WHY RED HAT AND SAP BETTER TOGETHER

From solid platform to fully cloud-native solution

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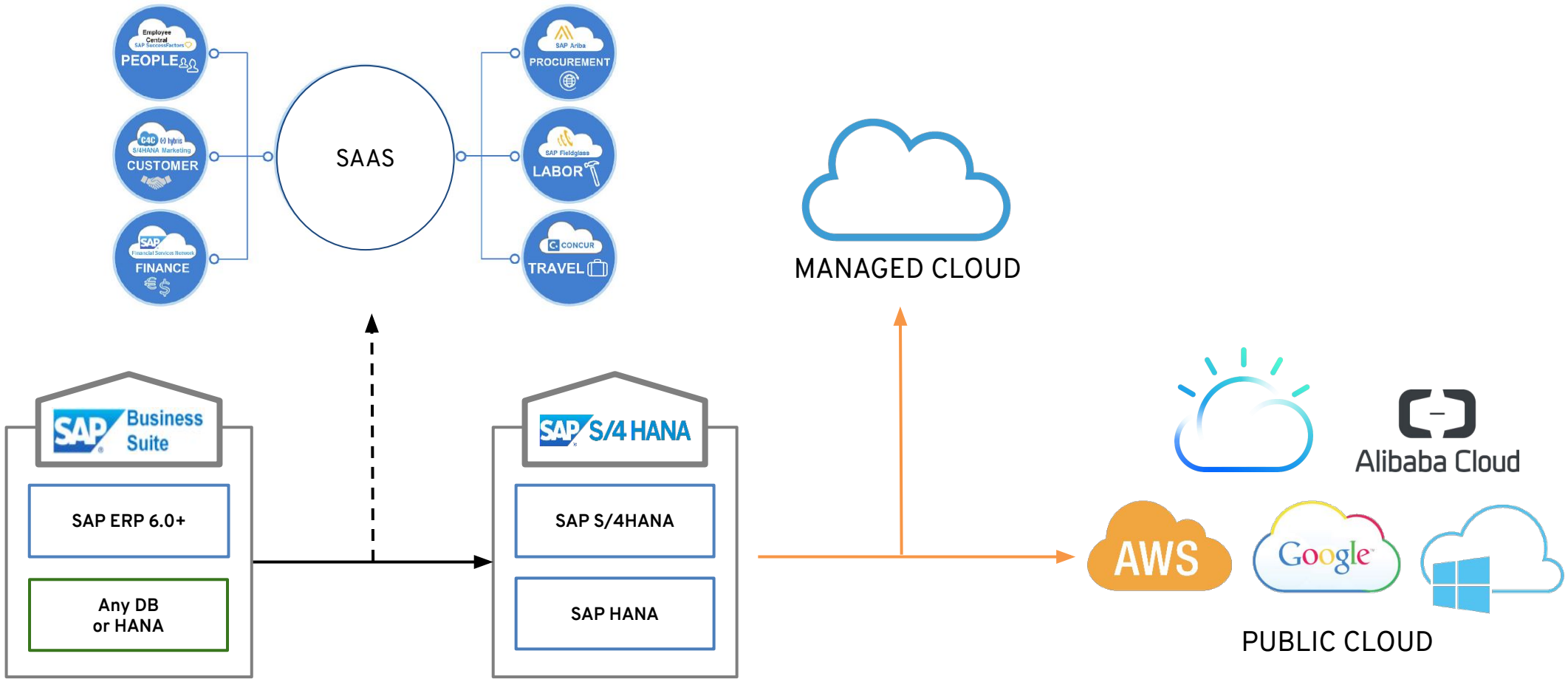
100% OF SAP CUSTOMERS WILL BE HYBRID BY 2025

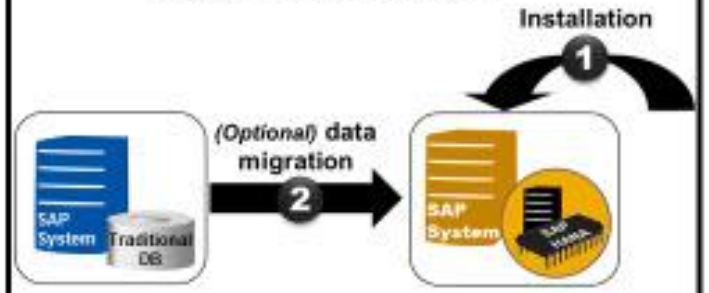
What Will Happen To SAP ERP? - In Open, Hybrid, Multi-Cloud Environments



