3 key considerations to drive value from your cloud migration

Introductions

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Avantra, AIOps platform that enables hyperautomation

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Agenda

- SAP in the cloud - what does that mean?
- Technical automation
  - Planned cloud automation
  - Unplanned cloud automation
  - Automation platform and fringe automation
- How Avantra can help

SAP in the cloud

Private Cloud

Various Private Cloud Providers & Managed Service Providers

IaaS

Infrastructure as a Service
Hyperscalers

aws

Azure

Google Cloud

PaaS

Platform as a Service

RISE WITH SAP
Business Transformation as a Service

SAP HANA Enterprise Cloud

SaaS

Software as a Service

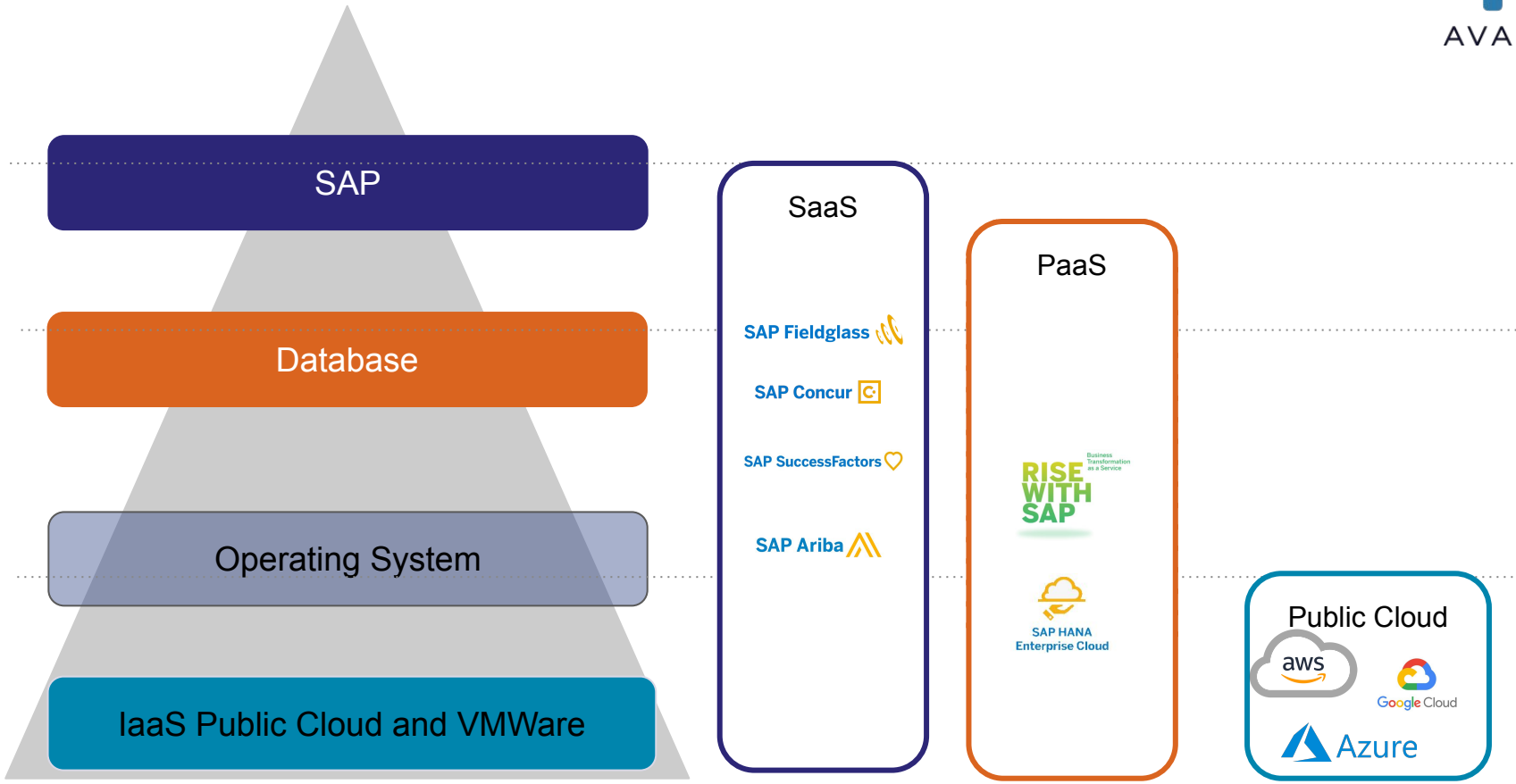
SAP Fieldglass

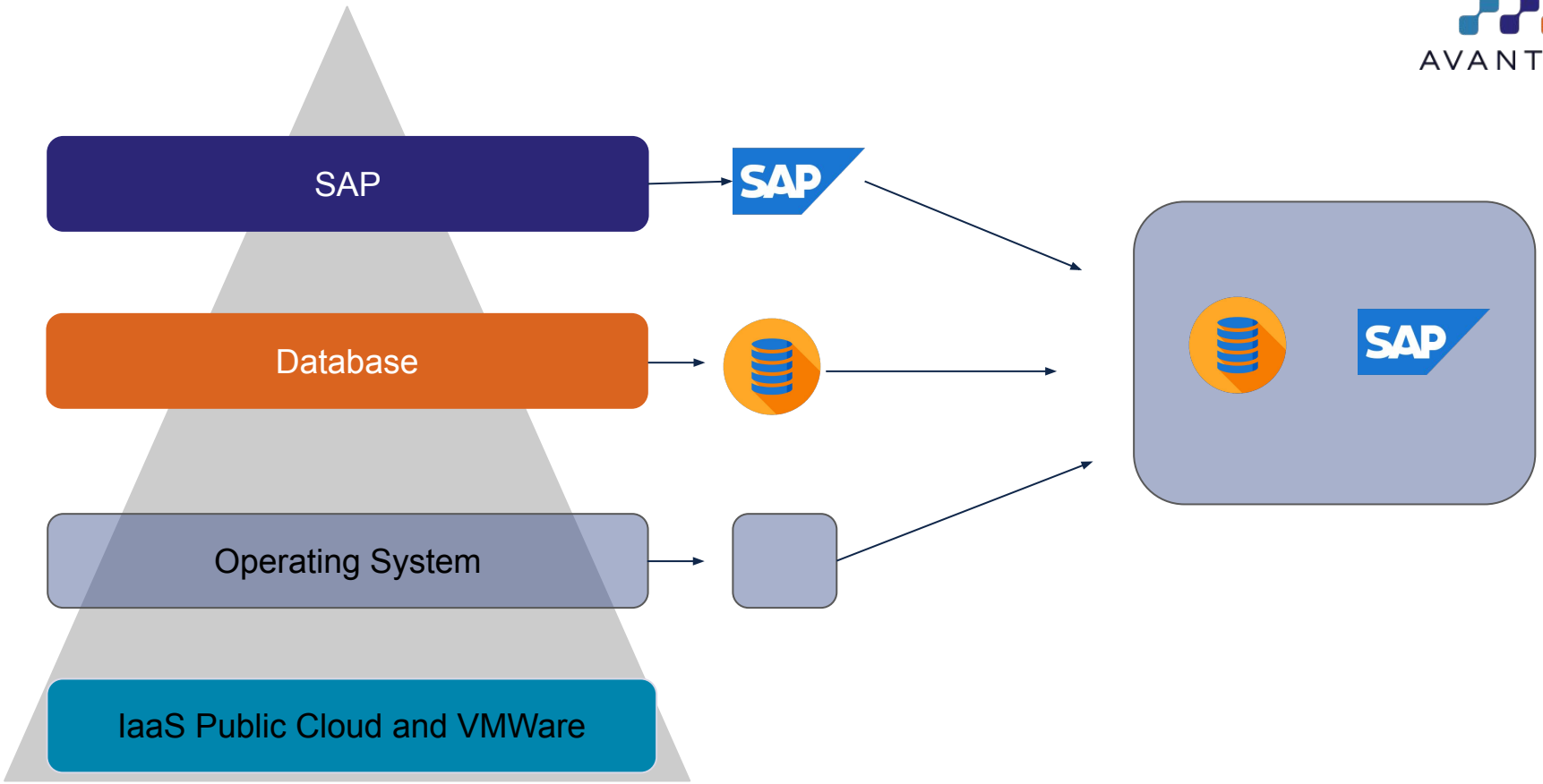
SAP Concur

SAP SuccessFactors

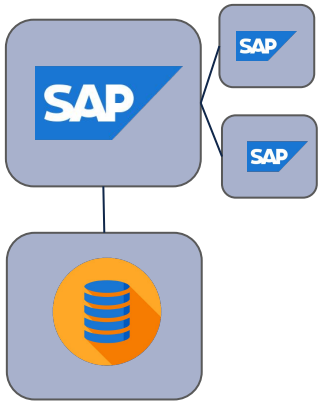
SAP Ariba

Cloud technical stack




SAP
Database
Operating System
IaaS Public Cloud and VMWare
SAP
SAP

Technical SAP architecture



- SAP application and database on different servers
- Addition of application servers (work engines)
- SAP systems get much more complex

