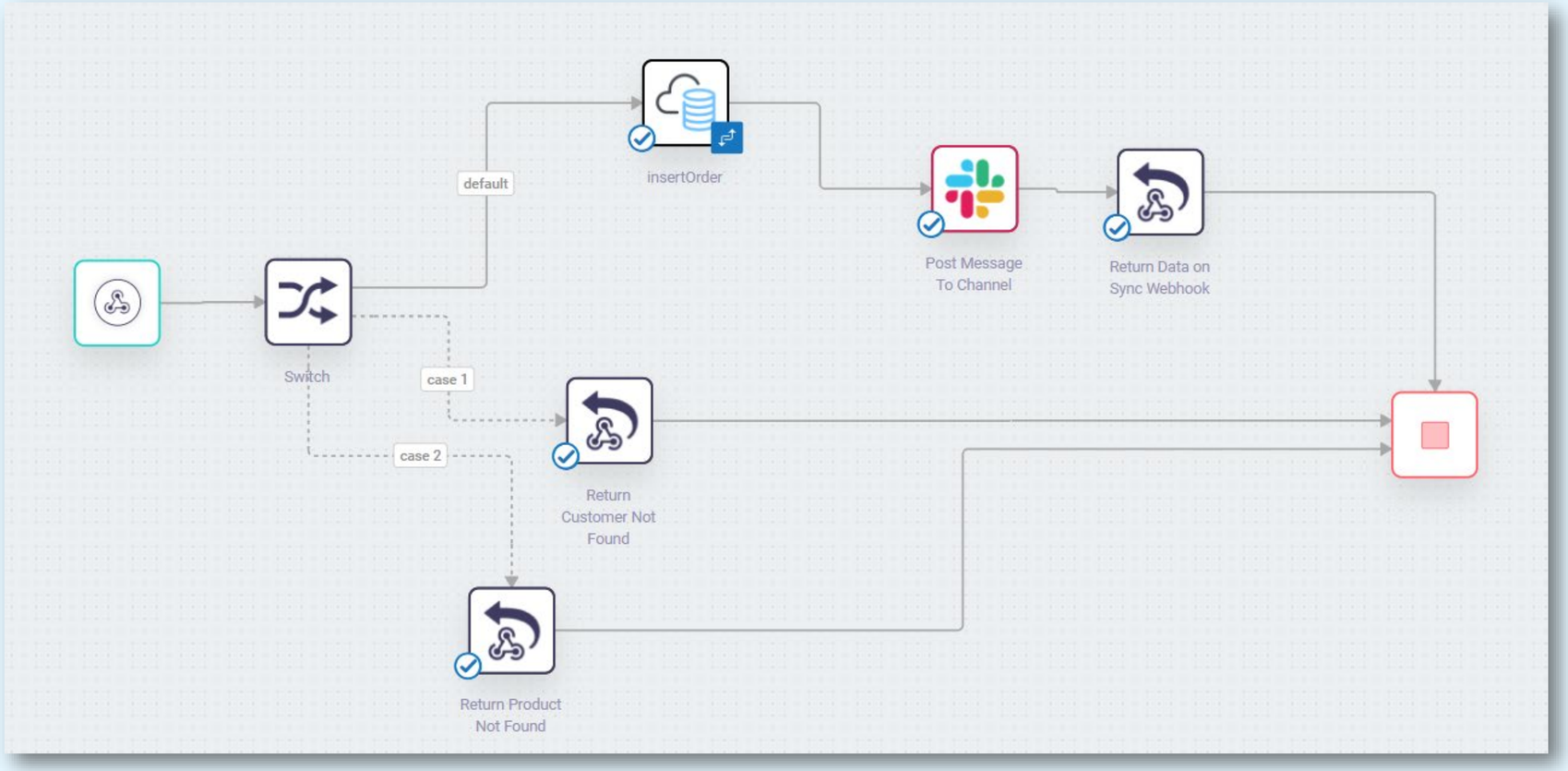
Manage and monitor all edge runtimes from a single control plane, simplifying administration and improving governance.

Regulatory Compliance

Run integrations where needed to adhere to regional regulations, minimizing data movement.

Increased Productivity

by providing a user-friendly, drag-and-drop interface that allows both technical and non-technical users to create complex workflows without extensive coding.



