

SAP Customer Center of Excellence

Global Virtual Summit- April 5-7, 2022

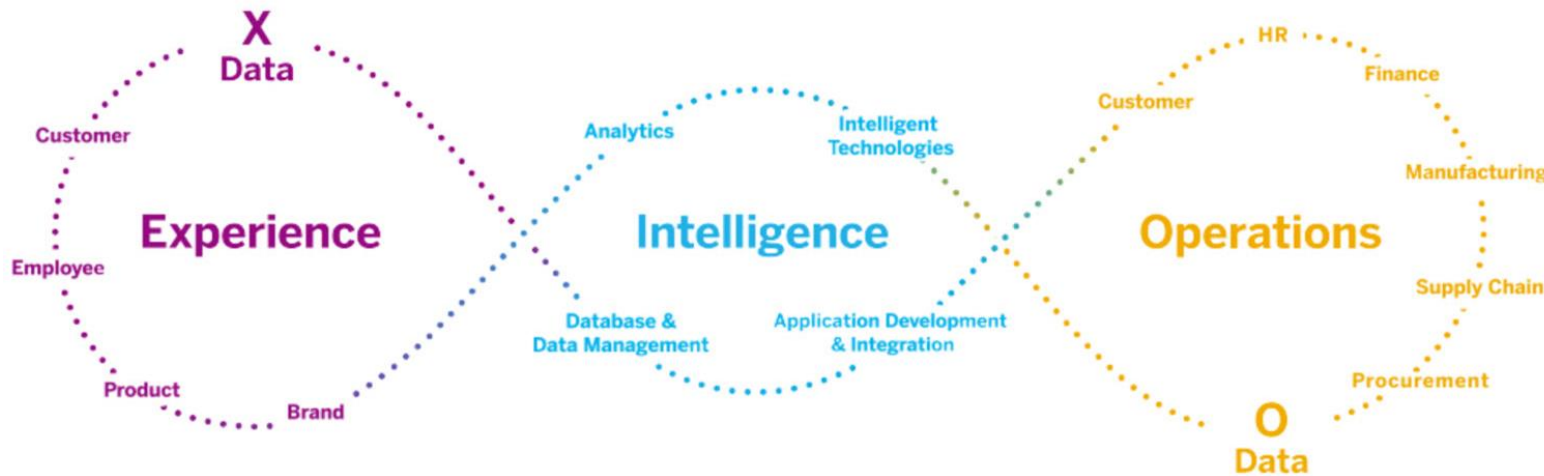


Cloud native applications, DevOps and SAP: How to combine them successfully

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SAP Strategy - The Intelligent/Integrated Enterprise

Speed of change - Data Driven Bus. Transformation - Shift to e2e Intelligent Workflow



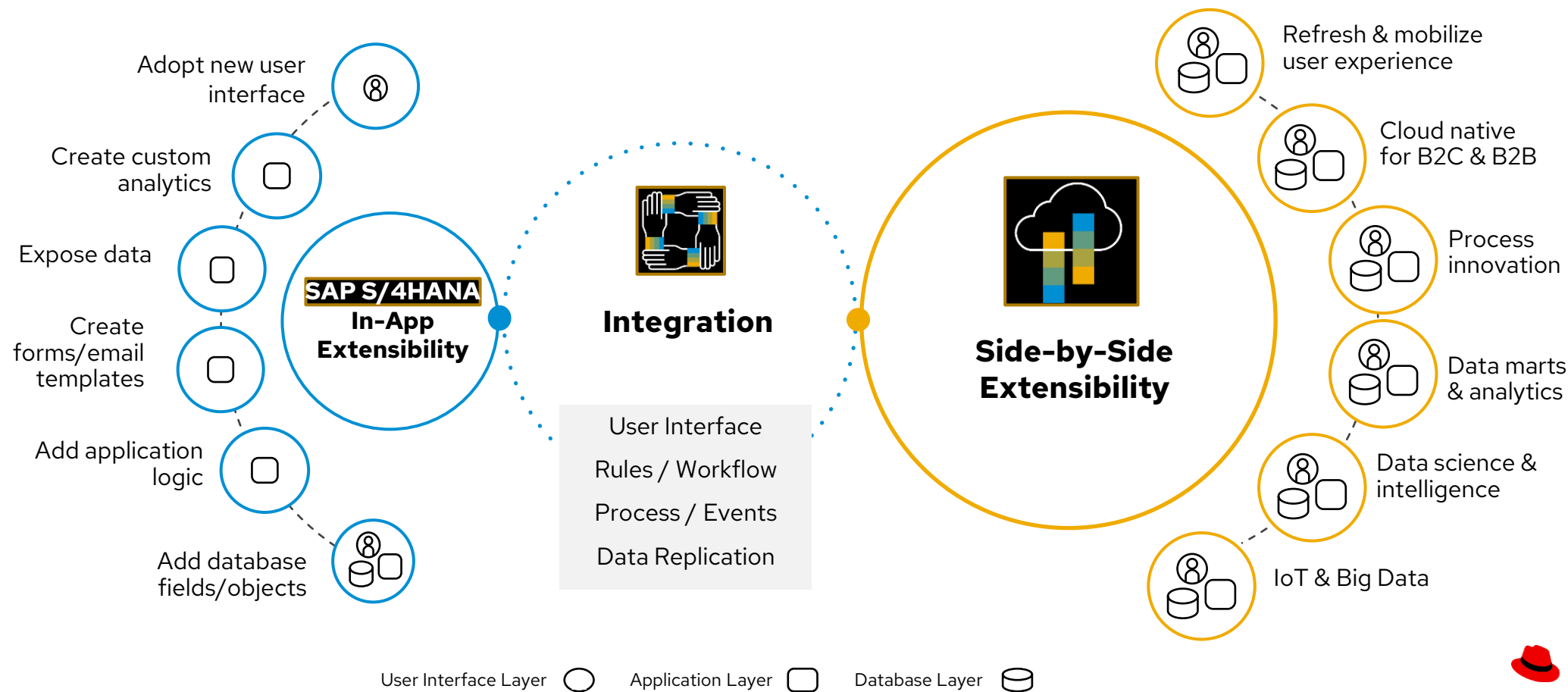
Intelligent enterprises apply **advanced technologies** and best practices within **agile, integrated business processes**. This helps them to be more resilient, profitable and sustainable, and become best-run businesses