RED HAT ENTERPRISE LINUX FOR SAP SOLUTIONS

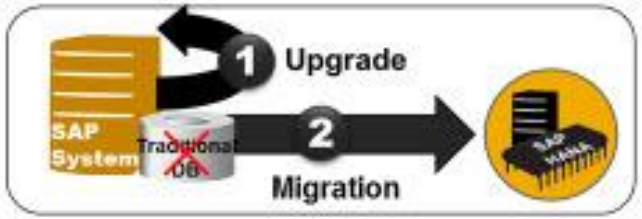
MIGRATION OPTIONS OF SAP SYSTEMS TO SAP HANA

Option 1
New installation



- You install new system on SAP HANA
- Either without changing existing solutions (greenfield)
- Or for **transforming** existing solution to SAP HANA by performing (selective) data migration

Option 2
Classical migration



- To bring original system on release supported by SAP HANA, you perform update/upgrade (if required)
- Then, you classically migrate your traditional database to SAP HANA

Option 3
One-step upgrade and migration with DMO of SUM

- You use database migration option (DMO) of SUM that combines upgrade and database migration in one step
- One process, one tool, one documentation, one downtime

SAP ON RHEL ON CLOUD CERTIFICATION PROCESS

Every new RHEL release follows this process to become available on Cloud Provider's marketplace

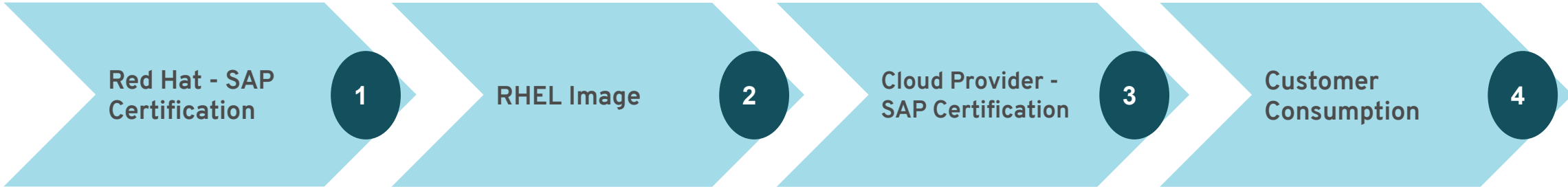
Red Hat works with SAP to certify the particular version

- NetWeaver or S/4 certification for major releases
- HANA certification for minor releases

Once certified by SAP or in parallel, the RHEL image is made available to the Cloud Provider

Cloud Provider works with SAP to certify the new RHEL version for target instance types