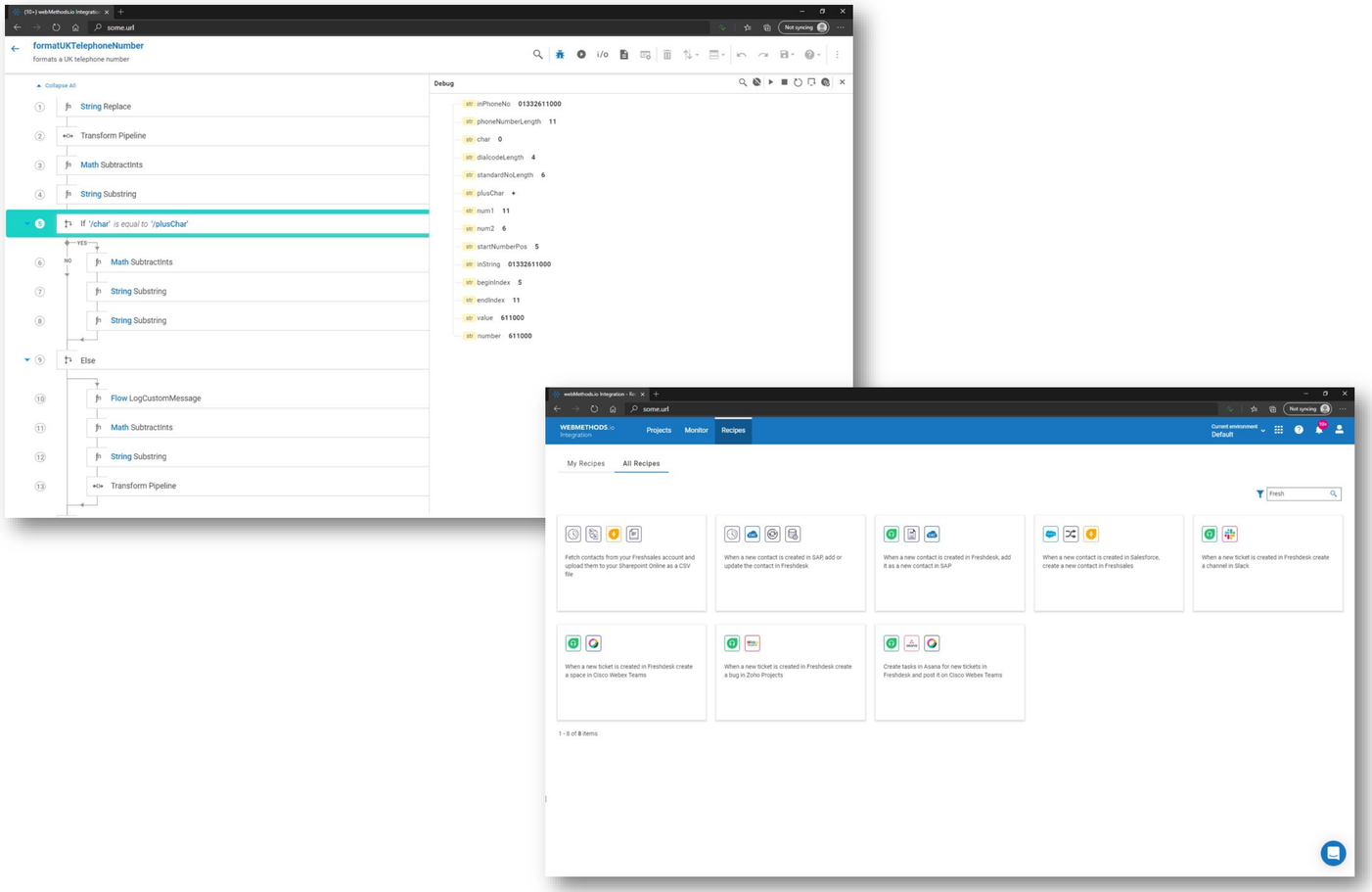
Simple to Advanced Integration

Increased Productivity

- Catering to users with varying technical skills, from business users to integration specialists, offering features like Low-Code/No-Code approaches and advanced Flow Services.

- Simple drag-and-drop interface allows business technical users to create workflows easily, while the platform manages connectivity and security issues implicitly

- Guided development and Pre-built Recipes provide blueprints for integrations, offering step-by-step instructions and templates for common scenarios

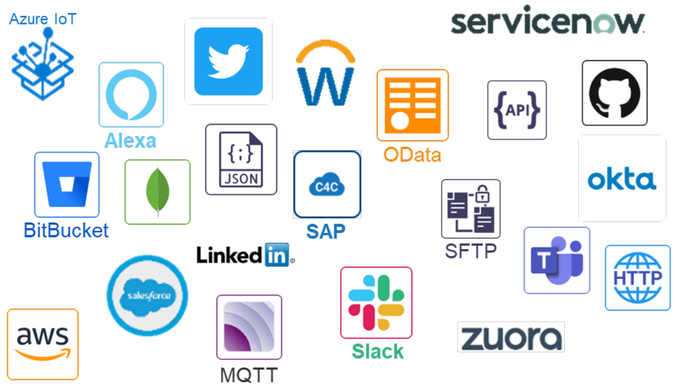


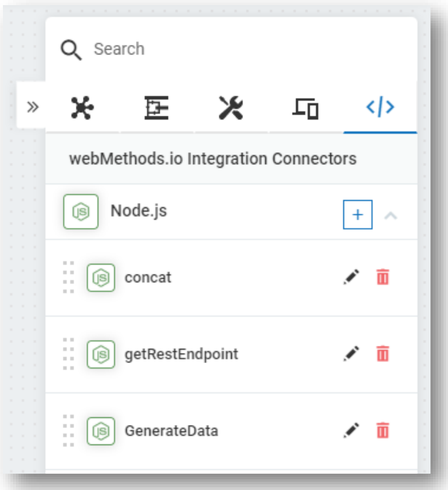
Prebuilt and Custom Connectivity

Increased Productivity

- Extensive Connector Library that is constantly growing with currently more than 600+ predefined connectors, providing out-of-the-box integration capabilities between popular applications, SaaS providers, mainframes, data lakes, trading partners and much more

- Additionally, offers the flexibility to create custom connectors for services not covered by predefined connectors, supporting various protocols (REST, SOAP, Flat File), and allows for on-premises connections





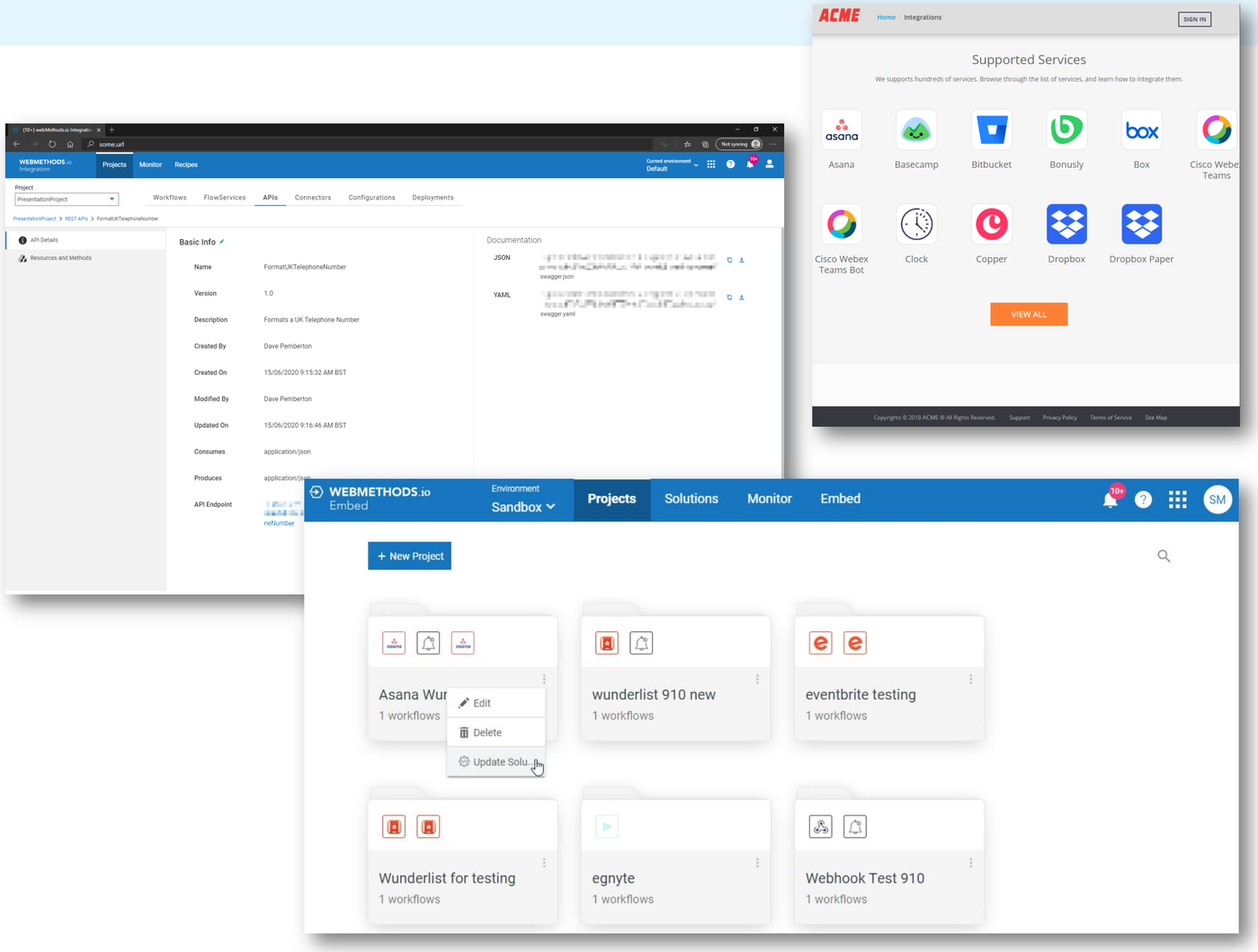
API-Led and embeddable “headless” integration