S/4HANA Extensibility Options

Keep the core clean

Classic Extensions

Modern Extensions



Extensibility Options for SAP S/4HANA

Advantages of side-by-side extensibility



Operation

- **Digital core** remains focused
- **Share** extension applications
- **Test and support** with less effort



Business

- **Extend reach** to new user groups
- **Extend scope** with custom solutions
- **Complement** data and business services from different back ends

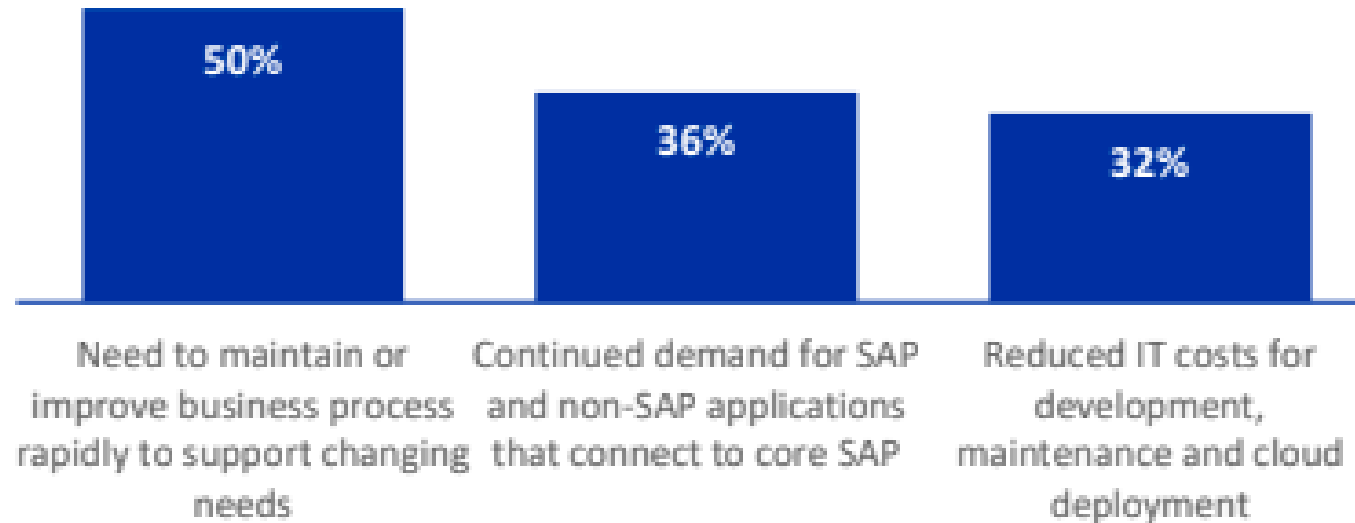


Technology

- **Use technology** of choice
- **Central skill set & technology** resulting in lower costs

Application development strategy

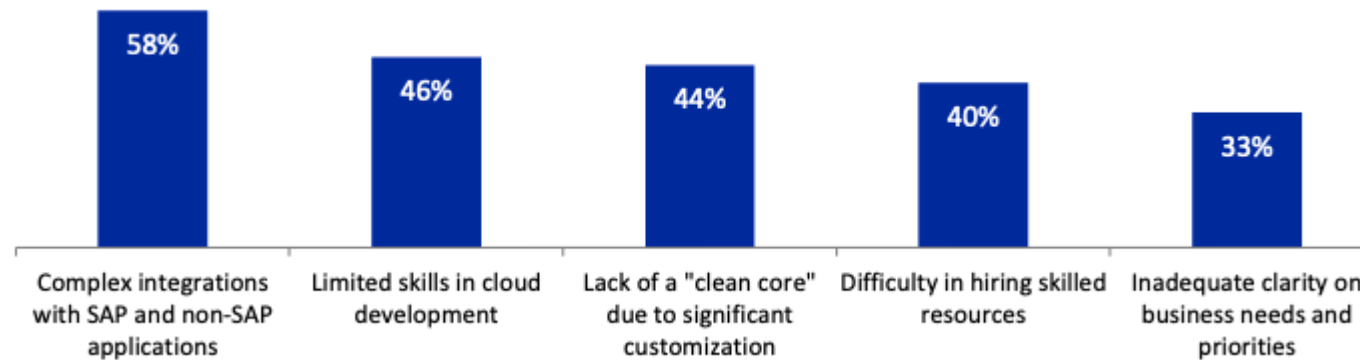
Drivers to create or change it



¹Source: SAPinsider, Application strategy and development for SAP S/4HANA and cloud, February 2022.

Challenges when cleaning the core

To ABAP or not to ABAP



¹Source: SAPinsider, Application strategy and development for SAP S/4HANA and cloud, February 2022.

Strategy towards modernization

Key actions



Deploy integration best practices
and technologies



Finalize approach for legacy ABAP



Identify high-impact use cases for
low-code/no-code

Modernizing Integration and Development

Key Pillars to generate competitive advantage



Innovations

Fast Innovation Lifecycle with
standardized business process



Integration

Massive simplification decoupling
extensions and integrations with
customized business processes

