

SAP Customer Center of Excellence

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Putting the Cloud in SAP

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Lemongrass



We are Lemongrass

Transforming the SAP Ownership Experience on Native Cloud



100% success rate for SAP to Hyperscale Cloud migrations



REDUCED COST
OF SERVICES
**Up to 50%
cost reduction**

IMPROVED AVAILABILITY
AND RESILIENCE
**Average 99.99%
availability**

WORLD CLASS
SECURITY
**NIST and CIS
accreditation**

IMPROVED AGILITY
AND INNOVATION
**2,500 innovations
per year**

CLOUD
NATIVE
**Direct access to all
Cloud native services**

DEVOPS
FOR SAP
**Landscape optimization
and increased change
frequency**

CLOUD AGNOSTIC
AUTOMATION
**AWS, Azure,
GCP**



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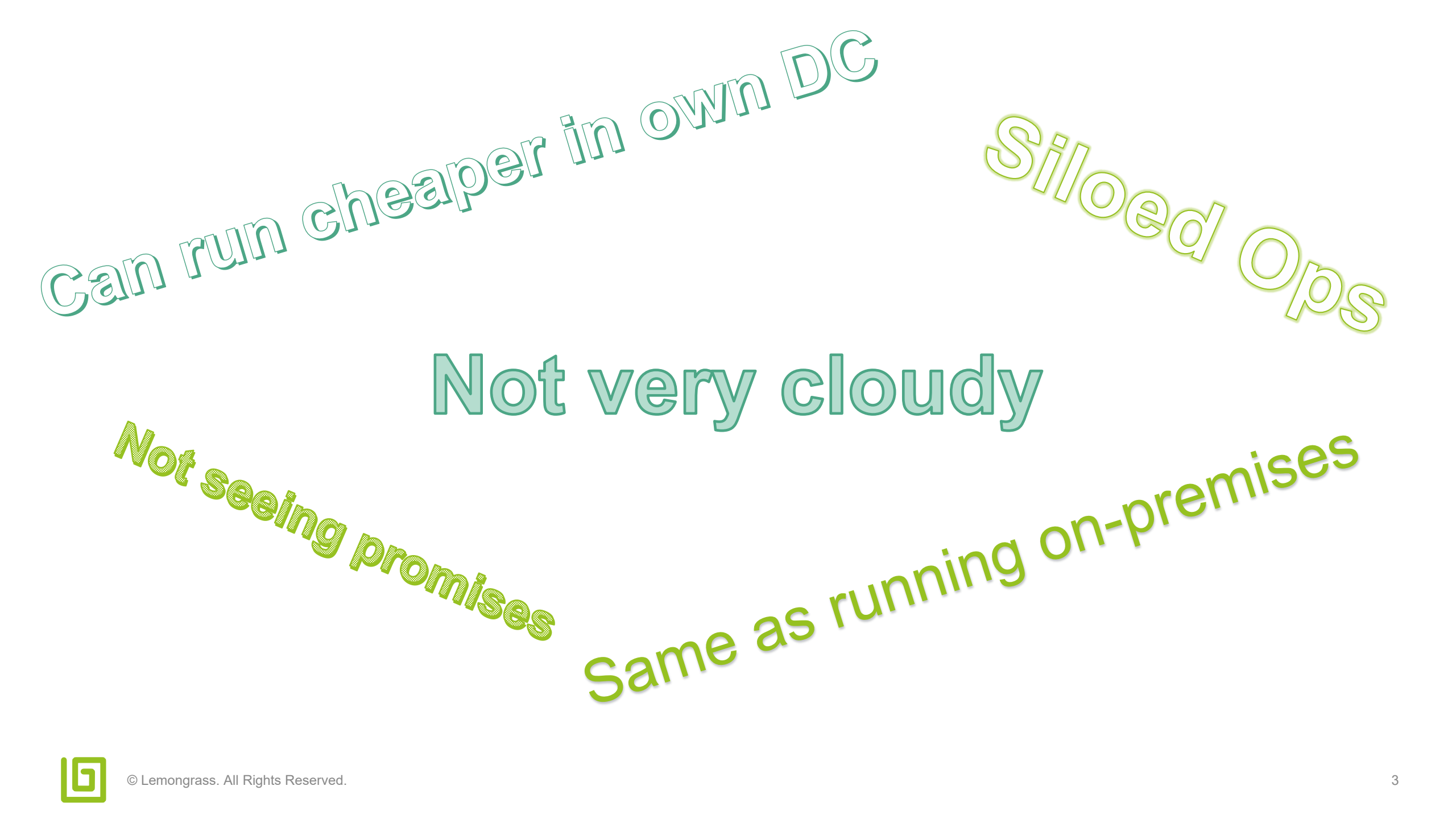


Gold
Microsoft Partner



Google Cloud





Putting the Cloud in SAP

Cloud Adoption



Lift and Shift

Basic cloud benefits including scalability, elasticity, consumption billing.