Customers can start using the new RHEL version on the Cloud Provider's platform



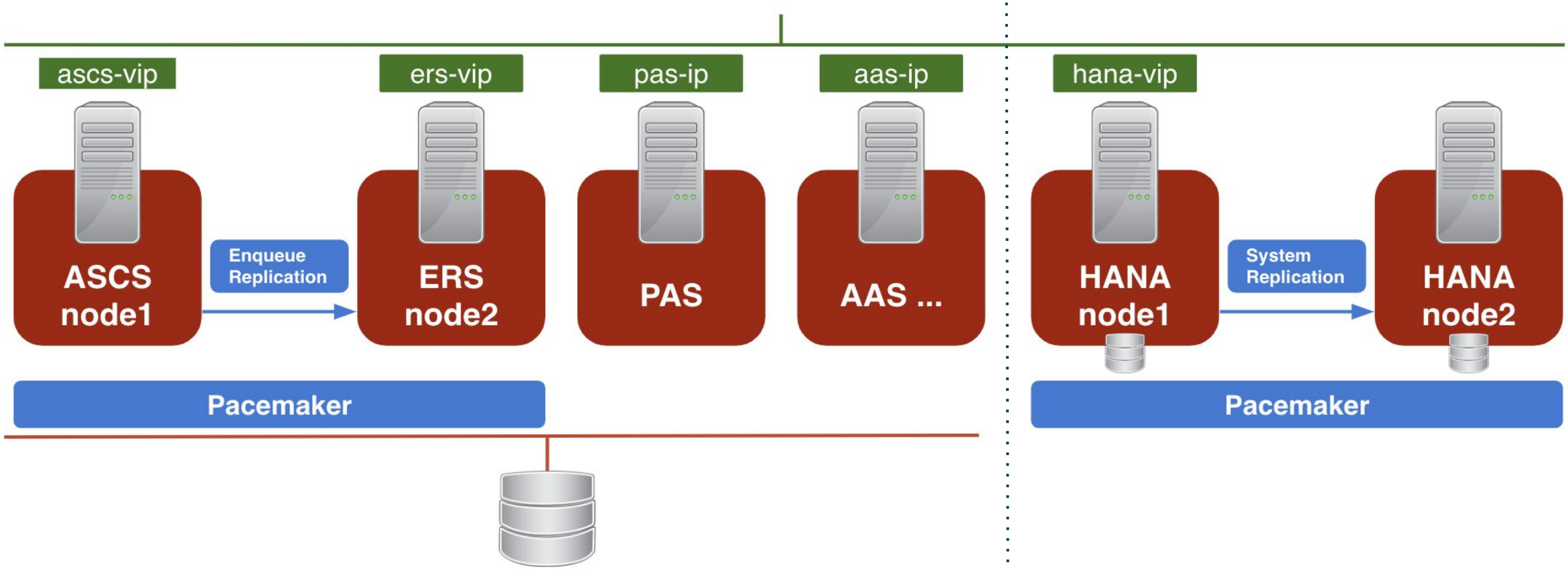
SUBSCRIPTION MODELS

- **PAYG** - Pay As You Go - on the marketplace of Certified Cloud Partner
  - RHEL for SAP with High Availability and Update Services
- **BYOS** - Bring Your Own Subscriptions via Cloud Access
  - Keep all the benefits of a Red Hat subscription - including the award-winning support
  - RHEL for SAP Solutions

SUBSCRIPTION MODEL - BRING YOUR OWN SUBSCRIPTION BENEFITS

- **Red Hat Cloud Access**
  - https://www.redhat.com/en/technologies/cloud-computing/cloud-access
- RHEL for SAP Solutions
  - High Availability
  - 4 Year Update Services (helps stabilize on one minor release)
  - Smart Management (Satellite Server)
  - Insights: proactive optimization

HIGH AVAILABILITY BENEFIT FOR SAP HANA, NETWEAVER, S/4HANA



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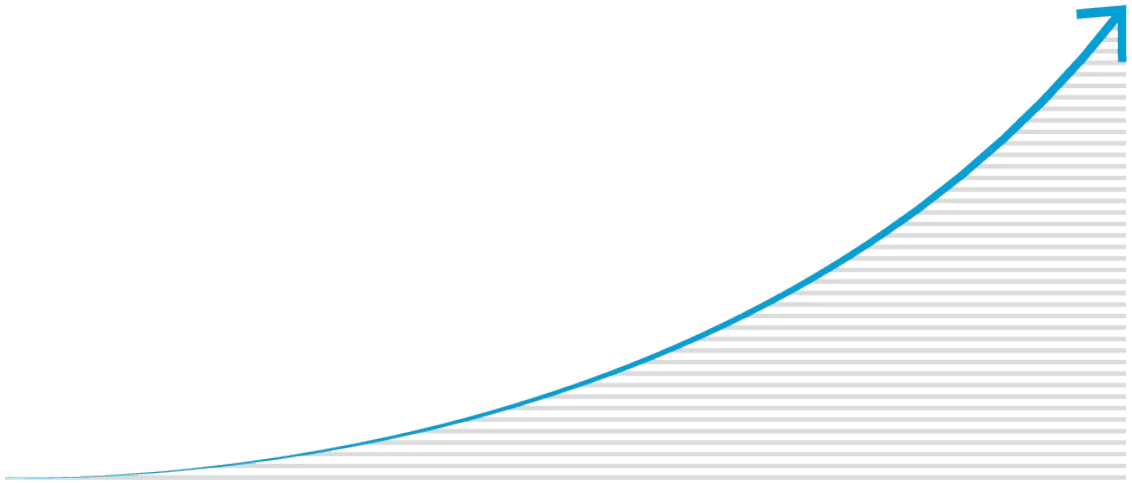
A Track of Record in Innovation together with SAP