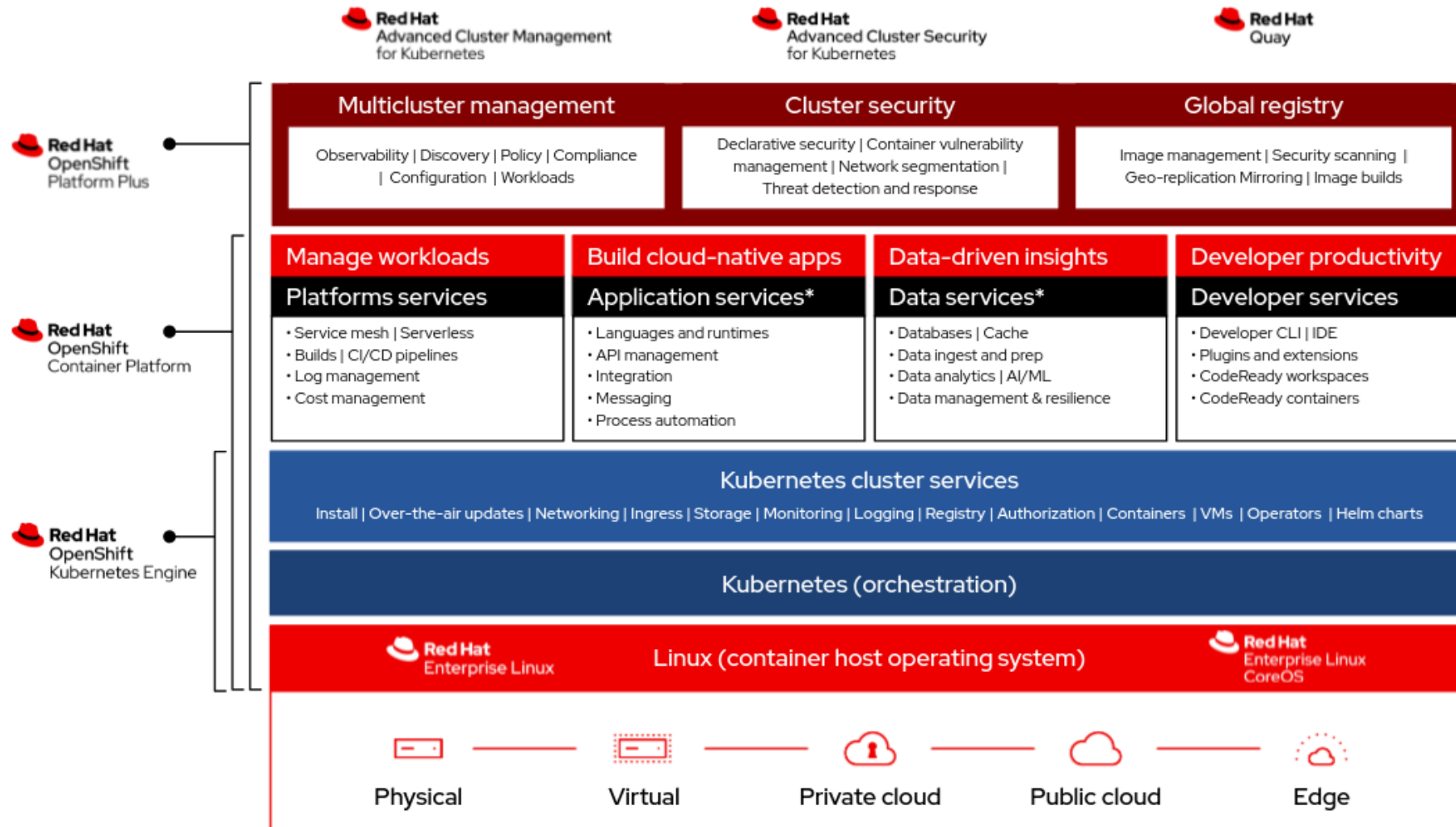


Interoperability

Flexible deployment with containers
which can run on-premise, in the
cloud or hybrid with all the individual
benefits

Modernization with Red Hat OpenShift

Modernization of SAP and non-SAP extensions



¹Source: [Forrester The TEI of Red Hat OpenShift Cloud Services, January 2022.](#)

²Source: West Trax Benchmark Database: 1.600+ Benchmark Analyses in 15 Sectors.



Red Hat OpenShift is for every innovator



Ready for IT operators

- Automate processes. Reduce complexity.
- Operate more securely from end to end.



Empowering developers

- Code fast with familiar tools.
- Rapidly deliver without roadblocks.

