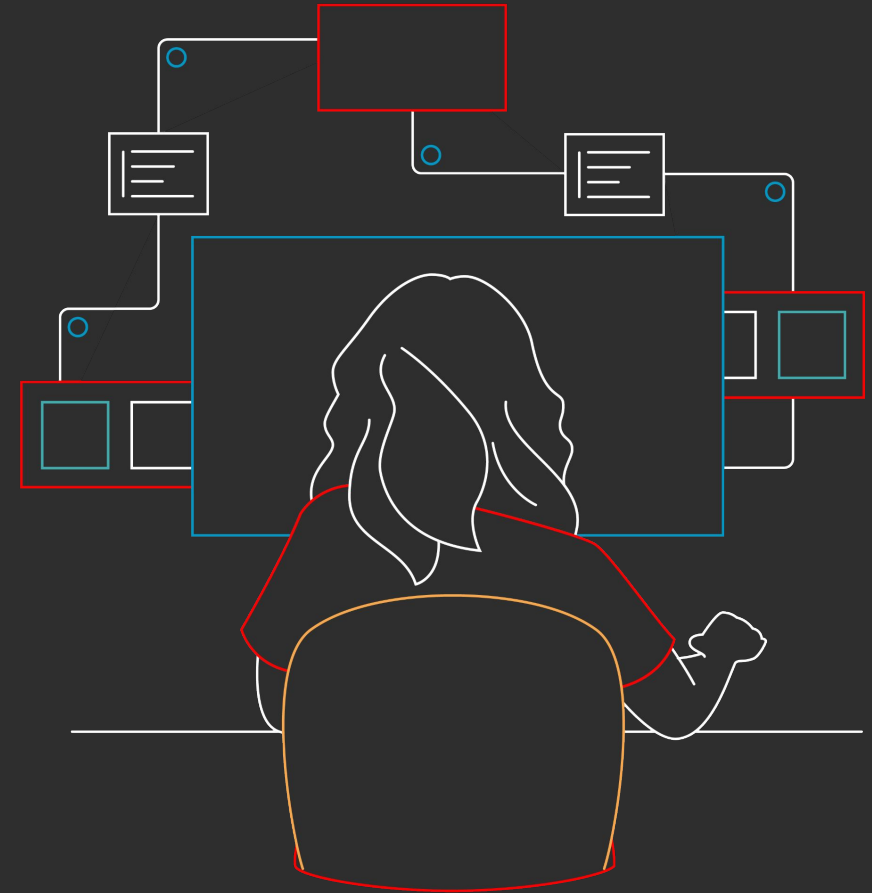


Red Hat & SAP

Lunch Table

Peter Körner

Business Development Manager
Open Hybrid Cloud SAP Solutions
pkoerner@redhat.com
[@pkoerner81929](https://twitter.com/pkoerner81929)





22+ years ...

... of joint innovation & collaboration



Leaders...

... in Enterprise Linux / Business Applications



>90% ...

... of Fortune 500 rely on Red Hat / SAP technology

Red Hat & SAP



PARTNERSHIP

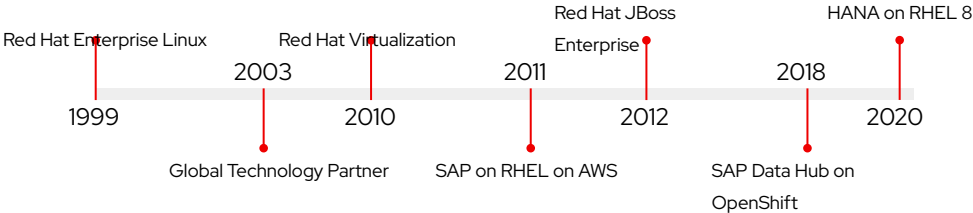


1st LINUX FOR SAP

SAP Venture Invested 1999
Accelerated Linux Success

23 YEAR PARTNERSHIP

Open-Source base for many
SAP Solutions & Innovations



CUSTOMERS

MORE THAN

420

FORTUNE 500

MORE THAN

+30%

NEW CUSTOMERS / YEAR



E2E INFRASTRUCTURE

Matching SAP's Technical Pillars of the
Intelligent Enterprise



SAP Data Intelligence
on Red Hat OpenShift



Integration

Cloud Native

Intelligence

Next-Gen Data

Open Platform

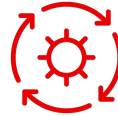
Security

SAP Modernization – it's not a regular update



A looming deadline

You need to adopt Linux OS and move to SAP S/4HANA before 2027.