Cloud Operating Model



Modernize Operations

Leverage advanced capabilities for **Automation**, **Availability**, **Network**, **Performance** management, and **Flexible Commercial** models

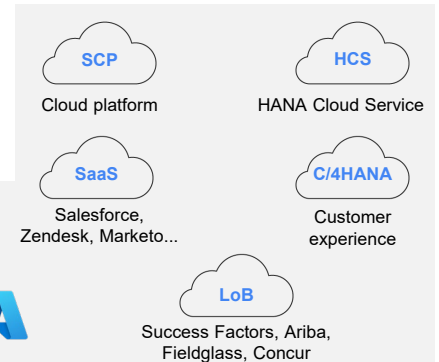
Cloud Native Enablement



Innovate and Accelerate

Tying SAP **Data sources** in with Other Data sources included unstructured data, Cloud Native generated data, 3rd party data (all **Gravity of Data**) and using advanced tools: Datalakes, AI/ML Etc = ROI

Enable systems of record to be systems of insight



Increasing **Agility**, decreasing time To **Value**, and enabling new **Insights**



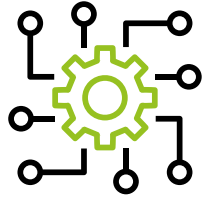


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Cloud Operating Model

Adopt a Cloud Mindset

Getting SAP to Cloud is not enough.



