

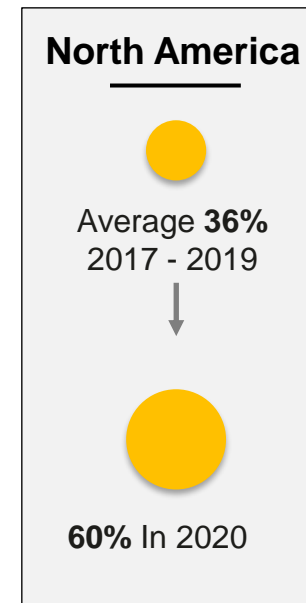
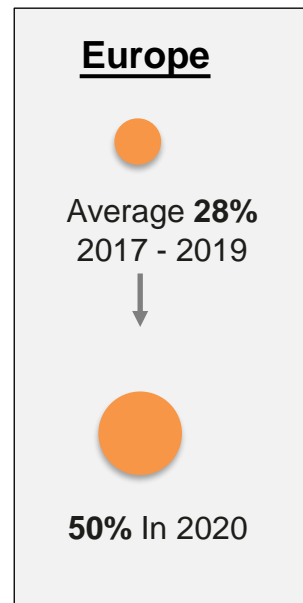
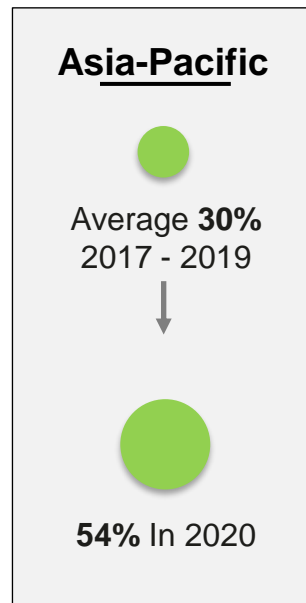
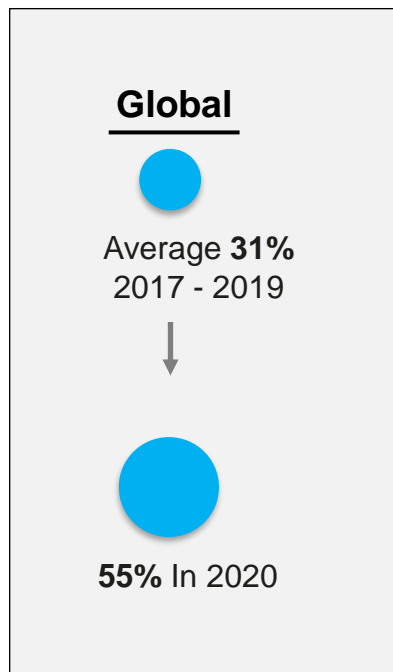
The background of the slide features a large, fan-shaped arrangement of fiber optic cables. The cables are illuminated from the bottom left, creating a bright blue glow that radiates outwards. The tips of the cables are visible as numerous small, bright blue points of light against the dark background.

# Cloud- Key to CSP Digital Transformation

## Epidemic accelerates digitalization ...

Average Share of Products and/or Services That are Partially or Fully Digitized

Source: McKinsey, 2020



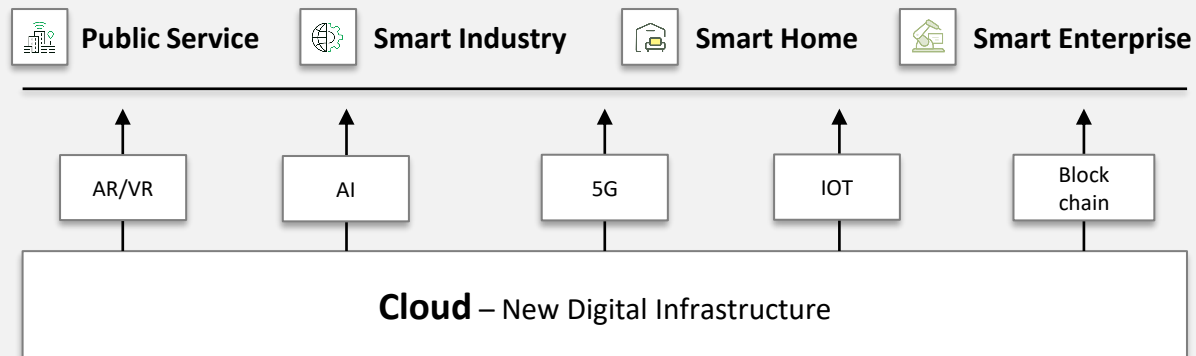
# Cloud is the Fundamental to This Digital Transformation Deluge