A need for automation

You want to automate IT to focus more on high value work.



A necessity to modernize applications with a cloud-ready, cloud-first approach

You need to modernize your applications to make sure the SAP digital core is clean.



A drive to innovate

You want to include new, modern, innovative solutions into daily operations, and increase competitiveness with agility.



An urgency to unlock tech dependencies

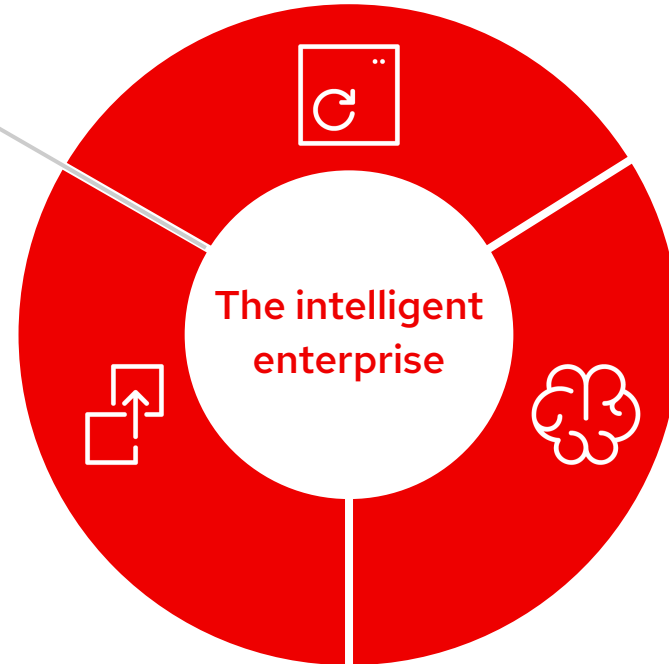
You want to become less dependent on SAP technology / solutions.



An understanding of SAP's innovation roadmap

SAP is endorsing the move to the cloud offering options like SAP S/4HANA Cloud or SAP RISE