Scale with a cloud native integration platform

API-led and headless integrations for connecting multiple systems and streamlining business processes.

- API-led integration creates reusable APIs enabling developers to build, host, and secure APIs while exposing data and services across web and mobile applications.

- Headless integration enables seamless embedded integrations within applications, providing full brand control and out-of-the-box connectors for over 200 systems.

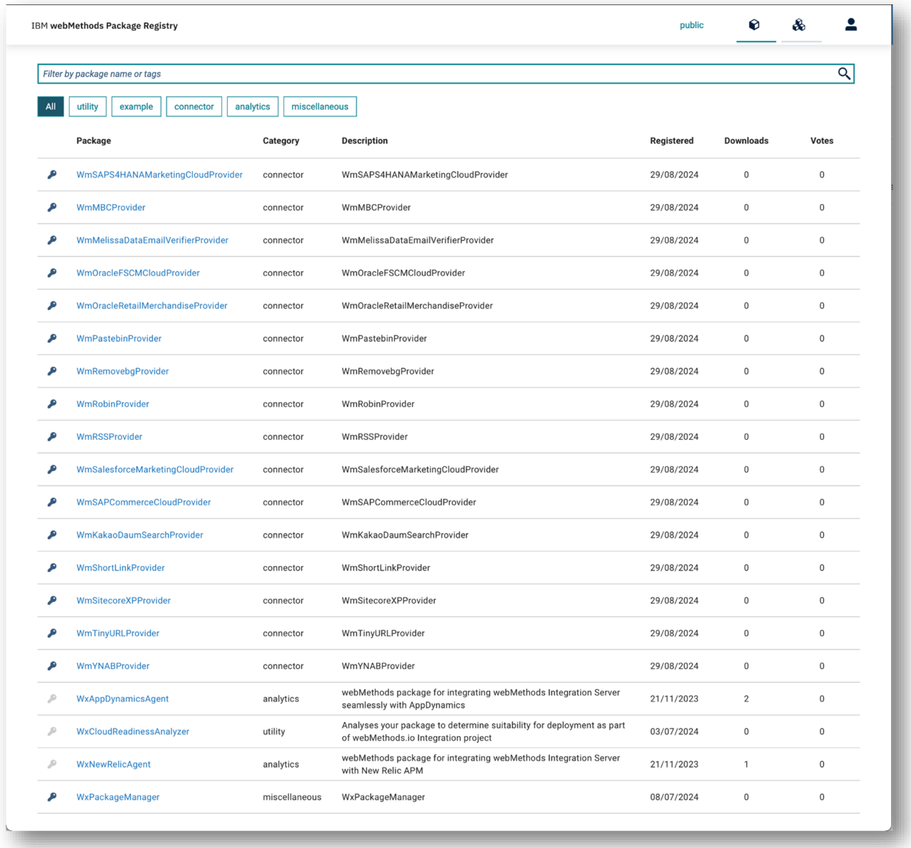


Streamlining development, deployment, and management

Increased Productivity

- webMethods Package Manager allows developers to easily collaborate, share and reuse packages to streamline the development, regardless of their location, and the deployment to various environments.

- webMethods Package Manager supports various protocols and promotes a modular package structure enabling developers to create reusable and easily maintainable integration components.