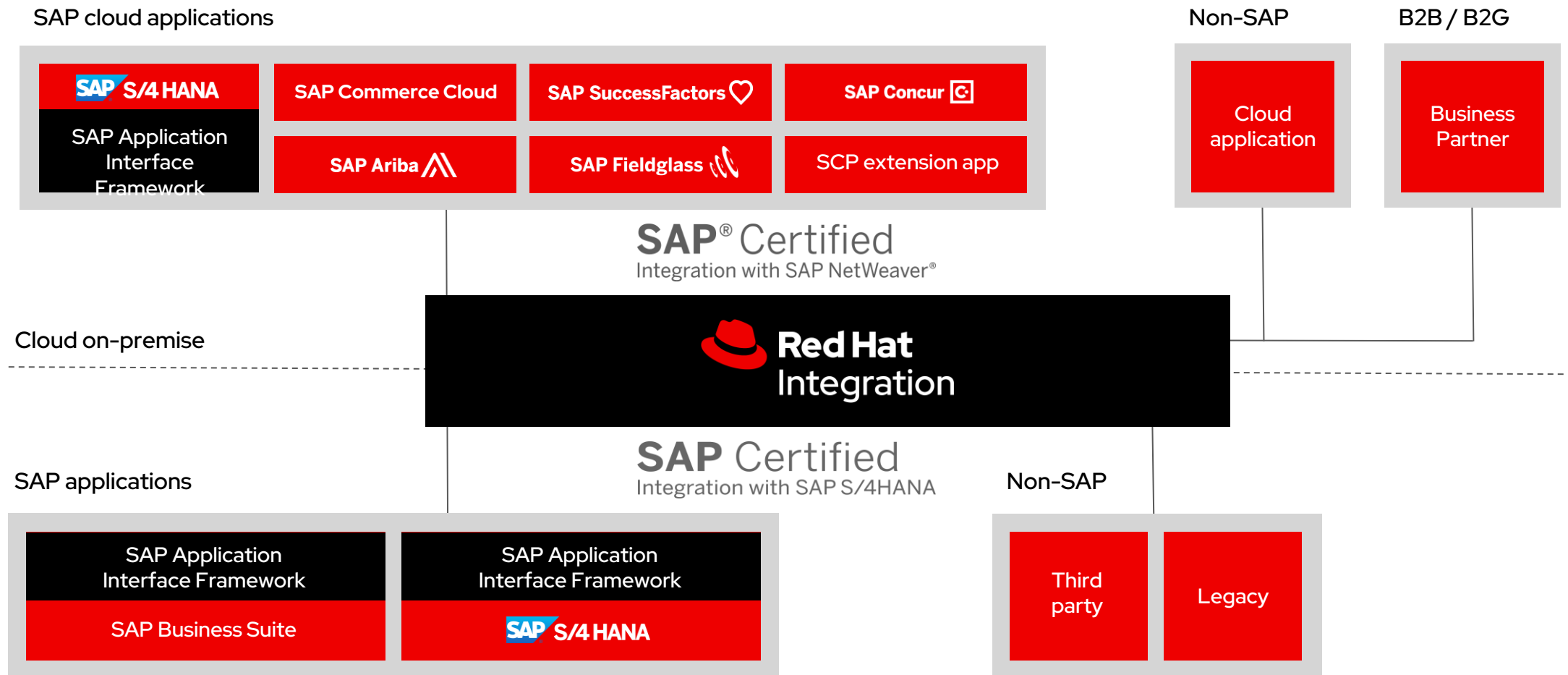


Proven for business leaders

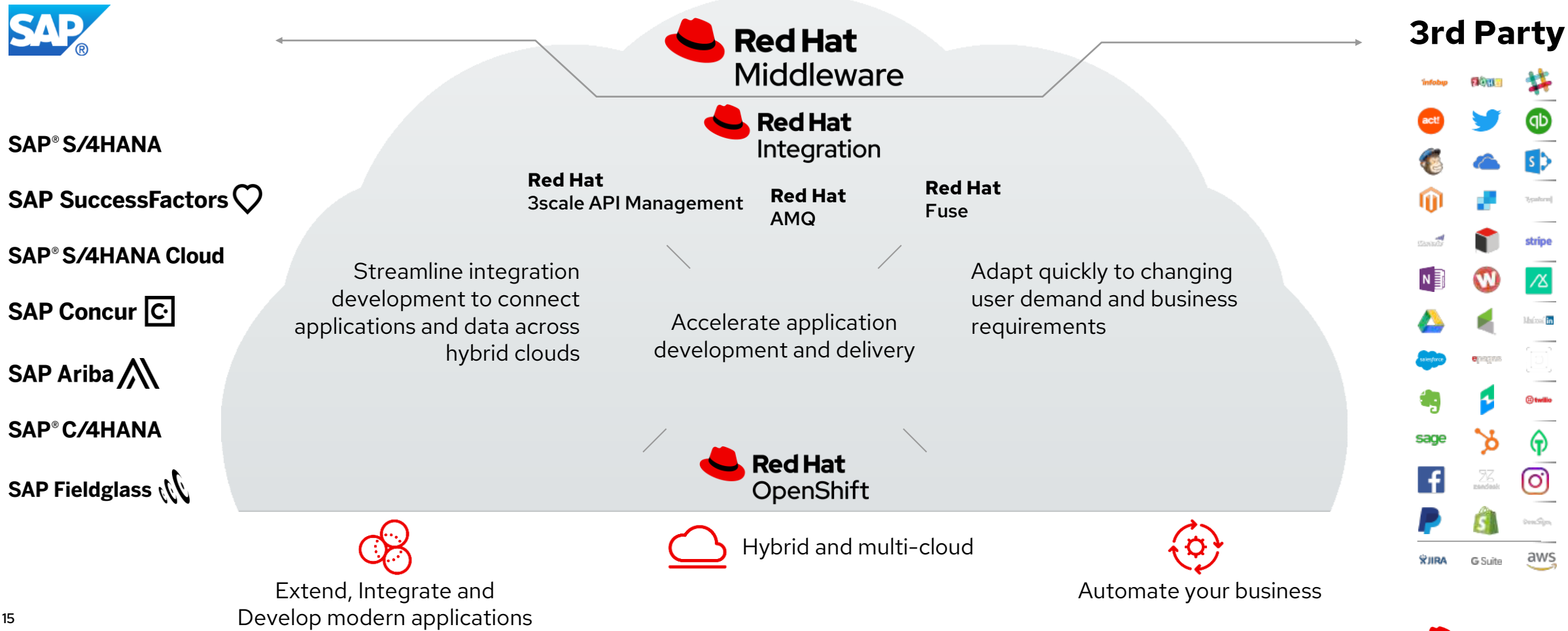
- Choose a platform to power business today.
- Create a cloud strategy for the future.