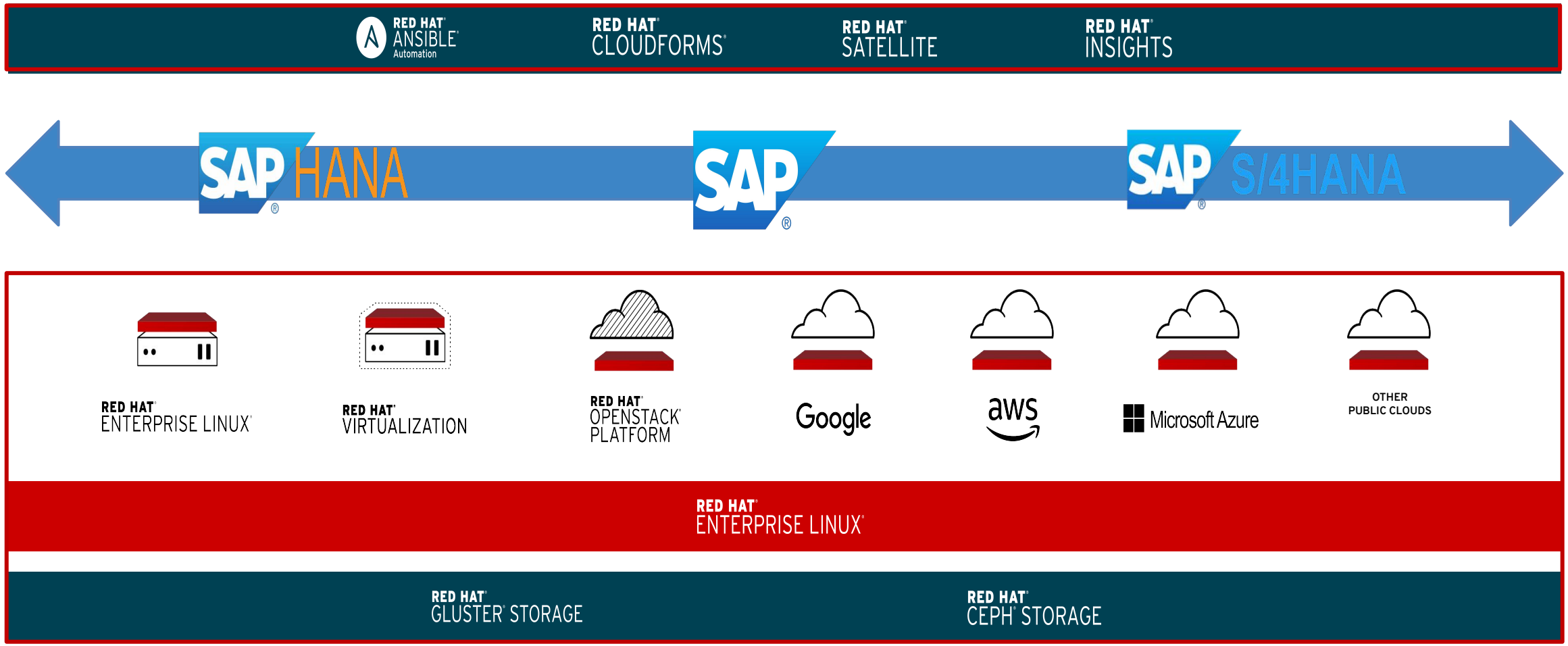
- RED HAT ENTERPRISE LINUX FOR SAP HANA (X86)
- RED HAT ENTERPRISE LINUX FOR SAP APPLICATIONS
- RED HAT VIRTUALIZATION FOR APPLICATIONS (NETWEAVER)