A necessity to modernize SAP applications



SAP S/4HANA migration
demands **Linux OS** adoption



SAP digital core drives
application **platform modernization**

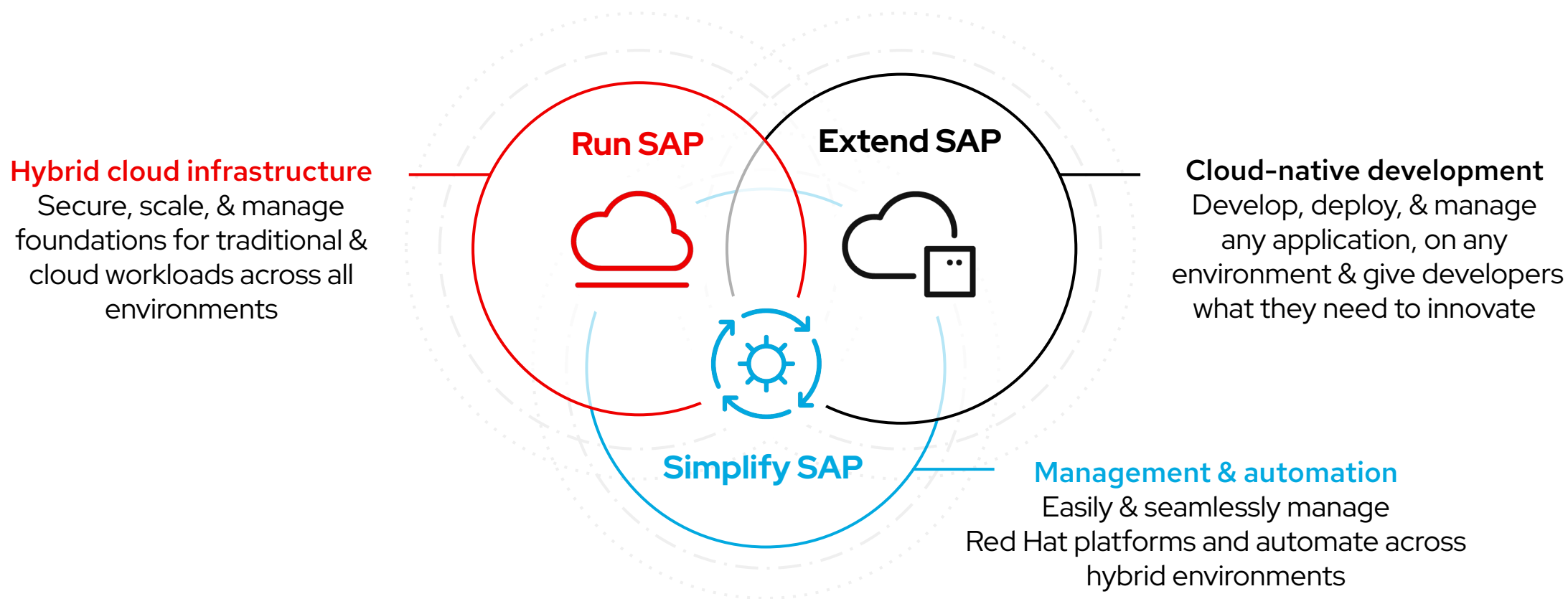


SAP move to microservices
foster **hybrid cloud** deployments

Red Hat's three corporate pillars align with SAP

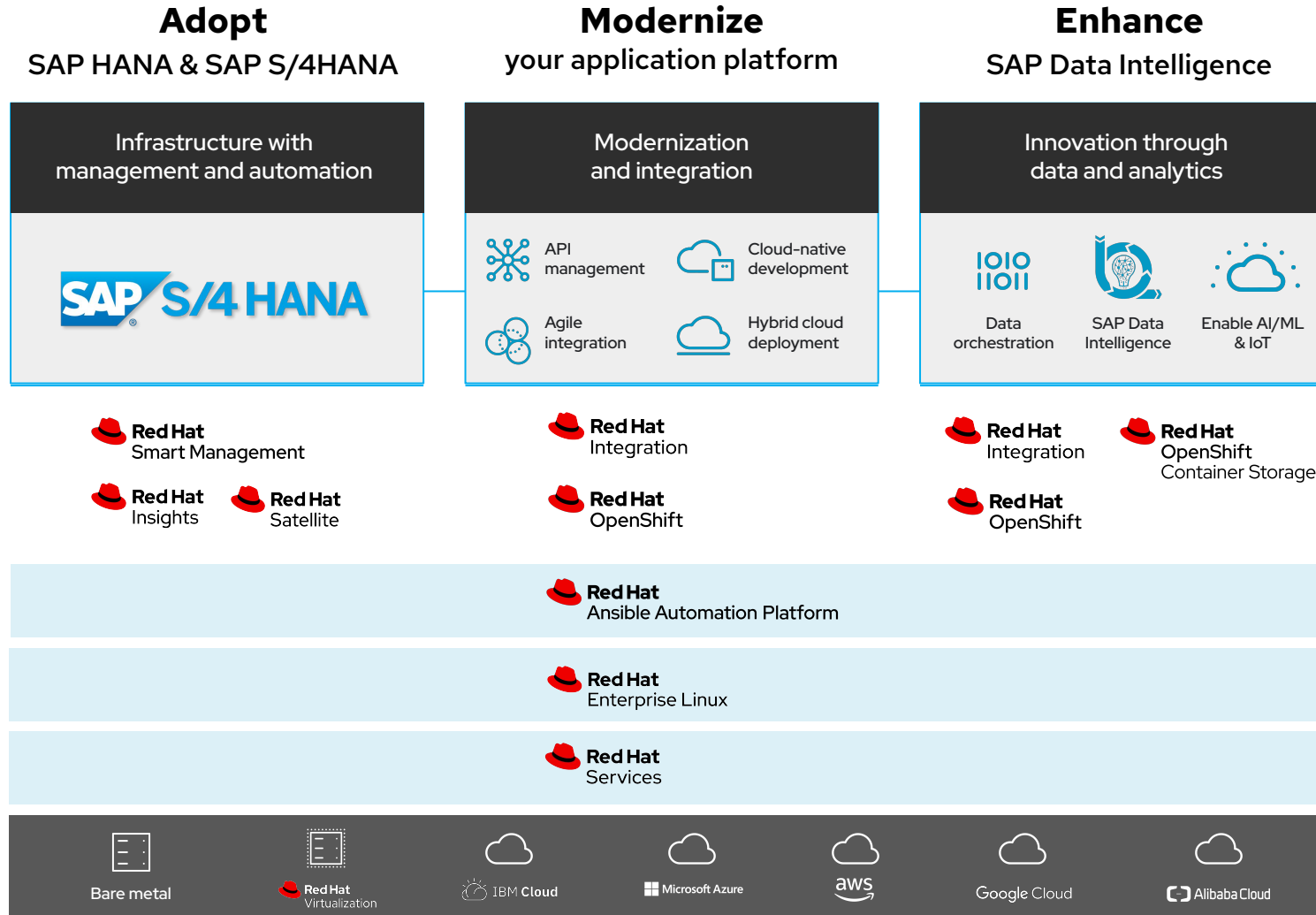
Open hybrid cloud

Red Hat's strategy and vision for its portfolio of software, tools, and