Cloud-native integration with SAP and non-SAP

Tested with >1,500 OpenSAP APIs



Intelligent Enterprises Are Integrated Enterprises

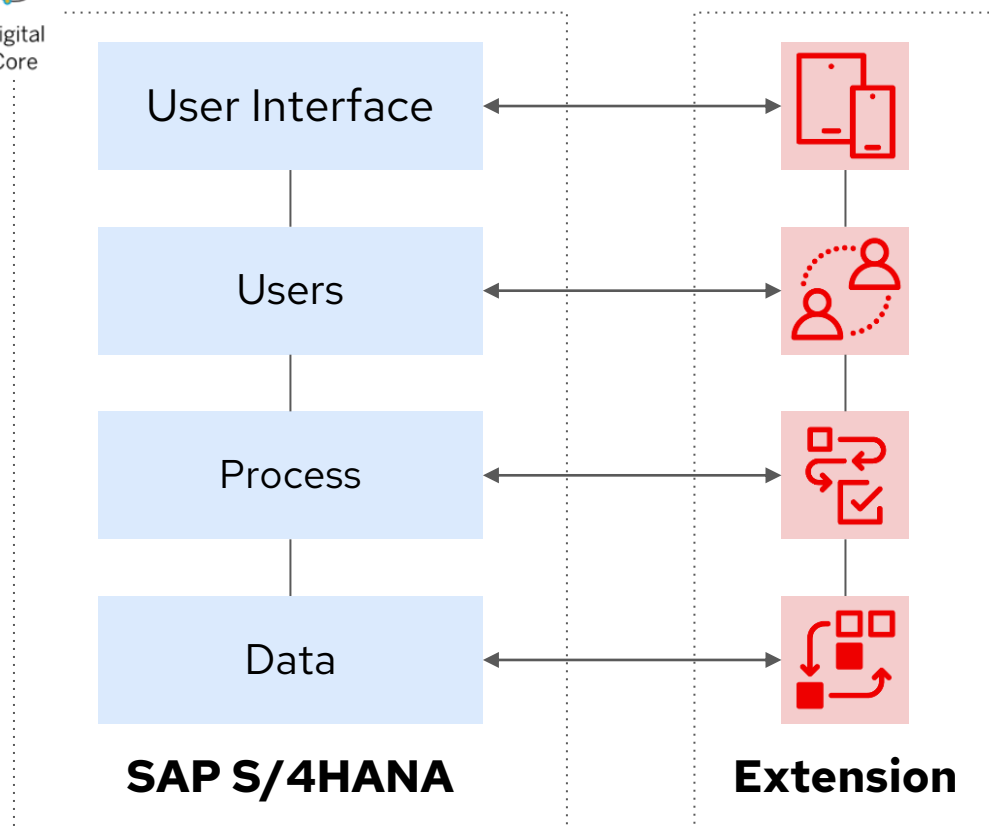


Extensibility Options for SAP S/4HANA



Digital
Core

Business scenarios for side-by-side extensions



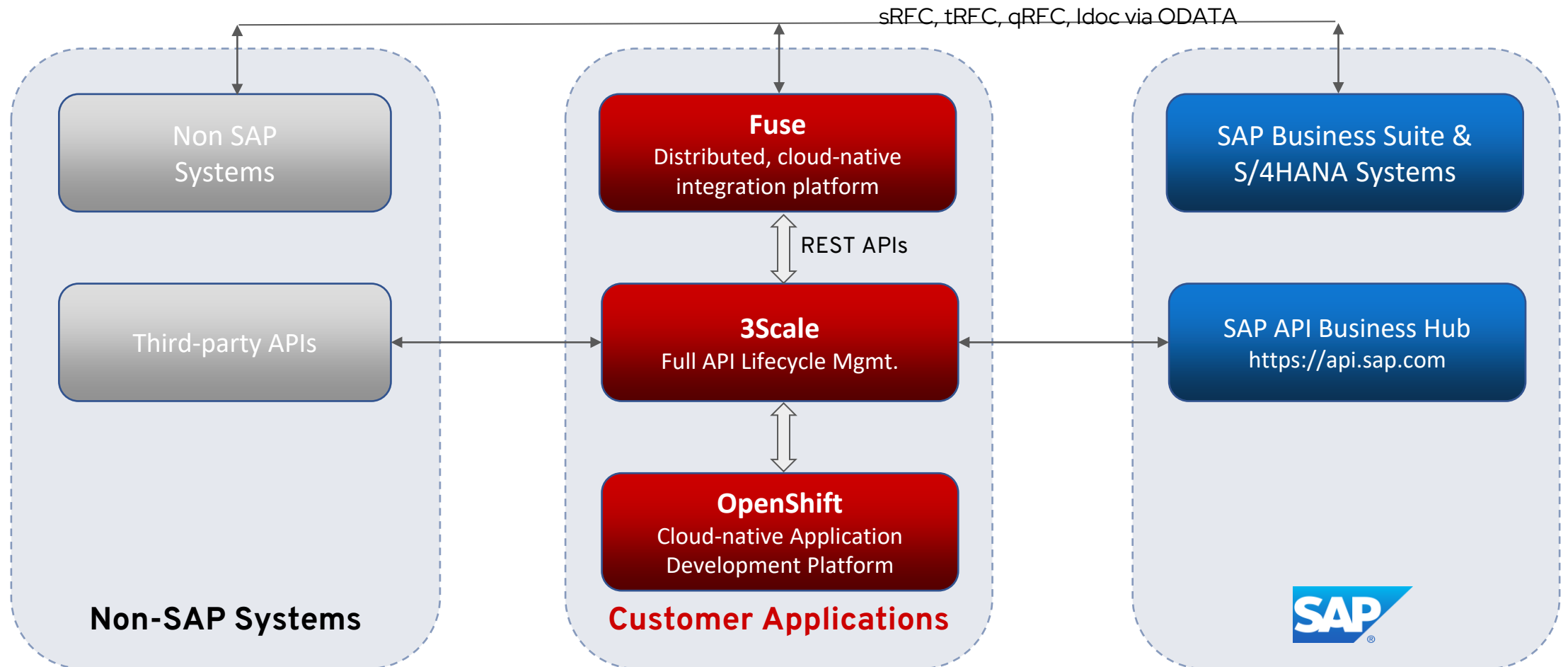
Extend user experience of existing business processes with new or renovated UIs

Extend access to users without access or permissions to original business solution

Extend business process with additional steps for business process optimization or innovation

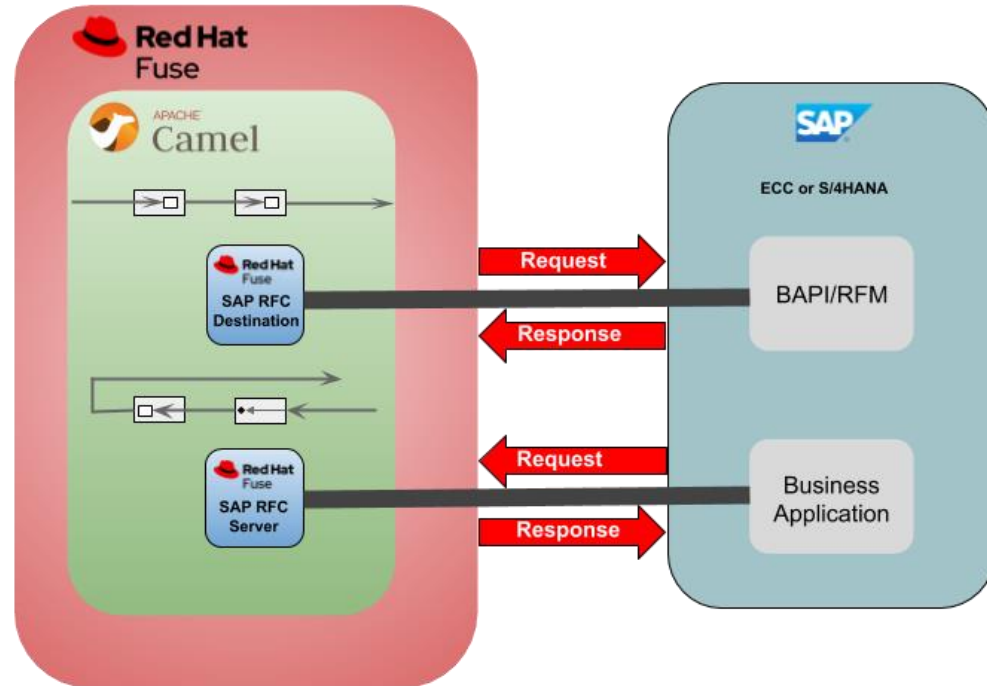
Extend data insight by consolidating and combining data in one central place