Complexity of SAP landscape

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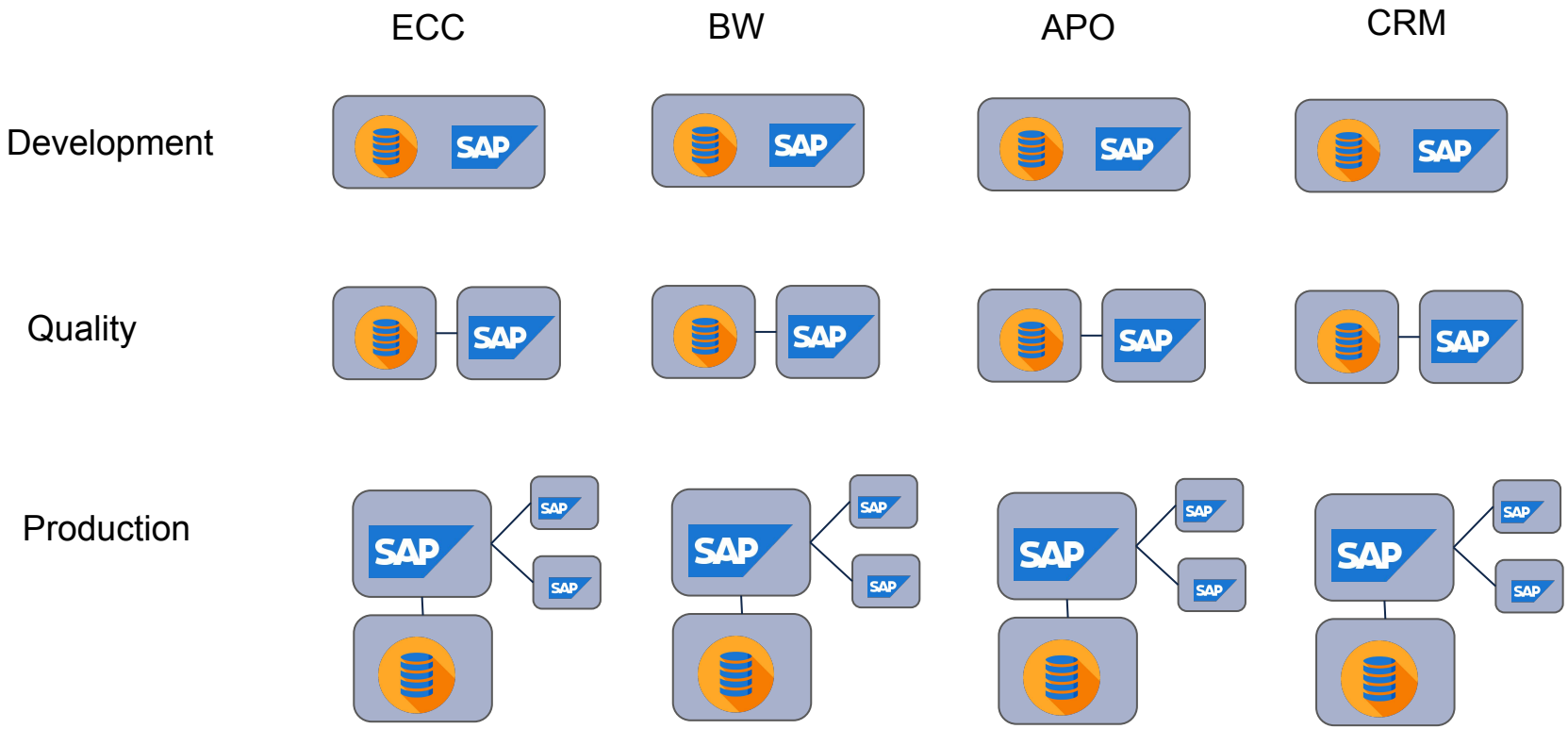
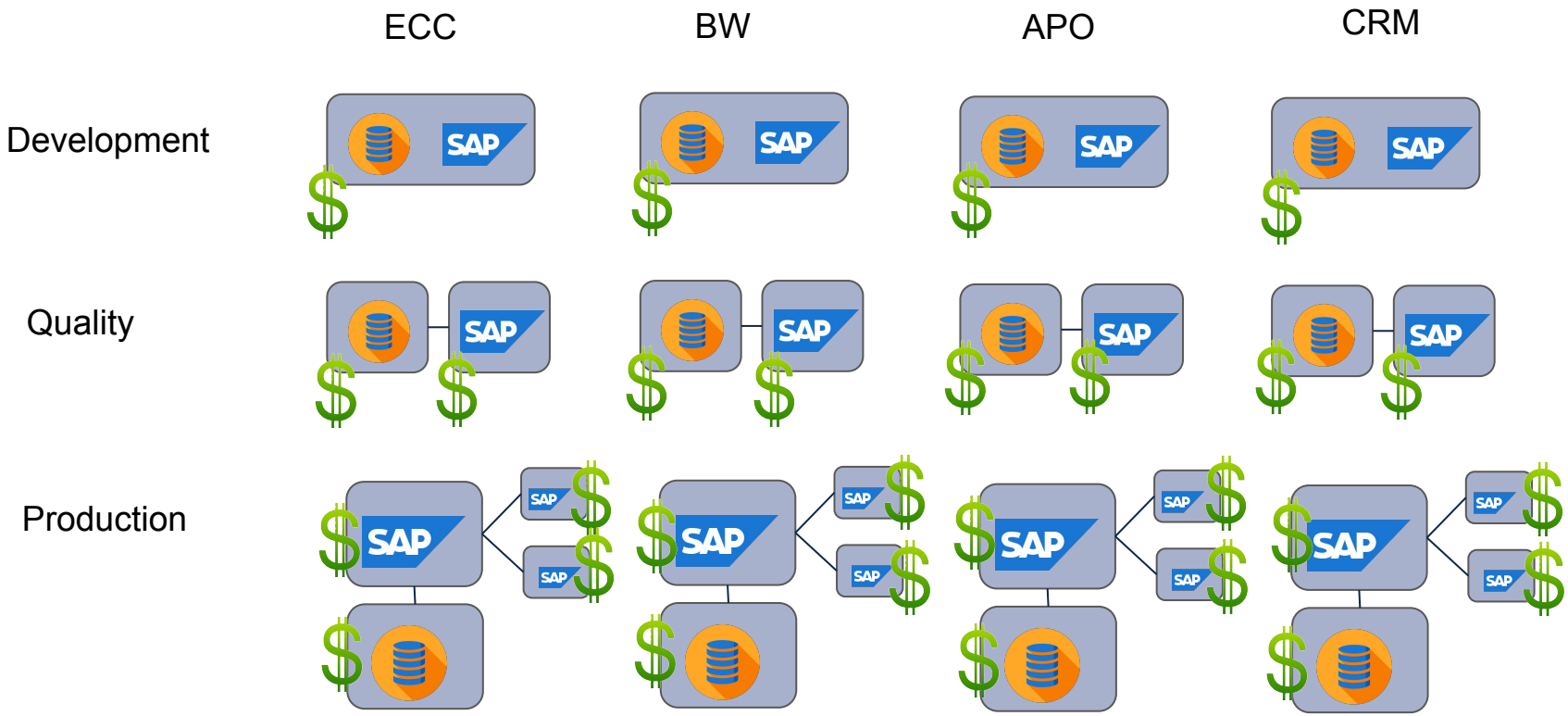