services built in the open source development model and designed for future architectures that are open, secure, and agile across hybrid, multi cloud.



Red Hat for SAP. Open. For business.

End2End | Integrated, flexible & modular | Future ready | All Open Source | Lowest TCO | No vendor lock-in | For SAP & Non-SAP!

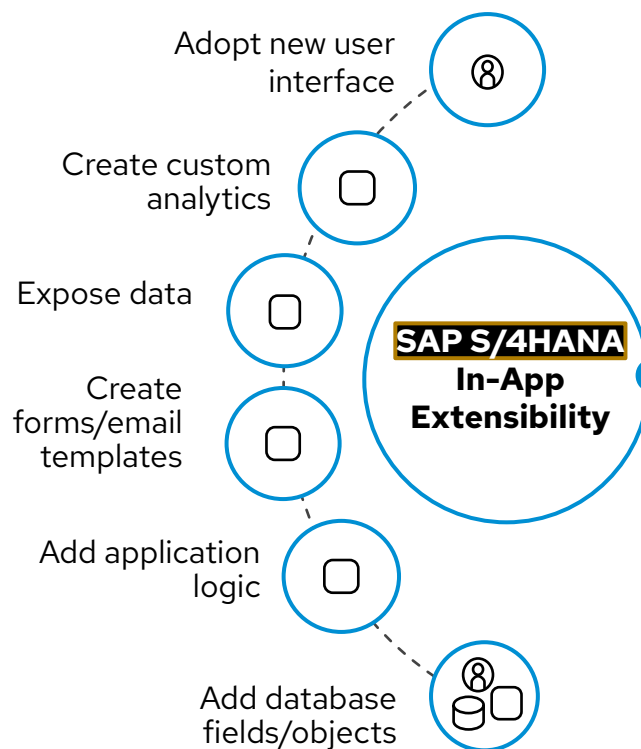


Open source solutions to run, simplify, and extend SAP environments

Keep the core clean!