- RED HAT VIRTUALIZATION FOR SAP HANA (DEDICATED/ HASWELL)
- HA (HANA) IN PUBLIC CLOUD FOR MULTI TENANT ENVIRONMENTS
- RED HAT OPENSHIFT SUPPORTED FOR SAP DATAHUB
- RED HAT ENTERPRISE LINUX FOR SAP - DEVELOPER EDITION
- RED HAT ENTERPRISE LINUX FOR SAP SOLUTIONS (X86)
- RED HAT ENTERPRISE LINUX FOR SAP APPLICATIONS
- RED HAT VIRTUALIZATION FOR APPLICATIONS (NETWEAVER)

2017 2018

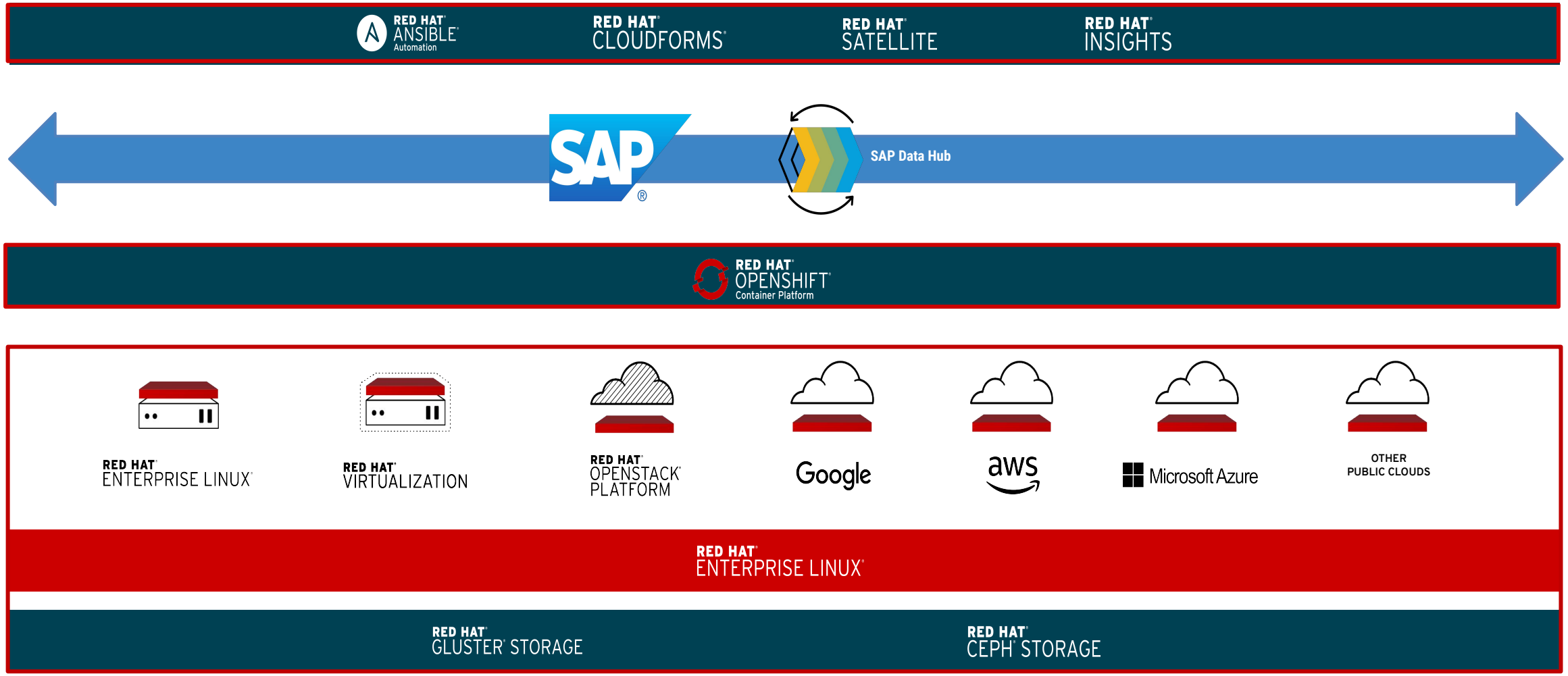
RED HAT AND SAP - AN OPEN HYBRID CLOUD VISION