**270 Bn**  
Total investment  
in RMB

- High-quality **5G** and fixed networks to ensure dual-Gigabit broadband
- Driving **150,000** enterprises to land on the Cloud platform
- 100,000** smart charging piles for electric vehicles
- Over **100** unmanned factories/product lines/workshops

- China Take Various Digital Technologies to support the Development of SMEs and Start-ups
- The Ministry of Industry and Information Technology promotes access to digital products such as video conferencing, cloud services and training programs for SMEs
- Some local gov'ts offer free cloud computing products to encourage businesses to resume operations through telecommuting



# With 'Cloud', This World Could Be Given Infinite Possibilities

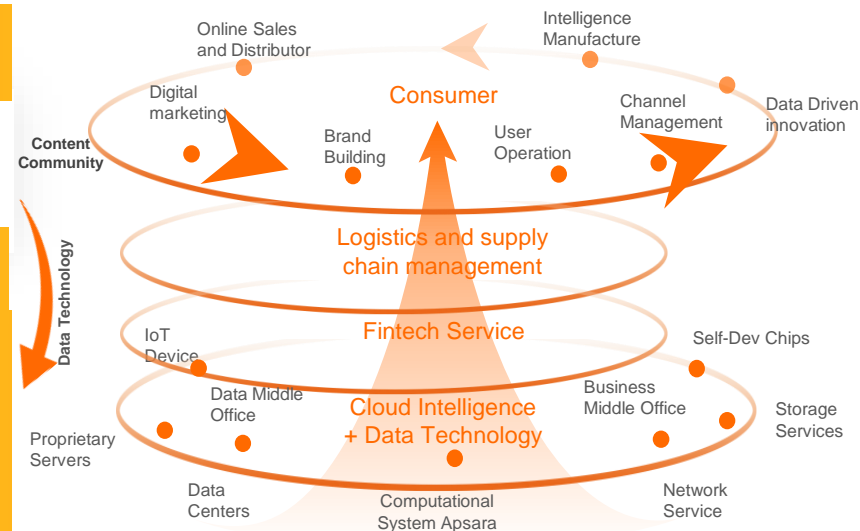
Alibaba is the leader to drive business digitalization

Online Integration + Offline Digitization

Data Technology



Digital business economy



Alibaba Cloud

CLOUD COMPUTING, ARTIFICIAL INTELLIGENCE AND BIG DATA

- Cloud Computing
- Big Data/AI
- CPU Chip
- Quantum computing
- Fin-tech/Ant-Chain
- Data intelligence
- Robot