Cloud cost



Cloud cost savings

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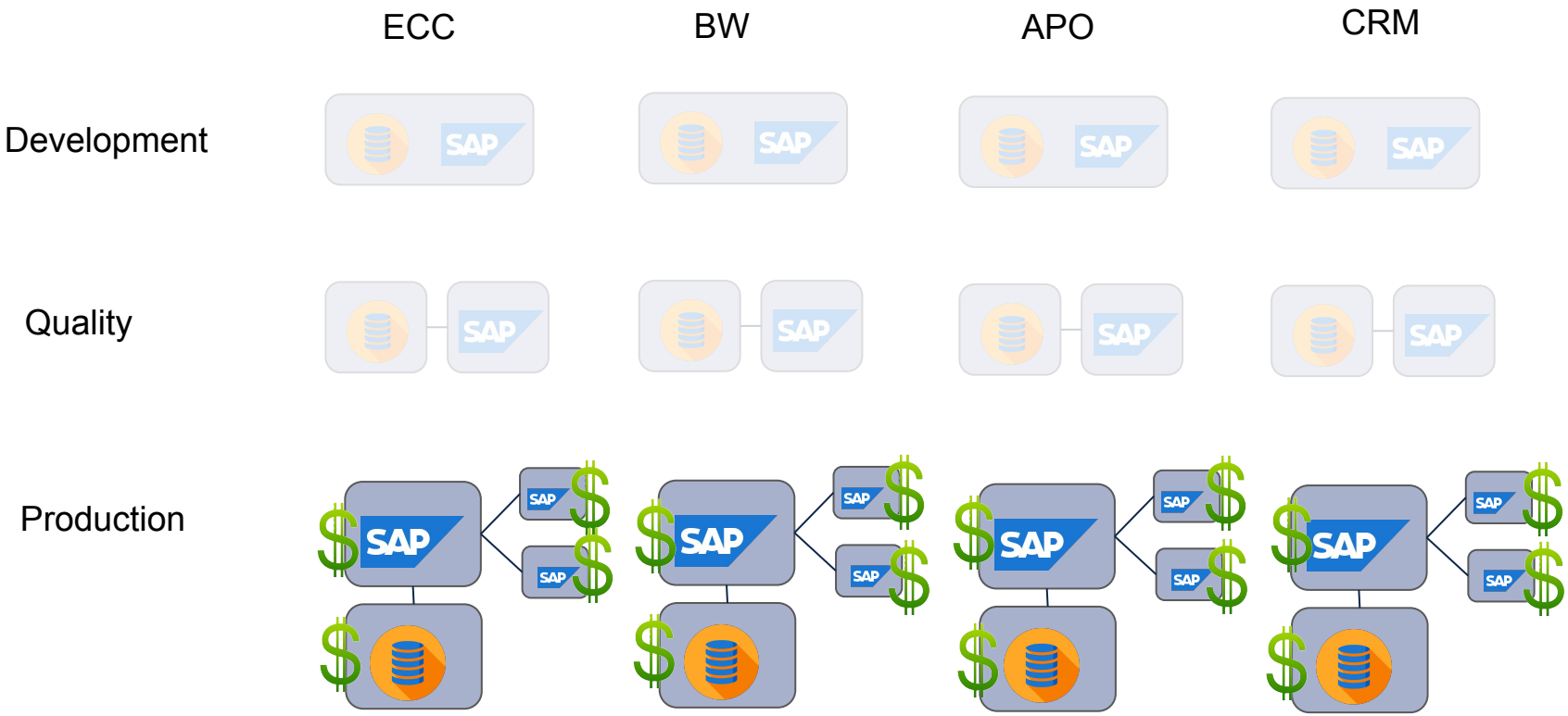