Integration Possibilities with Fuse & 3scale



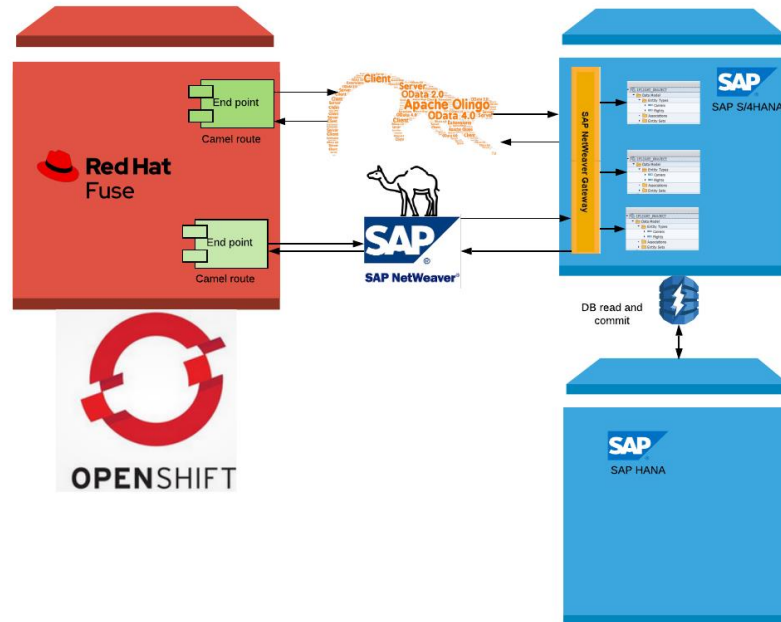
SAP® Certified

Integration with SAP NetWeaver®



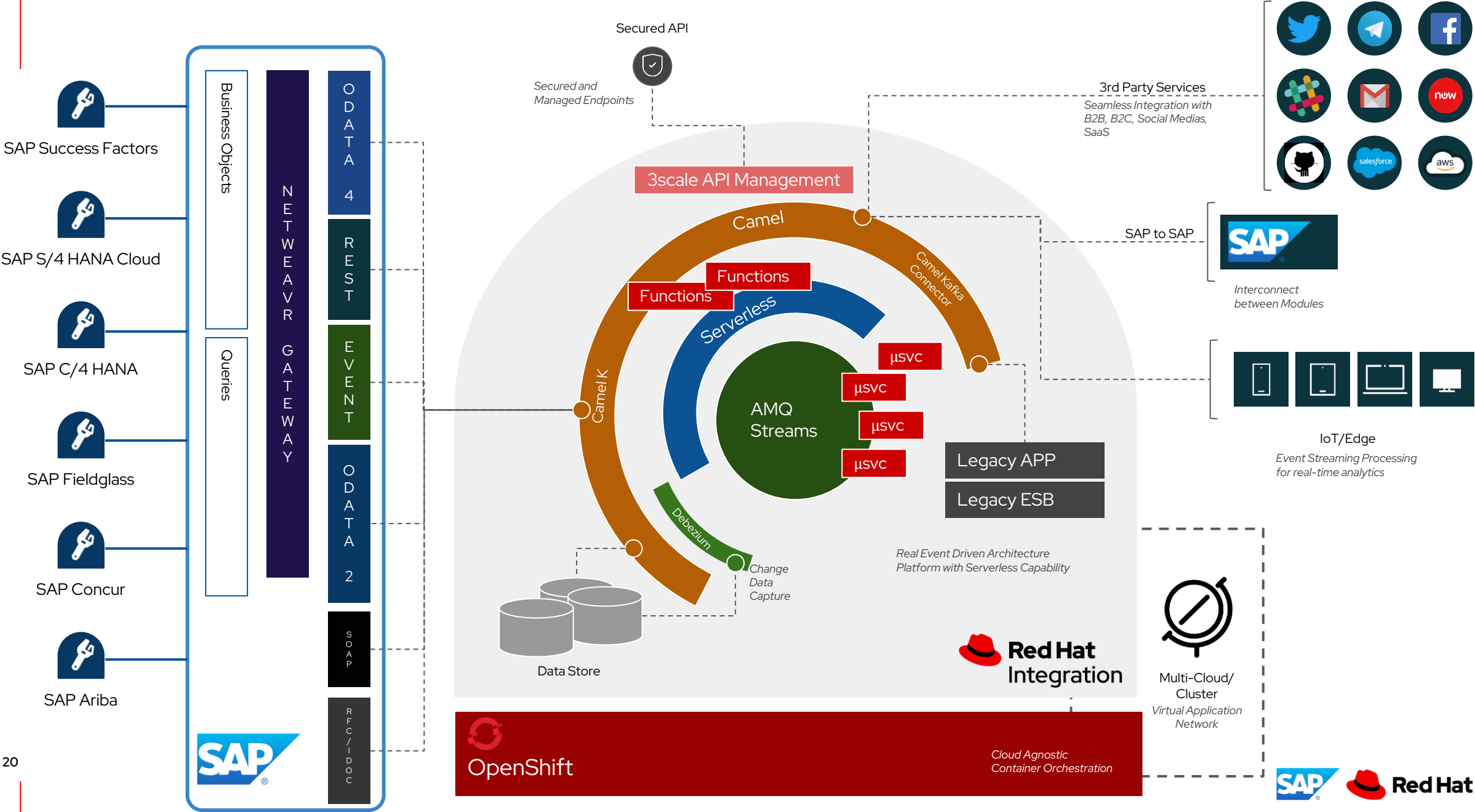
- ▶ Uses Enterprise Integration Patterns (EIP) - Camel Routes (JCo) via camel-sap.
- ▶ Bi-directional communication with SAP (BAPIs and RFCs)
- ▶ Synchronous or Asynchronous
- ▶ Transactional
- ▶ Support for iDoc