# Alibaba Apsara Cloud: Comprehensive Capabilities to Make 'Cloud' Happen

## Cloud Native Capabilities

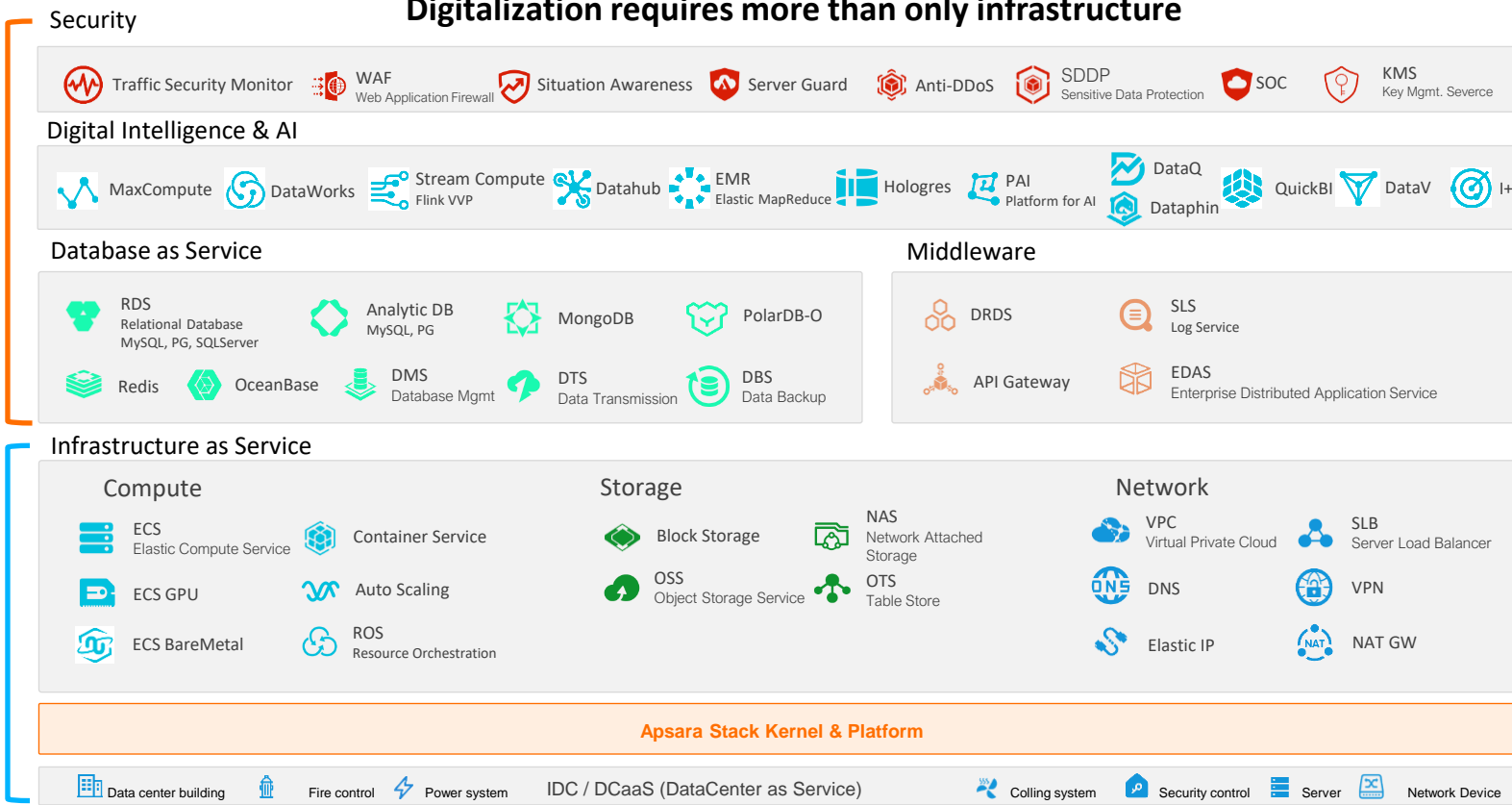
Apsara Stack allow customer to have comprehensive cloud native service, include digital intelligence, AI, security, etc.