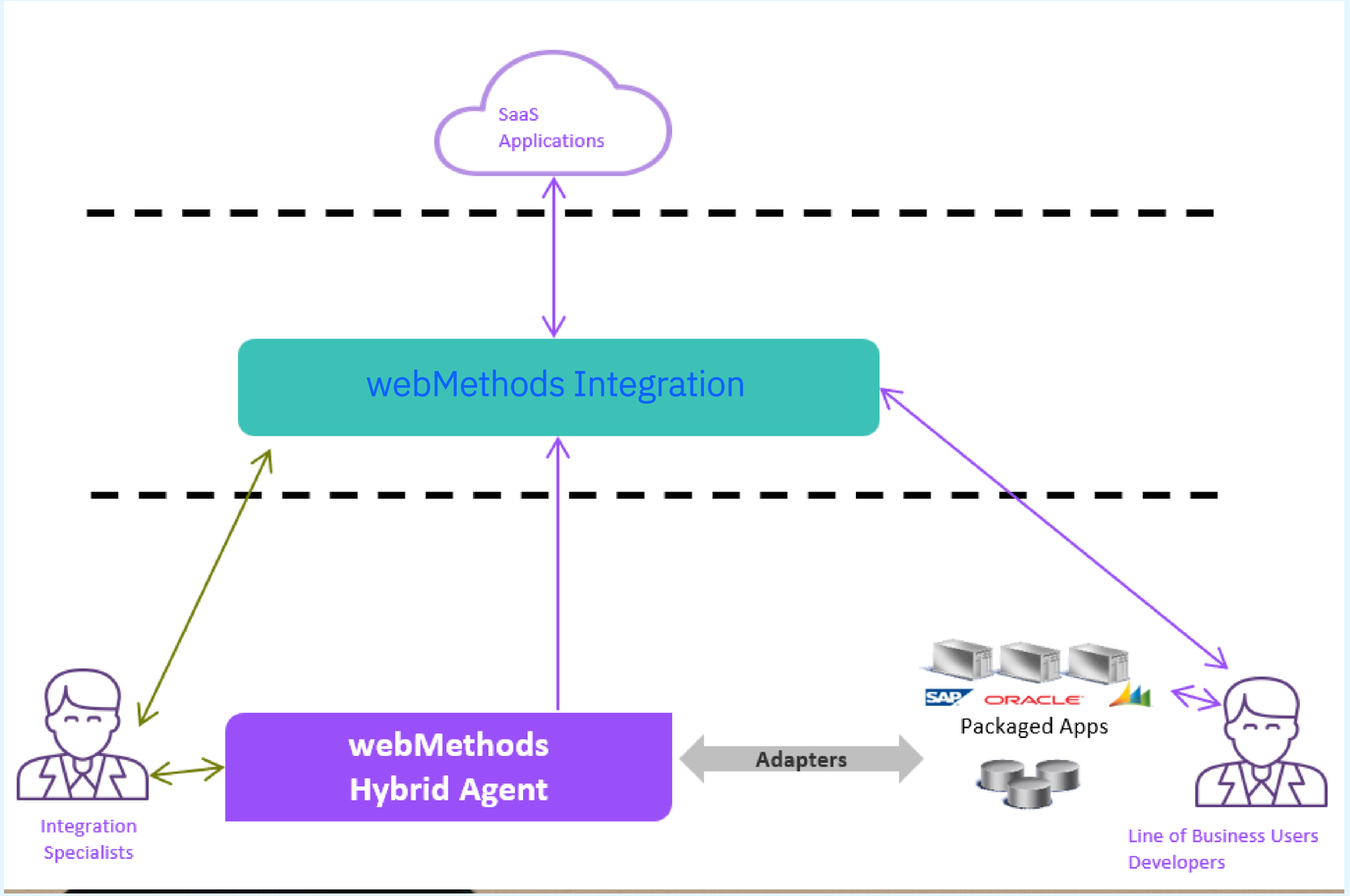


Package	Category	Description	Registered	Downloads	Votes
WmSAPS4HANAMarketingCloudProvider	connector	WmSAPS4HANAMarketingCloudProvider	29/08/2024	0	0
WmMBCProvider	connector	WmMBCProvider	29/08/2024	0	0
WmMelissaDataEmailVerifierProvider	connector	WmMelissaDataEmailVerifierProvider	29/08/2024	0	0
WmOracleFSCMCloudProvider	connector	WmOracleFSCMCloudProvider	29/08/2024	0	0
WmOracleRetailMerchandiseProvider	connector	WmOracleRetailMerchandiseProvider	29/08/2024	0	0
WmPastebinProvider	connector	WmPastebinProvider	29/08/2024	0	0
WmRemovebgProvider	connector	WmRemovebgProvider	29/08/2024	0	0
WmRobinProvider	connector	WmRobinProvider	29/08/2024	0	0
WmRSSProvider	connector	WmRSSProvider	29/08/2024	0	0
WmSalesforceMarketingCloudProvider	connector	WmSalesforceMarketingCloudProvider	29/08/2024	0	0
WmSAPCommerceCloudProvider	connector	WmSAPCommerceCloudProvider	29/08/2024	0	0
WmKakaoDaumSearchProvider	connector	WmKakaoDaumSearchProvider	29/08/2024	0	0
WmShortLinkProvider	connector	WmShortLinkProvider	29/08/2024	0	0
WmSitecoreXPProvider	connector	WmSitecoreXPProvider	29/08/2024	0	0
WmTinyURLProvider	connector	WmTinyURLProvider	29/08/2024	0	0
WmYNABProvider	connector	WmYNABProvider	29/08/2024	0	0
WxAppDynamicsAgent	analytics	webMethods package for integrating webMethods Integration Server seamlessly with AppDynamics	21/11/2023	2	0
WxCloudReadinessAnalyzer	utility	Analyses your package to determine suitability for deployment as part of webMethods.io Integration project	03/07/2024	0	0
WxNewRelicAgent	analytics	webMethods package for integrating webMethods Integration Server with New Relic APM	21/11/2023	1	0
WxPackageManager	miscellaneous	WxPackageManager	08/07/2024	0	0

Scale with a cloud native integration platform

Offering scalability, flexibility, and reduced infrastructure management, allowing businesses to quickly adapt to changing demands without the need for extensive on-premises resources.