Define a comprehensive **Service Catalog**

...enabled by Tooling & **Automation**

...delivered by a **Cloud Operating Model**

.....underpinned by **experience and methodologies**



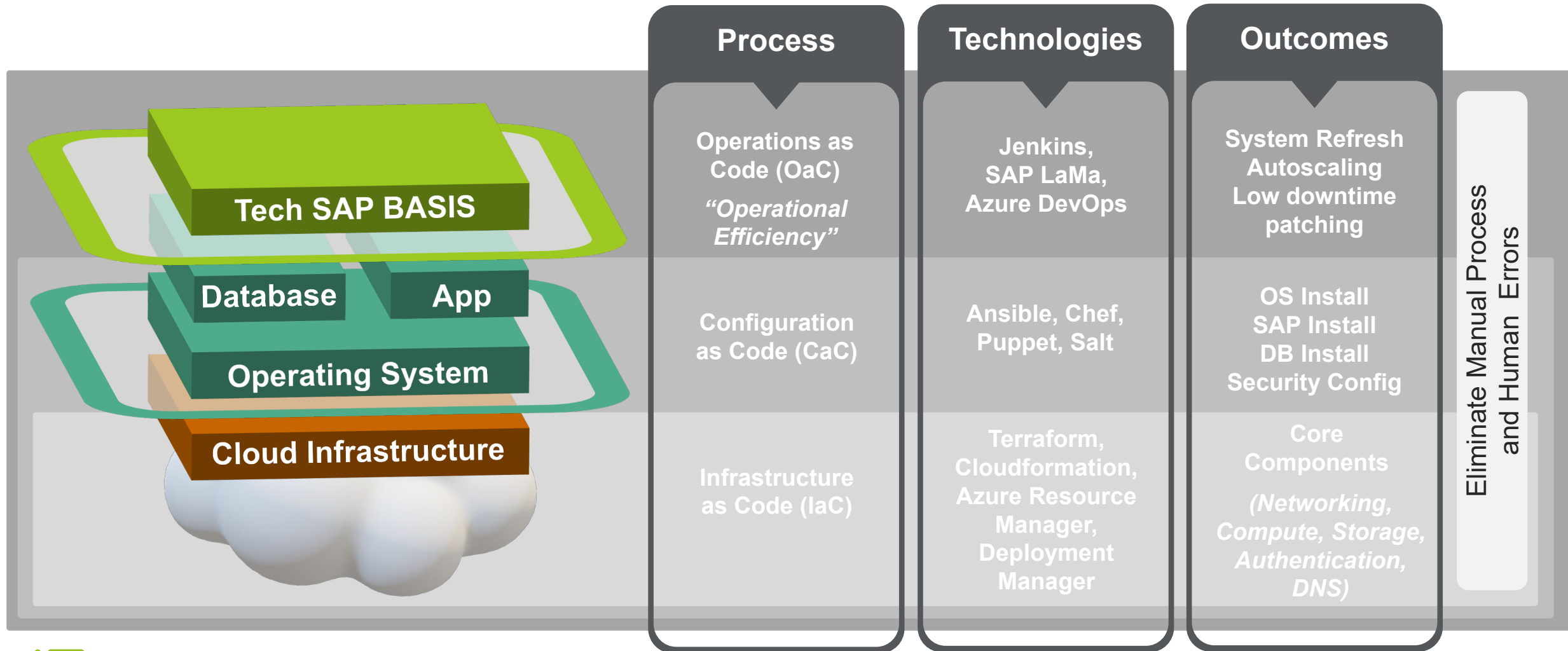
Start with Operate in Mind

- The Operation of SAP on Cloud is very different to operating it on-premises
 - New **Capabilities** are needed (IaaS, FinOps, SecOps, Automation)
 - New **Tools & Approaches** need to be defined, configured, and maintained for onitoring, backups, patching, security, and other operations)
 - New **SOPs** need to be written and steady state teams trained
- If set up early, Operate can
 - Run some Services during the Migration (SecOps, FinOps, System Installs)
 - Act as a QA for receiving the systems from Migration (ensure setup is to Operate standards)
- Ensure effective, efficient operations in steady state



Modernize SAP Operations

Key Technologies



Automation Capabilities

Automated Server Copy

SAP Aware Start/Stop

Application Server Auto Scale

OSS Note Import

Environment Rebuilds

Automated HANA Patching

Automated Server Resize

Auto DR Failover

Auto OS Patching

Auto DB Patching

Infrastructure as Code

- Automate infrastructure provisioning
- EC2 deployments
- Storage configuration
- Network configuration

Configuration as Code

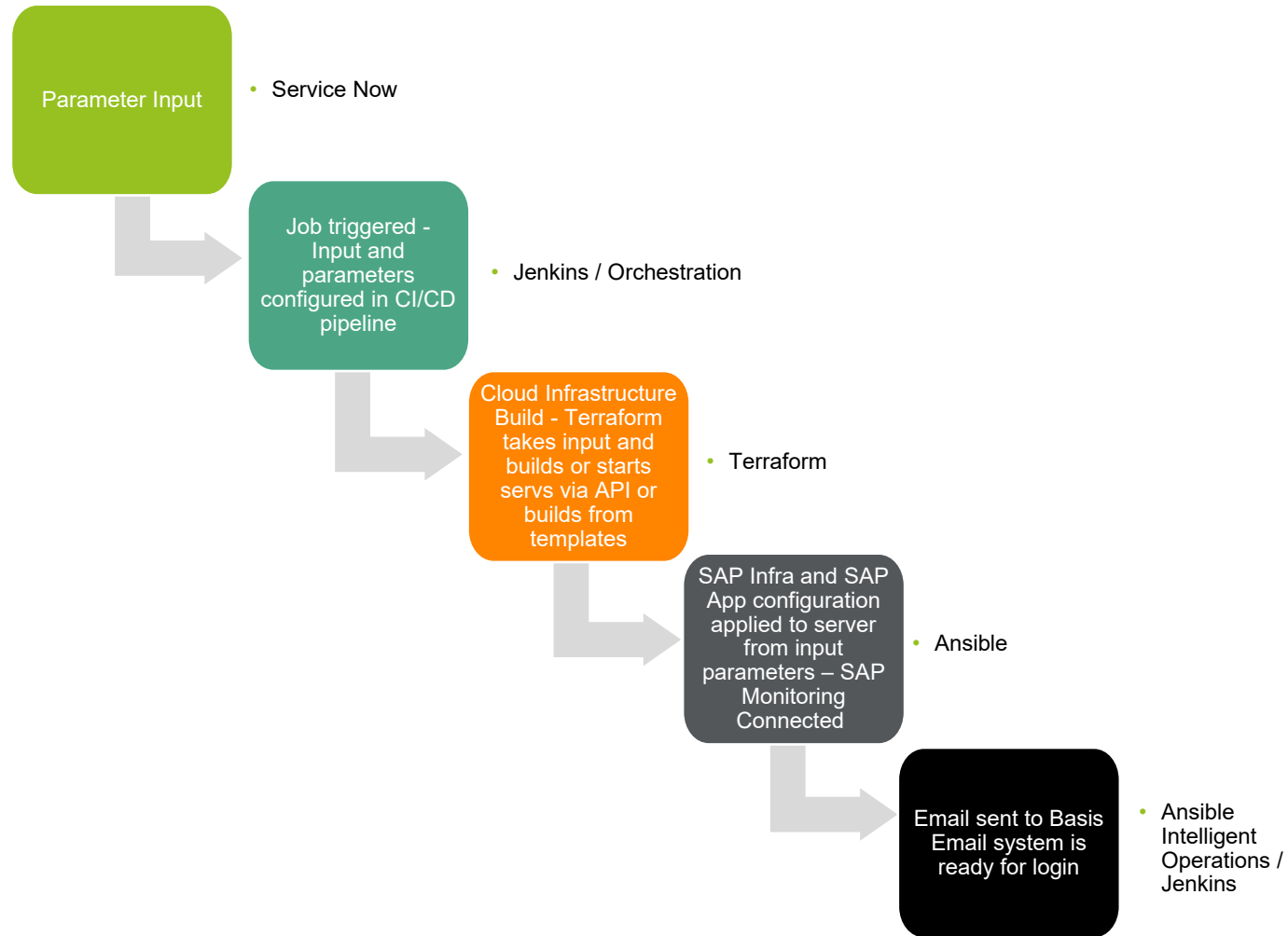
- OS parameters
- Auto install of DB
- DB parameters
- SAP application install
- Add-on installs
- Baseline security
- HA configuration
- DB replication
- Non-HANA log shipping