Planned cloud automation

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- Significant cloud savings
- Consistent shutdown / startup processes
- Happy employees – No recurring off hours work
- Sustainability

Unplanned Cloud Automation: Scaling Out

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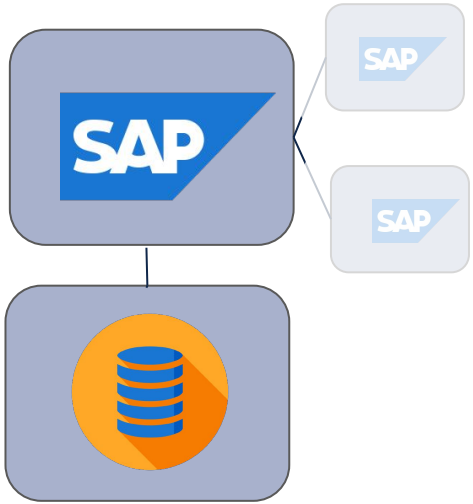


Work Processes

- Little work engines
- Many other SAP based metrics
- Not visible to non-SAP monitoring

Use Cases

- Unknown performance issues
- Busy season
- Month end closing
- Unsure architecture, M&A

Unplanned cloud automation

- Maintain ongoing low cloud costs
- Keep business moving
- Better support life, give the team time to research issues

Automation platform

& fringe automation

Every SAP environment is unique

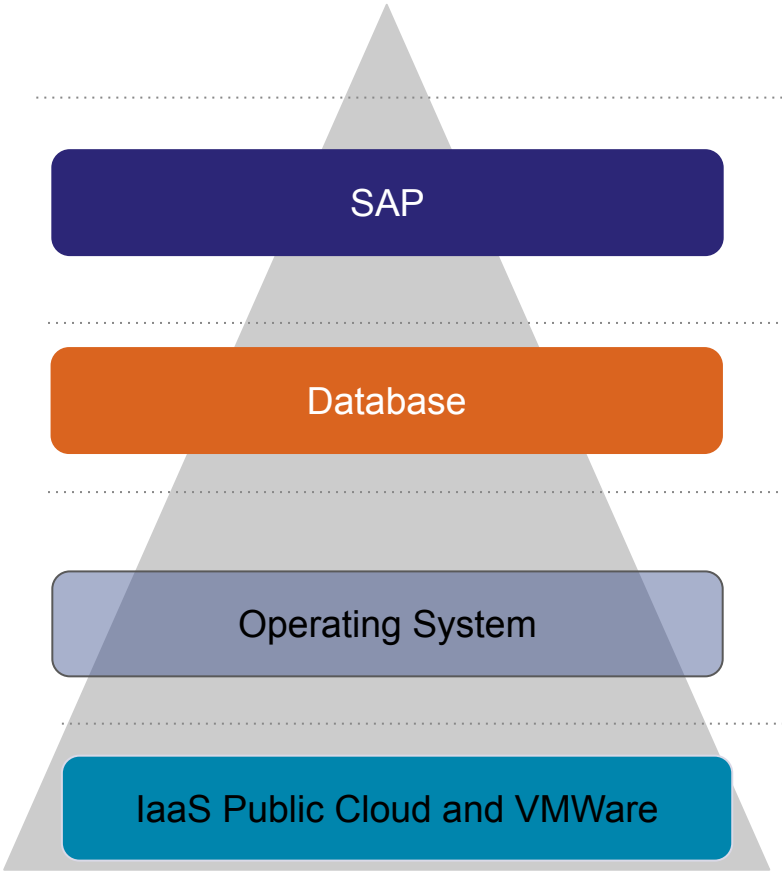
- Architecture
- Development
- Supporting software (3rd party, backups, etc…)
- Interfaces (legacy systems, banks, vendors, etc…)