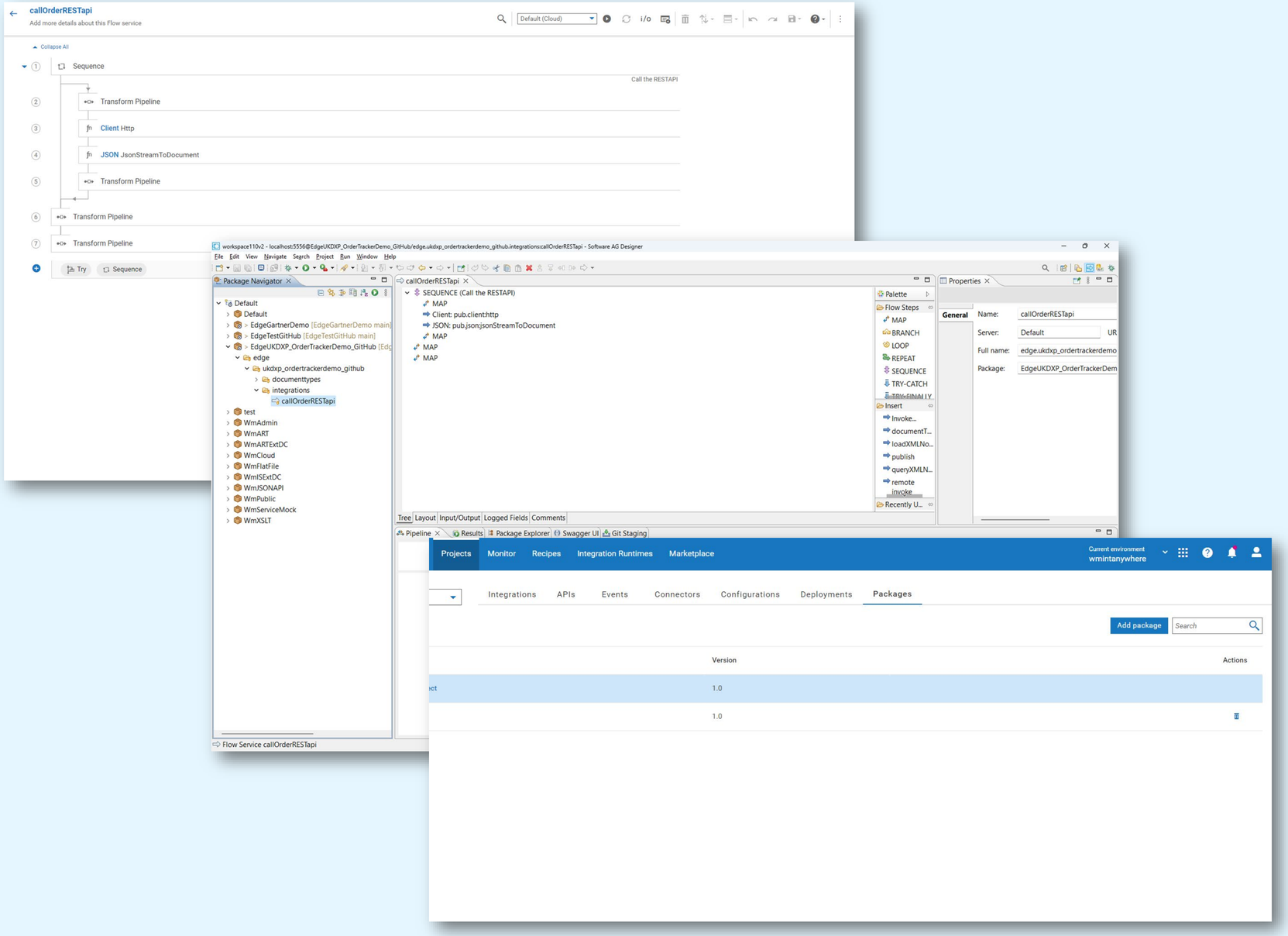
Easy scalability with the load then distributed by the secure patented hybrid connection that is established by the runtimes when connecting to the client's cloud.



Flexible development and deployment in any environment

with “Develop anywhere, Deploy anywhere”

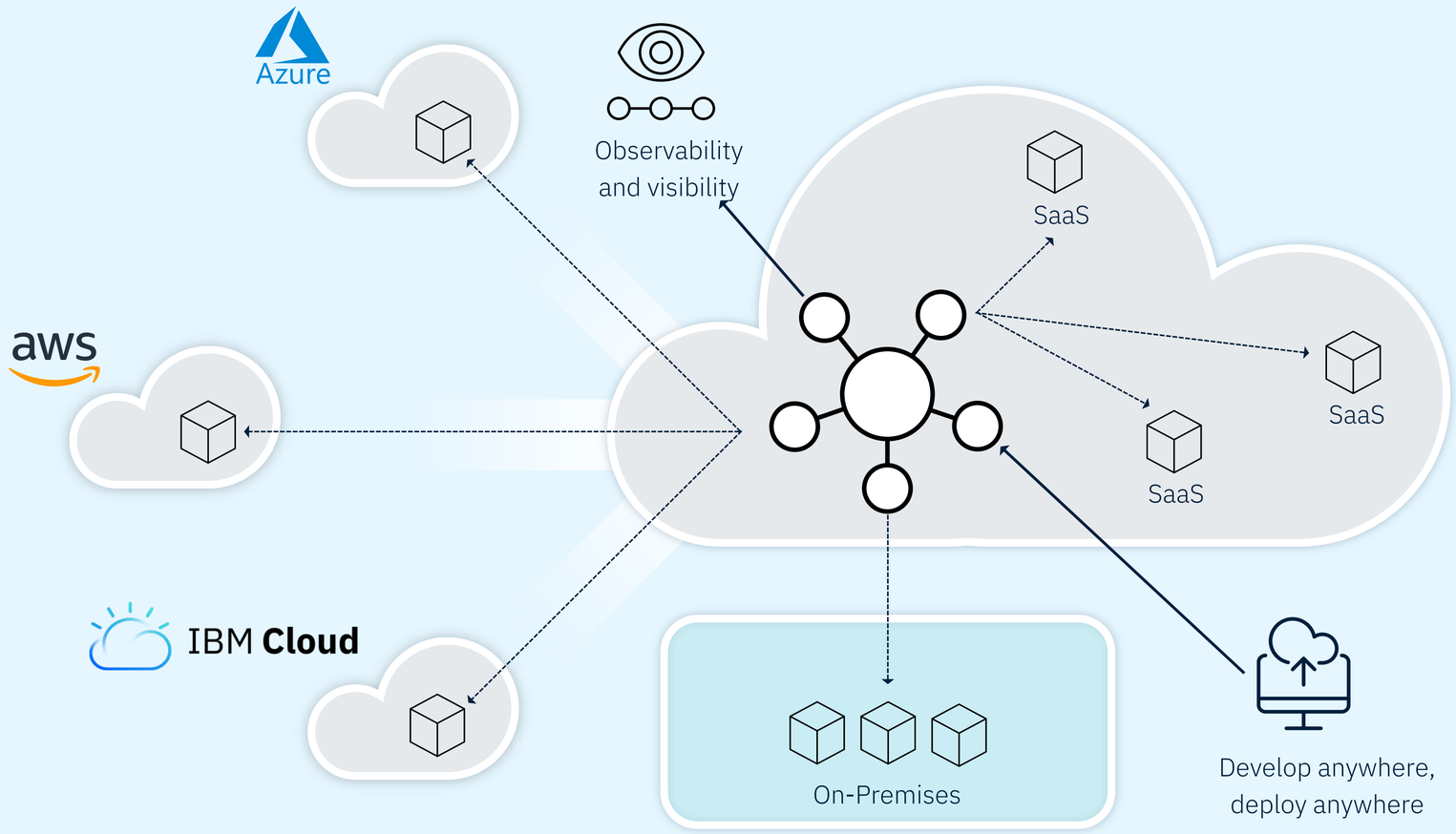
Business users, developers and DevOps professionals have the freedom to choose their development tools and benefit from a seamless deployment process, regardless of the target environment.