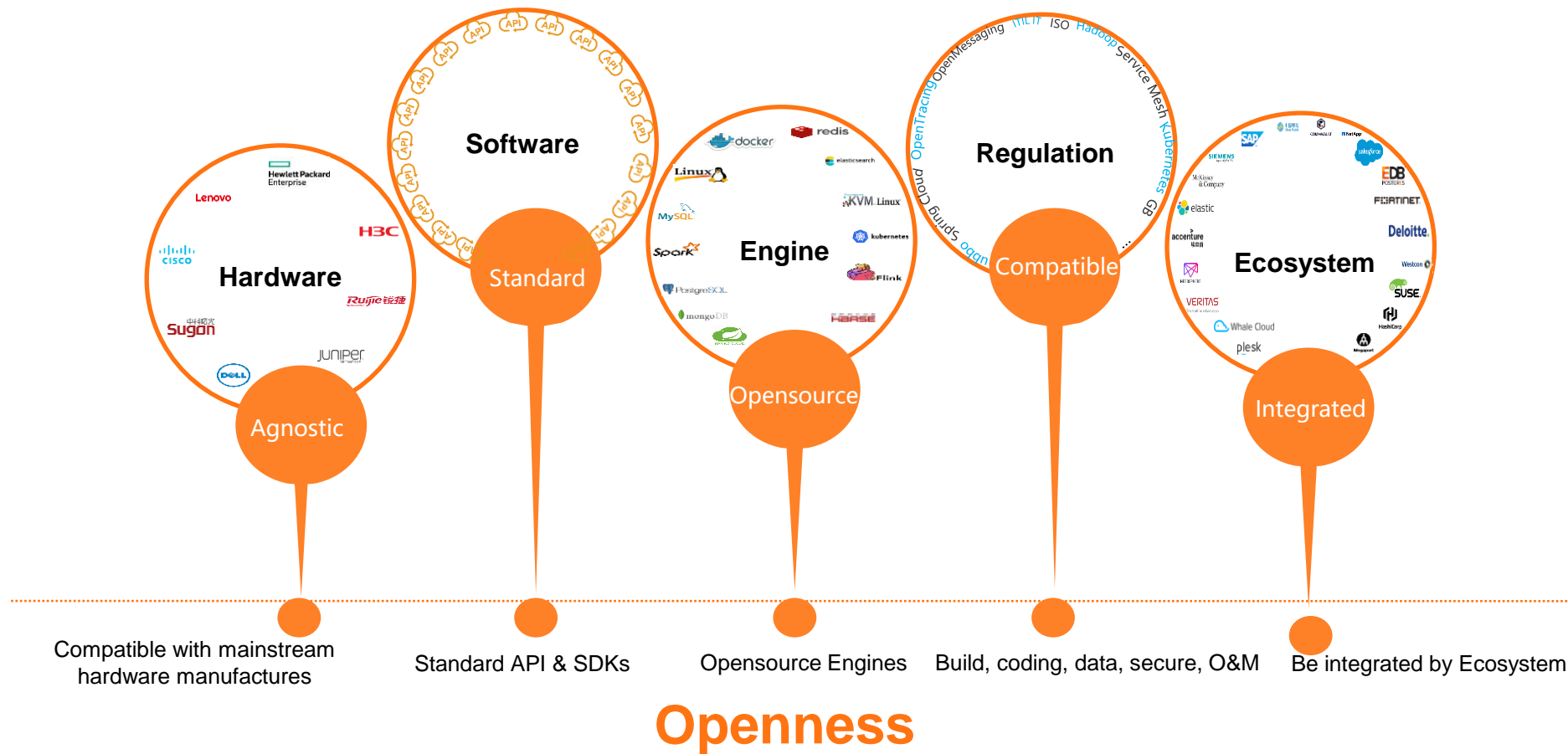
## Infrastructure Capabilities

Most traditional stack solution provide only infrastructure visualization capability, limited in products offering and services

### Digitalization requires more than only infrastructure



# Embrace the 'Cloud', Embrace the Digital Future



# Alibaba Apsara Cloud: Speed Up Telco Digital Transformation



**Apsara Stack**

*Apsara Stack* speed up the Digital Transformation of *Telecom companies*



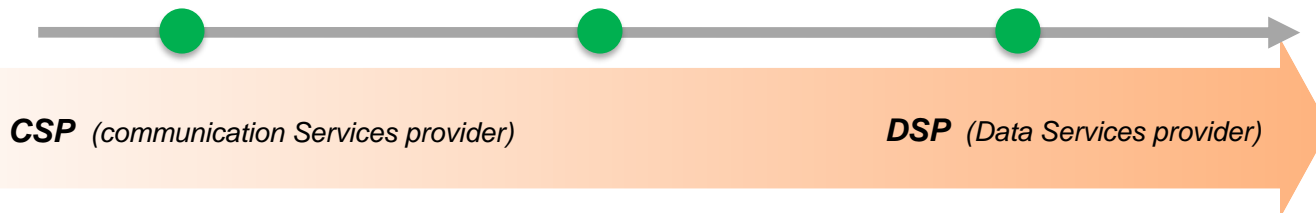
- Core Telco IT System on Cloud
- Migration Tool to Cloud
- Digital work business on cloud



- Deliver Cloud-Native Application with Security & Scaling on Demand
- A.I. Chatbot Capability
- Upgrade to Data Intelligence Platform



- Public Services
- Local Public Cloud
- IoT Platform on Cloud
- Vertical IoT Application on Cloud