S/4HANA Extensibility Through Modern Cloud-Enabled DevOps Solutions

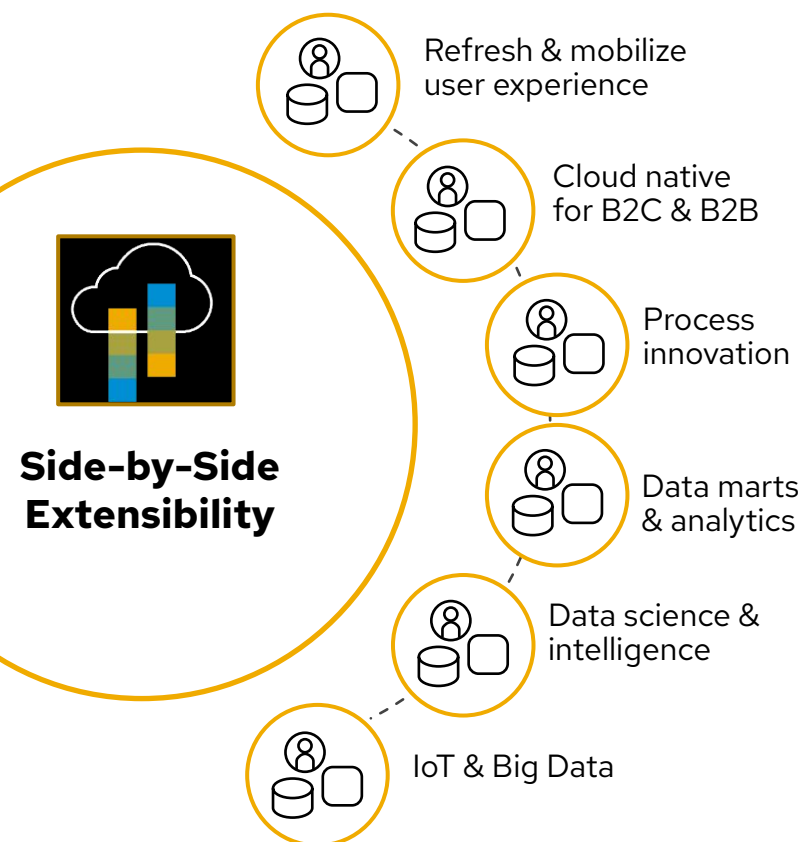
Classic Extensions



Integration

User Interface
Rules / Workflow
Process / Events
Data Replication

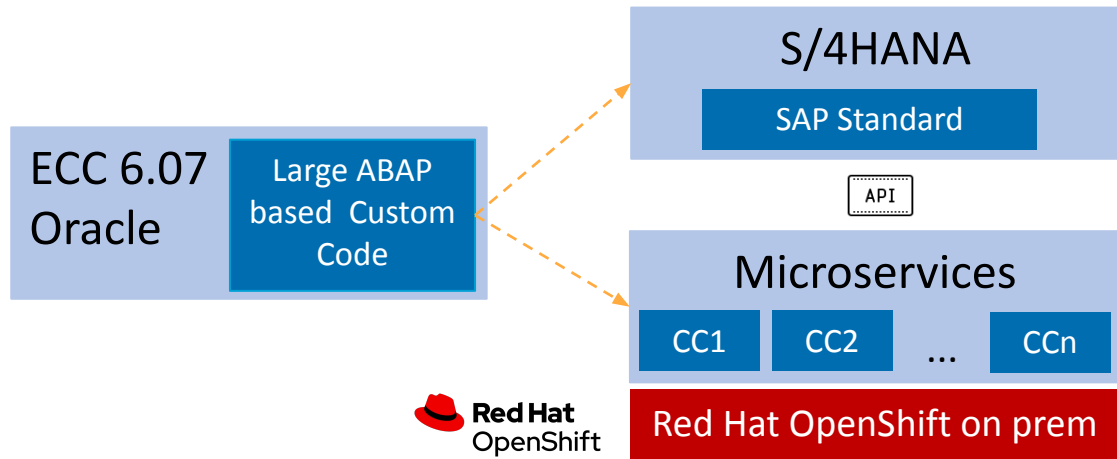
Modern Extensions



User Interface Layer ○ Application Layer □ Database Layer ▩

Case study: Automotive OEM Order to Delivery

Replacing a Monolithic Application with Microservices – from ABAP to OpenShift



The Challenge

- Strategic, customer-specific business processes not supported by S/4HANA
- **Strategic business processes to be extracted and converted to Microservices**
- **Cluster, decouple and migrate** customizations to S/4HANA & HANA
- Optimization with existing Security Requirements

Solution & Results

- *Identification, Mapping, Packaging and Migration of Business Functions* to SAP S/4HANA & HANA, enabling & Optimization
- **70% less code, 95% less dependencies, 99% less security issues**
- Provision of a **microservice infrastructure for highly scalable, platform-independent business processes**
- Develop/Generate and deploy interfaces between Microservice and S/4HANA
- Deployed on Red Hat OpenShift to be flexible globally  **Red Hat**