Centralized control, distributed execution

via a unified control plane that manages all runtimes, regardless of location with:

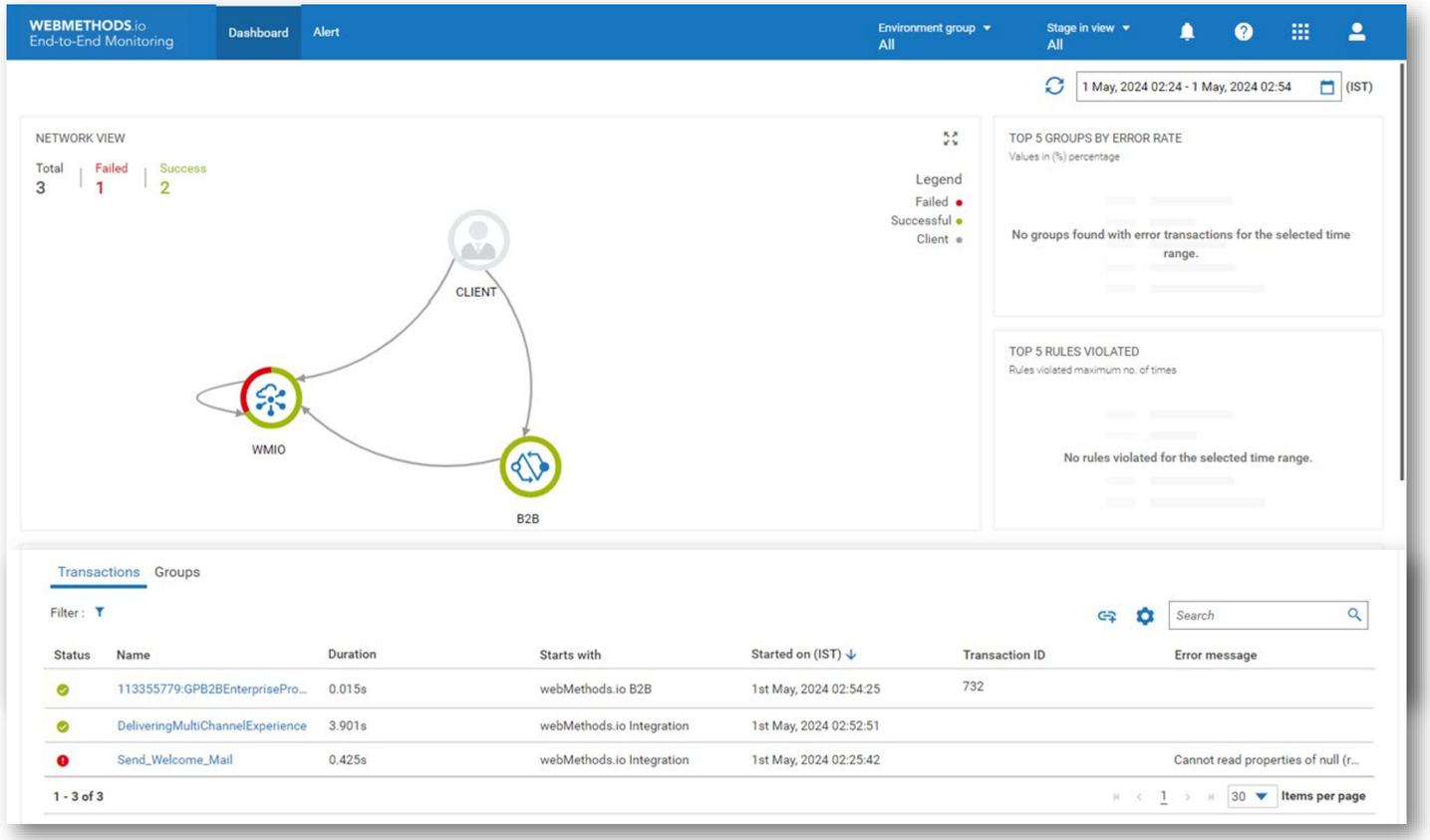
- Simple and secure routing with implicit end point resolution.
- One click deployment to synchronize changes across all runtimes.
- Traceability regardless of where process run occurs.



Monitoring and Analytics
Increased Productivity

- Powerful monitoring and analytics tools providing real-time transparency into the health integrations and comprehensive visibility into transaction steps to identify and resolve issues, minimizing disruptions and maintaining the integrity of operations.

- Based on Open Telemetry, a recognized standard, enterprises can use it to trace their own tooling for true end to end monitoring across multiple vendors and platforms.



Cost efficiency

by leveraging webMethods Integration as a modern platform enabling enterprises by streamlining processes, automating workflows, and consolidating multiple systems into a single, efficient platform.

This approach leads to lower operational and maintenance costs, improved productivity, reduced error rates, and enhanced scalability, ultimately resulting in substantial savings across IT operations, resource allocation, and time-to-market for new initiatives.

IBM webMethods Hybrid Integration for new & modernized workloads

IBM webMethods Hybrid Integration is the strategic platform

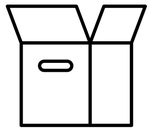
IBM webMethods Hybrid Integration combines IBM and webMethods integration technologies into a single platform

Maximized client ROI for new & existing workloads

Leveraging our combined portfolios and years of enterprise integration experience

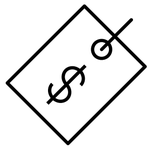
Converged experiences and product / capabilities where applicable over time

Single offering for multi-pattern capabilities



Packaging to ease purchasing with one product that has multiple capabilities, available as software and SaaS

Consumption-based pricing aligns with usage and predictable



Licensing allows for flexible usage and deployment

Summary: Why webMethods Integration?

Built for Business & IT

Create integrations without coding, ensuring immediate productivity. Advanced features support build of complex integrations, while available collaboration between business and IT, making integration accessible and efficient.

Integrate Anything with the Unified iPaaS

Integration is more than applications. Using the webMethods iPaaS users can integrate anything from apps, APIs, partner messaging using B2B, moving files with MFT, or even Business Events.

Flexible Deployment

Design and deploy integrations in any environment – on premises, cloud, or as microservices, supporting robust DevOps practices.