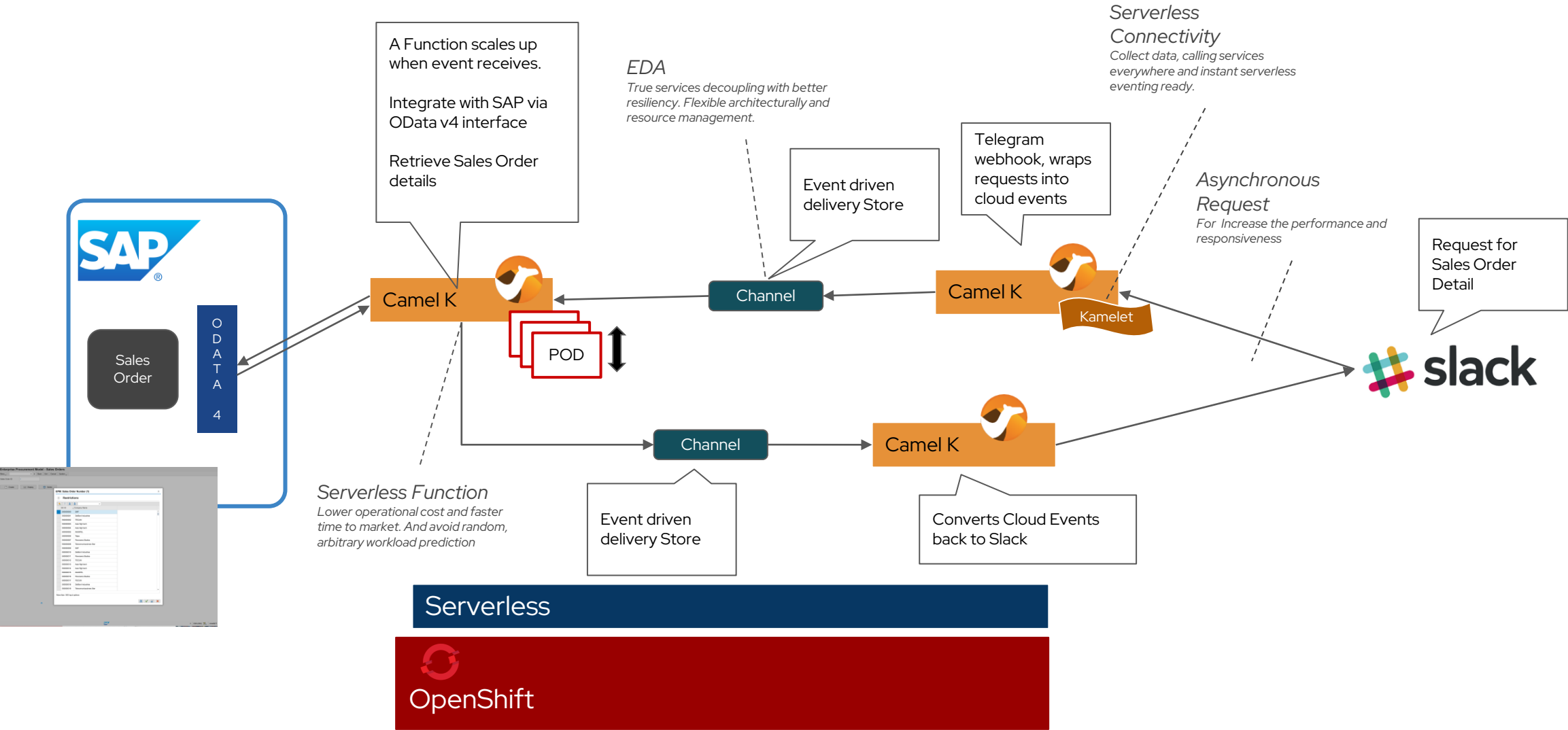
Red Hat Fuse Camel-
SAP component (BAPI
access)