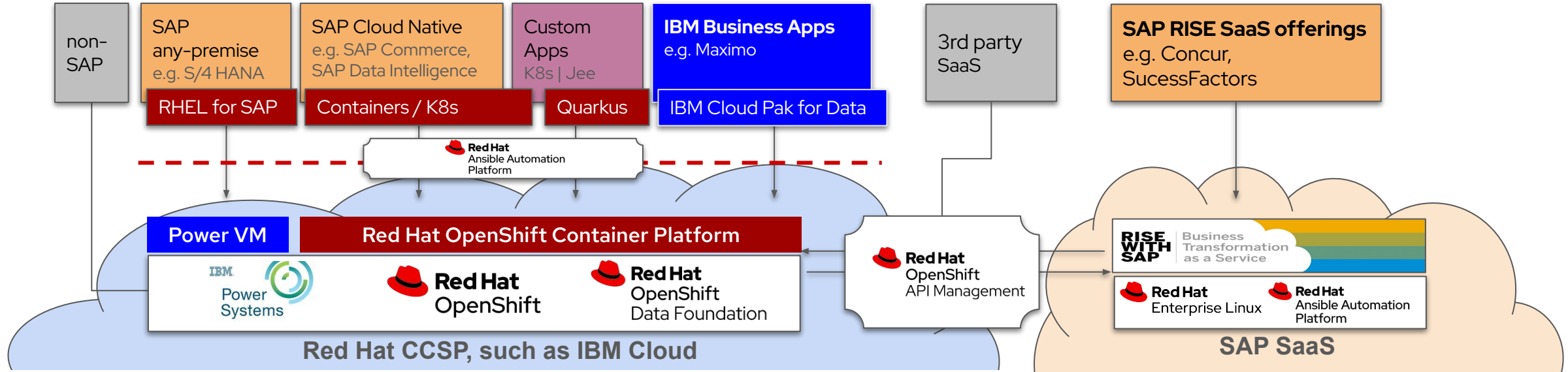
Custom Code Remediation Example	Traditional Approach	Intelligent Automation	Benefit
 Development Hours	24,000 Hours	0 Hours	100% Reduction
 Project Timeline	8 Months	3-6 Weeks	4X Faster
 Testing Effort	12 Weeks	2-3 Weeks	75% reduction
 Issue Coverage	30-70%	100%	Future-Proof

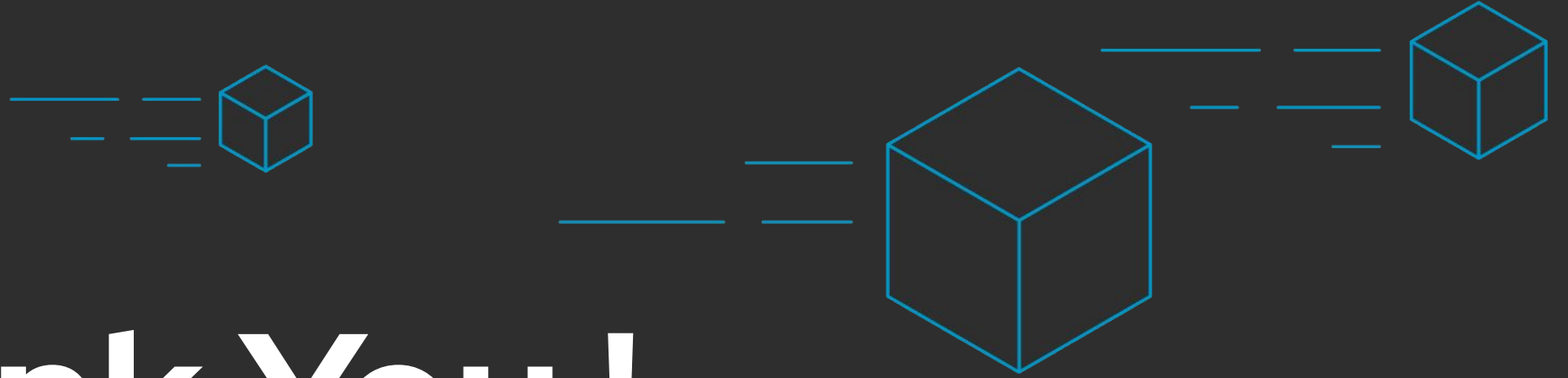


Future Ready Hybrid Cloud Infrastructure for SAP

Red Hat vision for true workload mobility for SAP and non-SAP workloads

- Support of IBM Cloud and other hyperscalers, on-prem or in hybrid cloud deployments
- Common IT management layer for SAP, non-SAP and customer developments
- Integrated with IBM Cloud Paks and IBM business applications, e.g. IBM Maximo





Thank You !



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<https://youtube.com/user/RedHatVideos>



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