Consistency, Portability, Security, & Interoperability



SAP AND CONTAINERIZATION IN OPEN HYBRID CLOUD

Consistency, Portability, Security, & Interoperability



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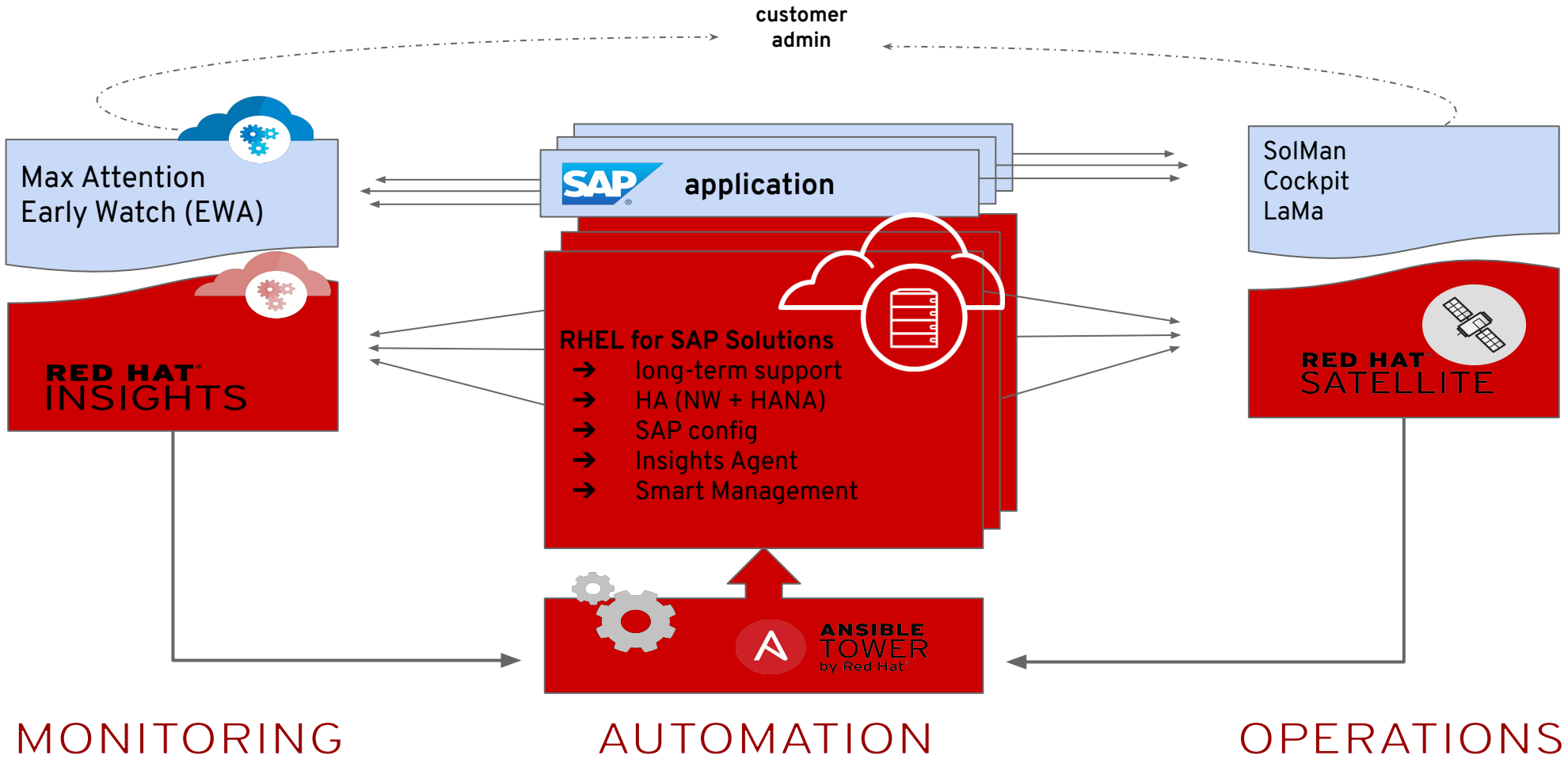
E2E Monitoring, Automation and Operations - Integrated with SAP



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