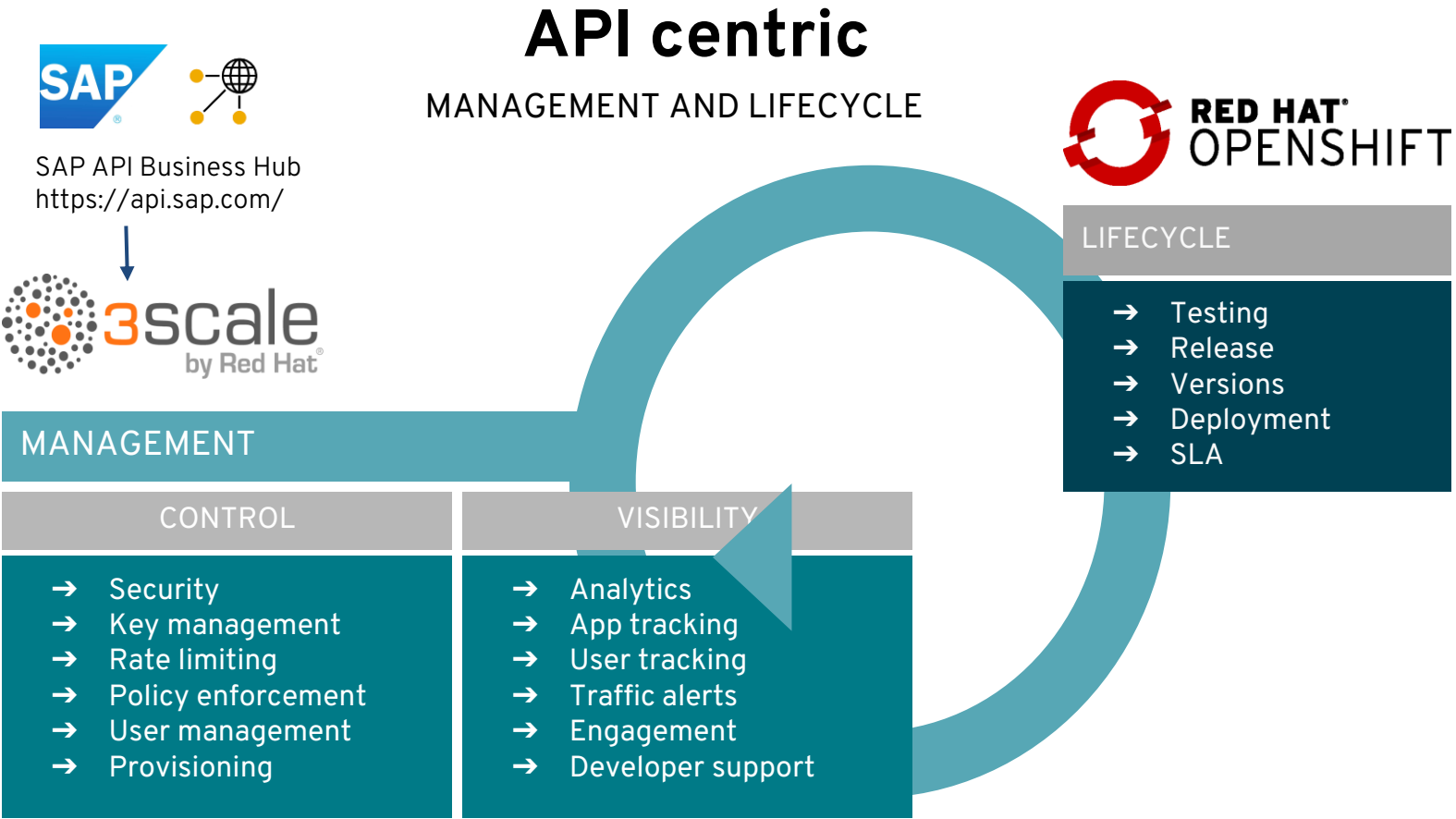


- ▶ SAP dictionary objects can be directly exposed using SAP Netweaver Gateway, SAP ABAP Dictionary, or from OData endpoints
- ▶ 3 components of Camel can consume data using OData
 - Camel-olingo2
 - Camel-olingo4
 - Camel-Netweaver

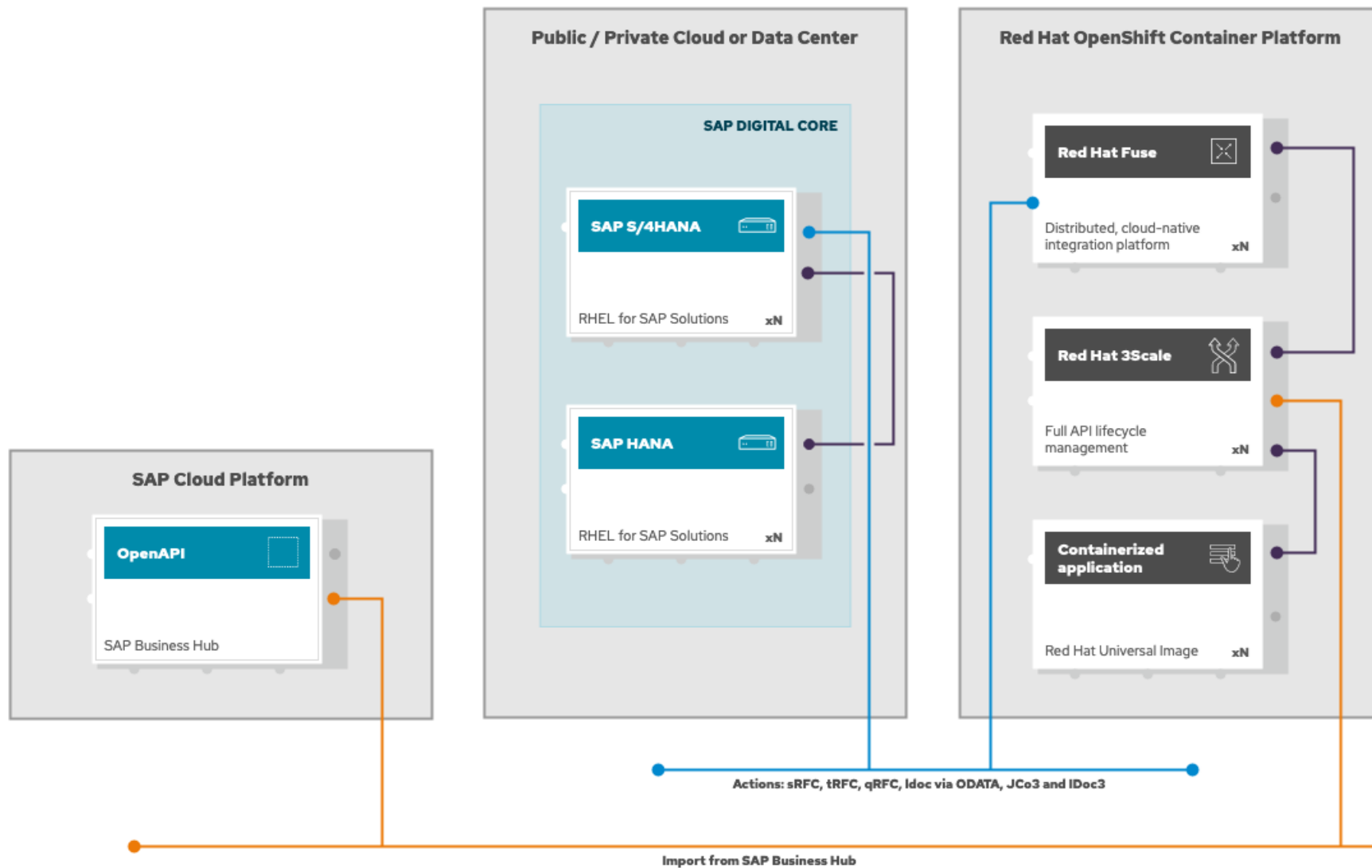
Red Hat Fuse
Camel-Netweaver
Camel-olingo2
Camel-olingo4 components
(OData access)





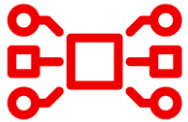


Red Hat 3scale for API
management and
lifecycle



Digital platform adoption

Keep your core clean and digitally transform your company
towards an Intelligent Enterprise infrastructure

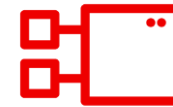


API management

Manage SAP APIs and company APIs together from a single point and enrich those with extra capabilities for availability, security or monetary



Cloud-native development



Cloud-native integration



Hybrid cloud

Modernize your applications by connecting SAP and new cloud applications.

Thank you

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Red Hat a trusted adviser to the Fortune 500.

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