Universal Connectivity & Observability

Integrate a vast range of applications with over 600+ pre-built connectors. Manage all integrations centrally with a unified interface that provides visibility and control across multi-cloud and hybrid environments.

Summary of Key Benefits

Flexibility and Scalability

- Optimize the performance and latency of integrations
- Realize scalability and elasticity by handling varying workloads and sudden spikes in demand scaling integration processes horizontally or vertically

Secure & Controlled Connectivity

- Ensures secure connectivity between different runtime environments by utilizing private links, such as public clouds, private clouds, or on-premises systems
- Enable granular control over integration execution and data governance

Comprehensive Monitoring and Observability

- Providing monitoring capabilities for all scalable runtimes and integration transactions
- Leveraging observability metrics to gain insights into integration workflows and visualize transaction flows

Vendor-Agnostic Integration

Support a seamless integration across various cloud environments and private clouds, avoiding vendor lock-in and enabling a multi-cloud strategy

Disaster Recovery and Business Continuity

Provide integrations across multiple cloud environments to ensure business continuity even if one cloud provider experiences an outage or disruption

Cost and Time Efficiency

Leveraging set of pre-built connectors, templates, and APIs to rapidly integrate and connect disparate systems, applications, and data sources while gaining a competitive edge

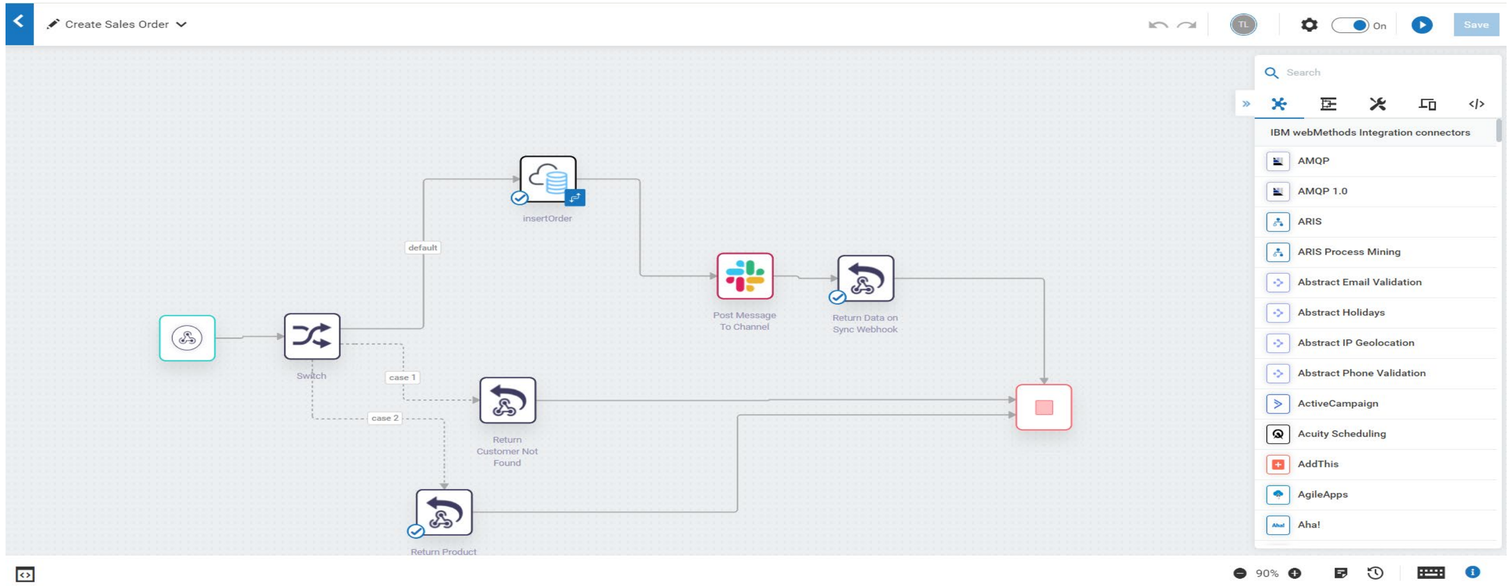
Maximo Demo use case...

Challenge

- Enterprise has a multi-cloud strategy
- Subscriptions to various SaaS applications – e.g., SAP S/4 HANA, Workday, Salesfore.com, Slack, others
- Current integrations are point-to-point, hindering innovation and creating siloes
- Developers are burdened building customer connectors to and between applications