A platform is needed where automation can be customized

- Planned
- Unplanned

Automation across the technical stack

**With correct authorizations



Trigger an ABAP Event
Calling remote function calls & BAPI
Kernel Upgrades
Identify HotNews/High security notes
Start/Stop (SAP system or individual instances)

Database Refreshes
Run SQL Scripts
Start/Stop SAP database

Run Command Line Commands
Run Scripts from central Avantra Master
SSH
Start/Stop with IaaS Public Cloud and VMWare
Modifying SAP Profile Parameters

Start/Stop - Scheduled and Triggered

**Combine and Orchestrate Order

Automation platform

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- Drive an innovative culture
- Reduce downtime
- Get ahead of business related issues
- Keep costs low
- Keep support teams focused with less interruptions
- Keep happy teams by minimizing off hours work

Designed to manage your SAP world

Operational Transparency

Customizable dashboards

Business process technical monitoring

Customizable reports

Notification escalation

Best practice provided out of the box

Actionable Insights

Intelligent alerts

Root-cause visibility

Predictive resource analysis

Consistent auditing & system governance

Agent-based deployment for deep insights

Full Stack Automation

Consistent and rapid deployments

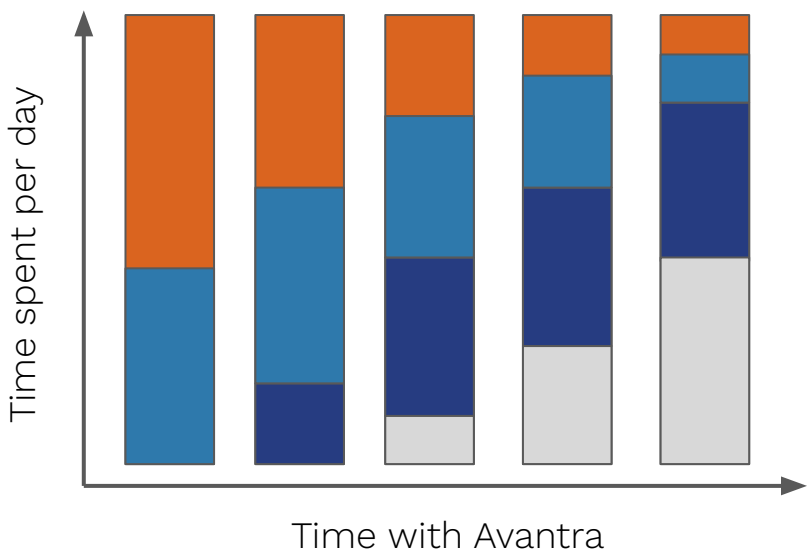
Best-practice monitoring automation

System hardening

Cloud automation

Build your own custom checks & actions

Driving an Innovative Culture



Day to day unplanned work

Day to day planned work

Project work

Innovation

Invista / Chemical Company

“We selected Avantra to manage our AWS and on-premise SAP systems. Avantra empowered us with a monitoring solution that keeps us informed through real-time alerts, resource utilization, and integrations with business processes inside our ERP systems.”

Company SAP Basis Lead

In the process of a migration to the cloud, the customer identified the need to manually scale that cloud as well as hybrid landscape monitoring and notifications. This was not available through other means.

Without scaling to match demand the customer would not have realized the true cost saving benefits from operating a managed hybrid cloud landscape.

Using Avantra, the customer could easily see how much cloud resource was expected to be used and adjust accordingly. They also deployed cloud scaling automation and have landscape wide (on-prem and cloud) monitoring with real time notifications.

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