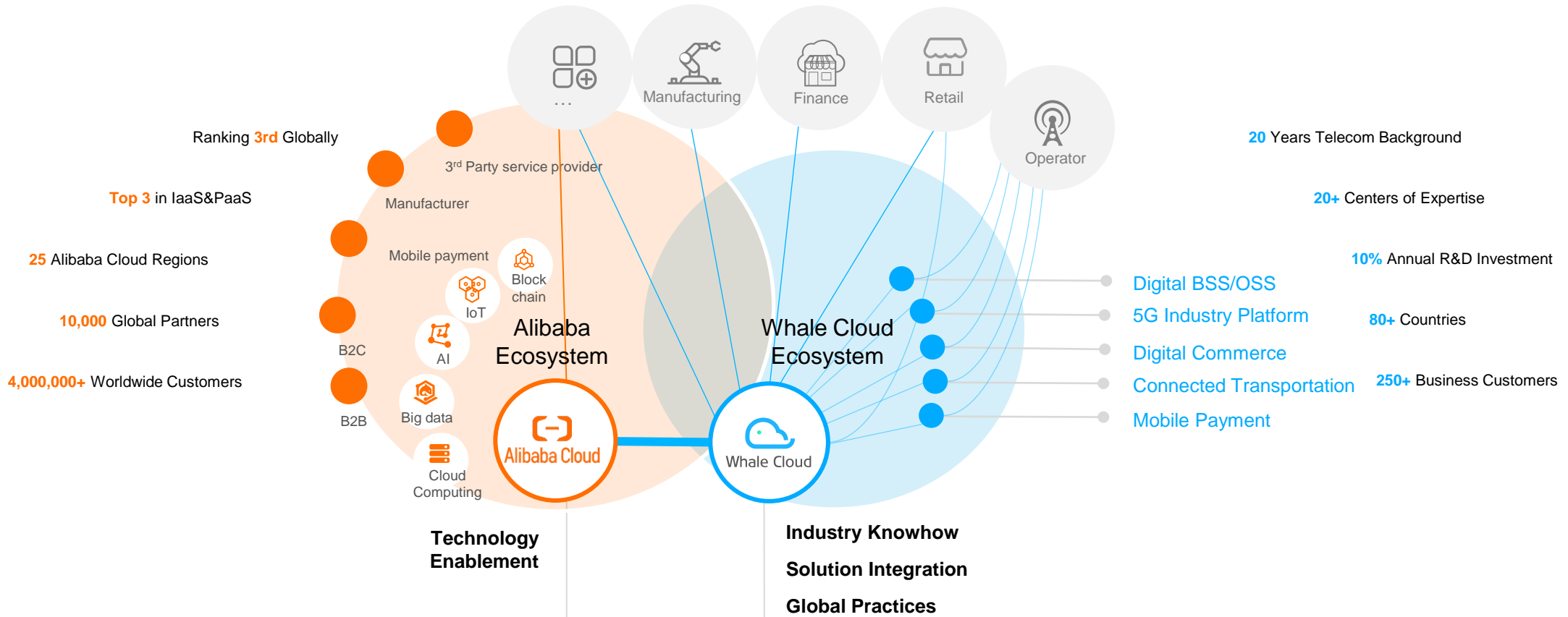




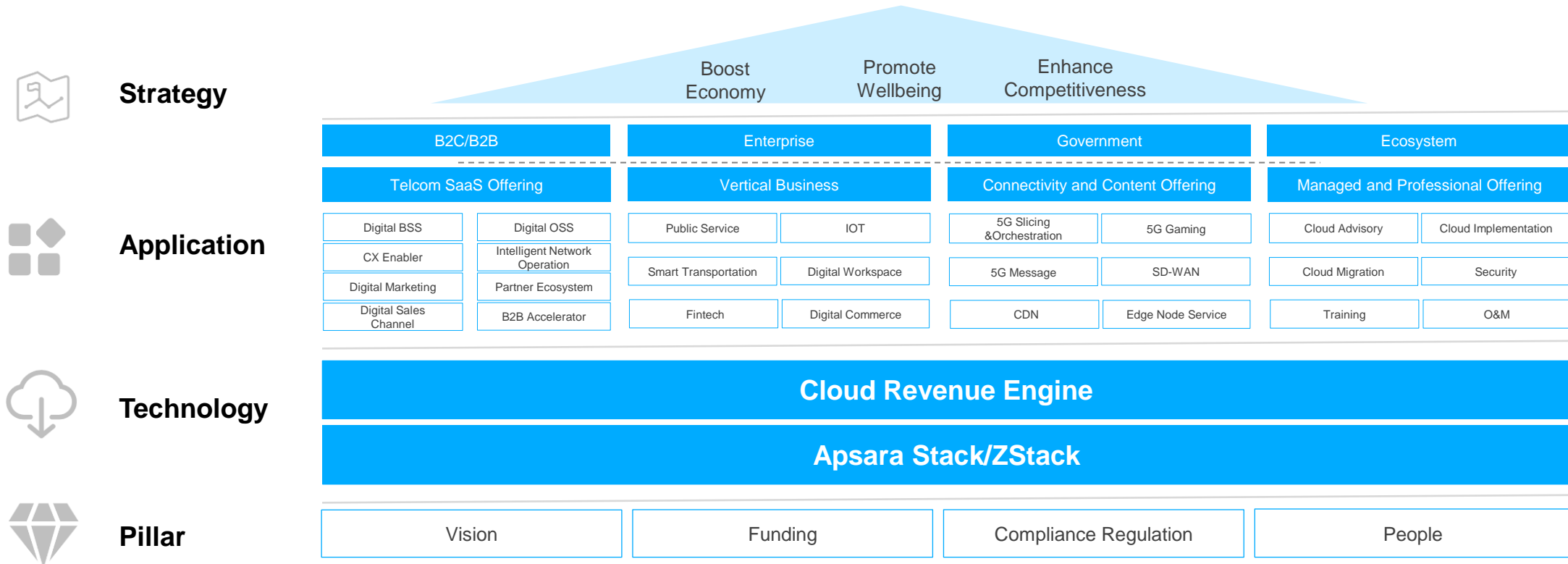
trusted ·  company  
**telkomsigma**  
by Telkom Indonesia 

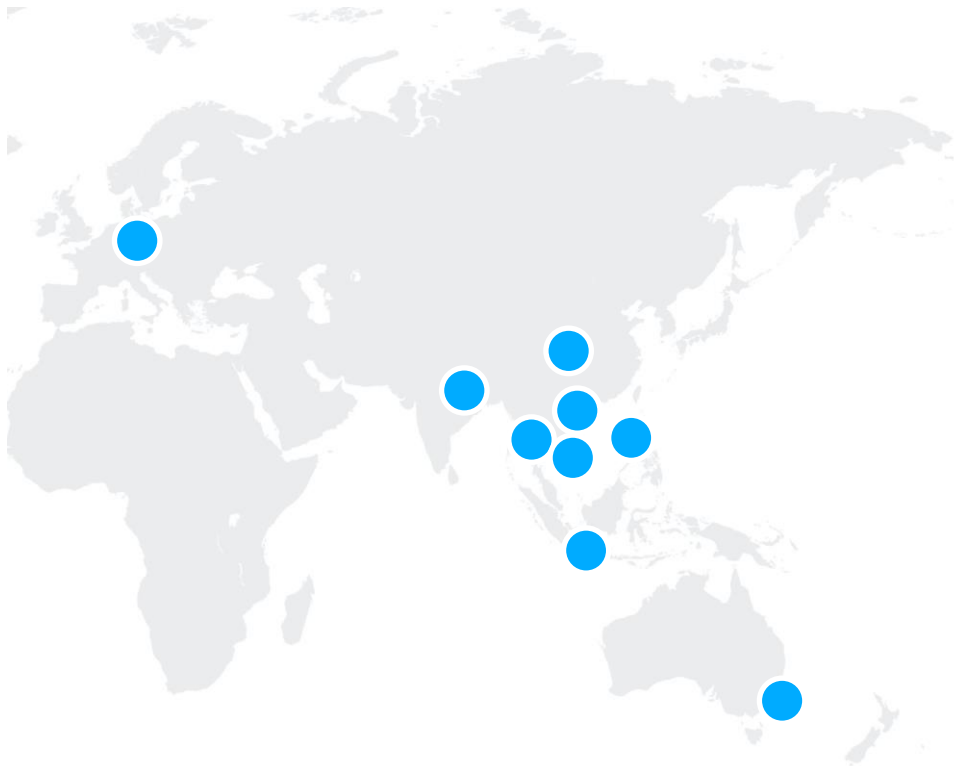


# Alibaba Cloud & Whale Cloud Synergy



# Digital 2.0 Framework: Approach to Develop the Cloud





CSPs adopt **cloud-native** architecture, **diversify their businesses** with us.

**Thank You**