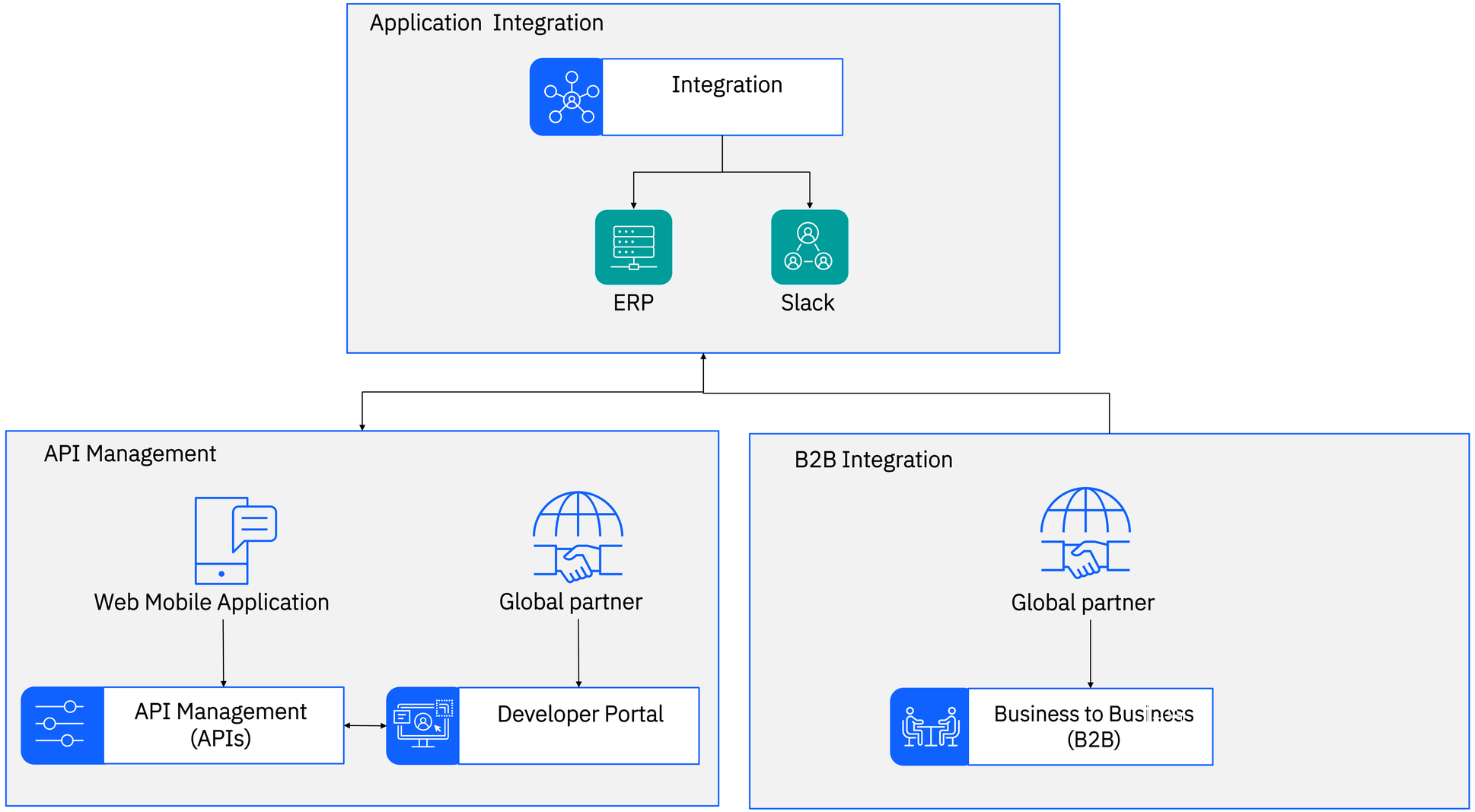
Solution

- A no code / low code iPaaS that streamlines integration and enhances development efficiency.

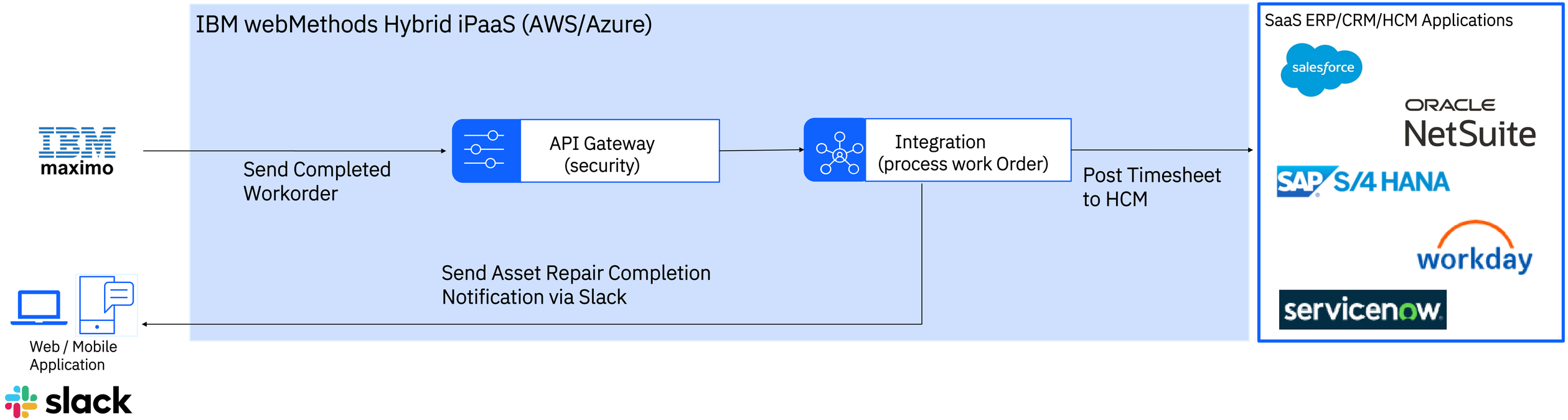


Demo Logical Architecture

Delivering a Multi-Channel Experience

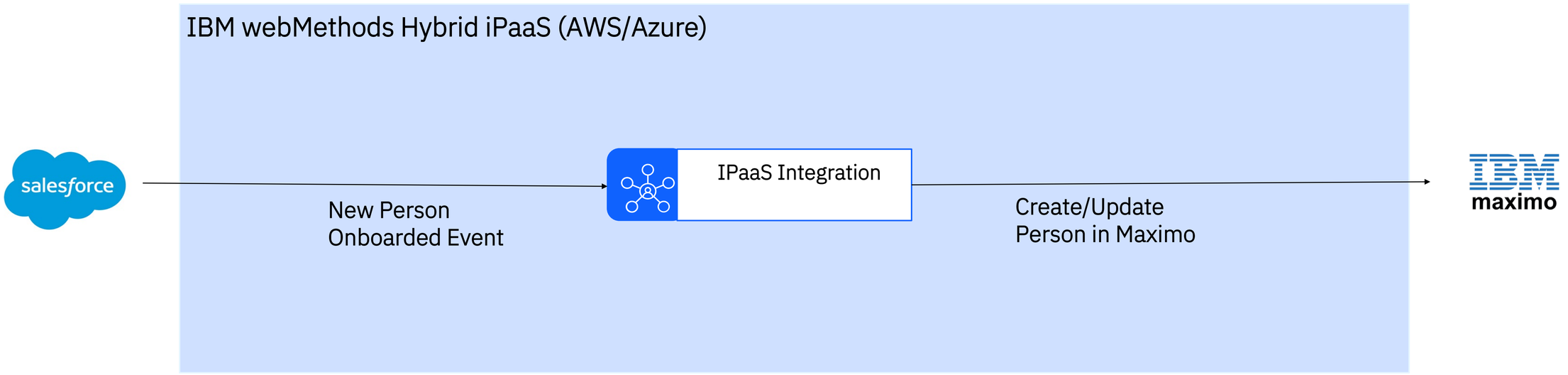


Maximo to NetSuite Timesheet Integration Use-Case



Salesforce to Maximo New Technician Onboarding

Real-Time Integration



Q&A

Learn how IBM can help you turn integration into a competitive advantage.

Schedule a demo

Thank you

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