Operations as Code

- Bill of Materials
- Service Contracts
- Operational State
 - Confirm configuration
 - Validate patch levels
- Backup Status



Sample: SAP System Build Service

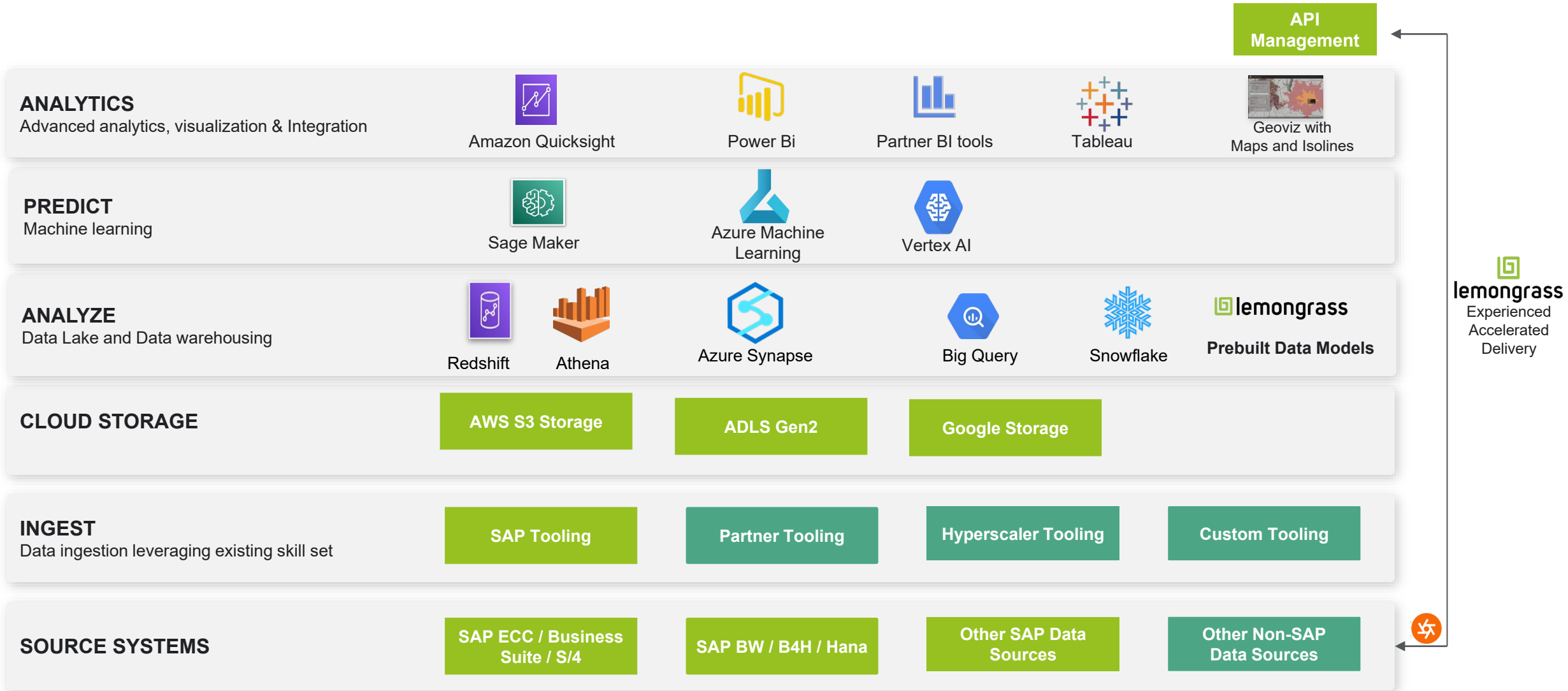




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Cloud Native Enablement

Cloud Native Enablement



Benefits

Rapid Insights



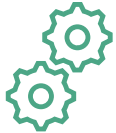
- Agile and Rapid Deployment solution for speed to market
- Accelerate Business Analytics deployments

Innovation



- Combine operational SAP data sources with non sap data sources
- Leverage foundational building blocks for strategic data and analytics platform

Flexible



- Implement in weeks instead of months & years
- Accelerate development cycle by 50-70% by using predefined templates

Cost



- Quick ROI and low TCO
- Reduce costs by 60–75 %



Put the Cloud in SAP

