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Building a Fully Connected, Intelligent World

Huawei Cloud

Everything as a Service: Dive into Digital

Building the cloud foundation for an intelligent world
with ubiquitous cloud and pervasive intelligence

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01 | Huawei Cloud

02 | Market Performance

Huawei Cloud: Connecting Global Business as the Fastest-Growing Cloud
Huawei Cloud Recognized by Industries and Customers

05 | Cloud Services

Everything as a Service: Dive into Digital
Infrastructure as a Service: One Network, One Experience
Technology as a Service: Empowering New Cloud-native
Enterprises with Our Full-Stack Tech

QingTian Architecture: Hardware-Software Synergy for Cost-effective Cloud Services

IoT: All Things Connected at the Edge, Growing on the Cloud

Efficient Resources: A Full-Stack, Smart Cloud Infrastructure

Intelligent Services: Powering Industry Upgrade with Data and AI Collaboration

Agile Applications: Modernizing Enterprise Applications

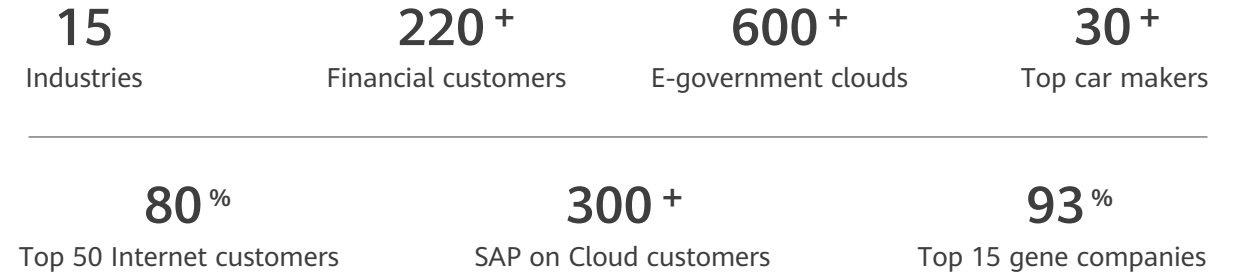
Ultimate Experience: SparkRTC for Seamless Experience on One Network

Expertise as a Service: MacroVerse aPaaS Tailoring Innovation to Every Scenario

19 | Ecosystem

A New Ecosystem Created, Shared, and Benefited by All

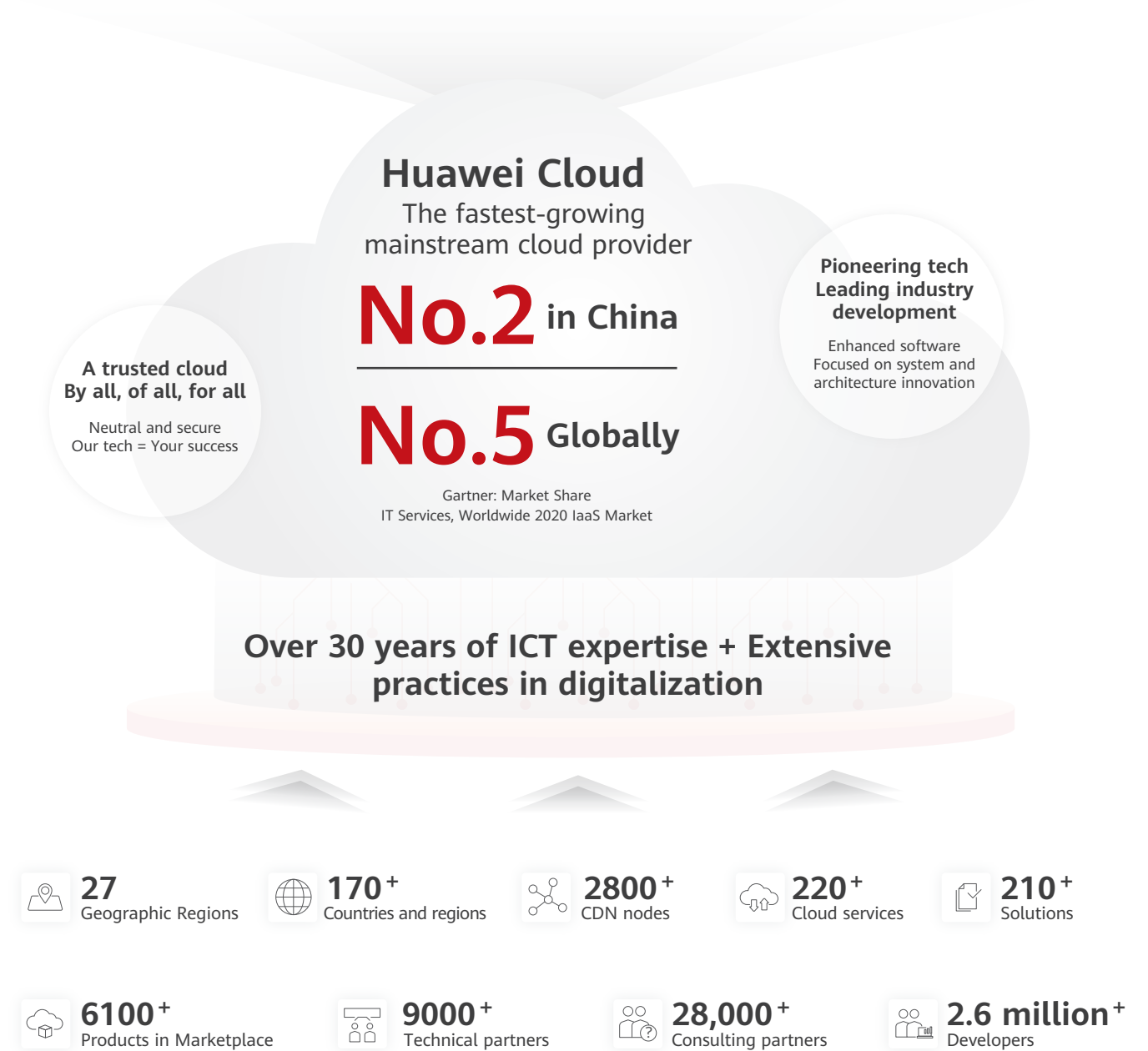
Huawei Cloud: Connecting Global Business as the Fastest-Growing Cloud



Huawei Cloud

Huawei Cloud is a Huawei brand for cloud services. We distill our 30-plus years of expertise in ICT into products and solutions to help our customers build what they need into their profile with building block-like ease. We are committed to providing stable, secure, and sustainable cloud services to help organizations of all sizes grow in an intelligent world.

Here at Huawei Cloud, we work relentlessly to extend the benefits of tech innovation to industries and individuals.



Huawei Cloud Recognized by Industries and Customers



Named a leader in 8 magic quadrants by Gartner

01

*** Public cloud IoT platforms**
Leading strategy

05

*** E-government big data management platform market by manufacturers**
Leading market share, product capabilities, and strategy

02

*** Terminal security detection and response market**

06

*** Big data management platforms**
Leading market share and product capabilities

03

*** Cloud service security providers**

07

*** Industrial Internet platform vendors**

04

*** Situational awareness solution market**

08

*** Computer vision public cloud platforms**



No. 1 in 10 rankings

***No.1** | Container software market

***No.1** | Desktop cloud software for six consecutive years

***No.1** | Big data market share

No.1 | Localized deployment market share of GaussDB

***No.1** | Market share of machine learning public cloud services

***No.1** | Public cloud vendor evaluation by Omdia

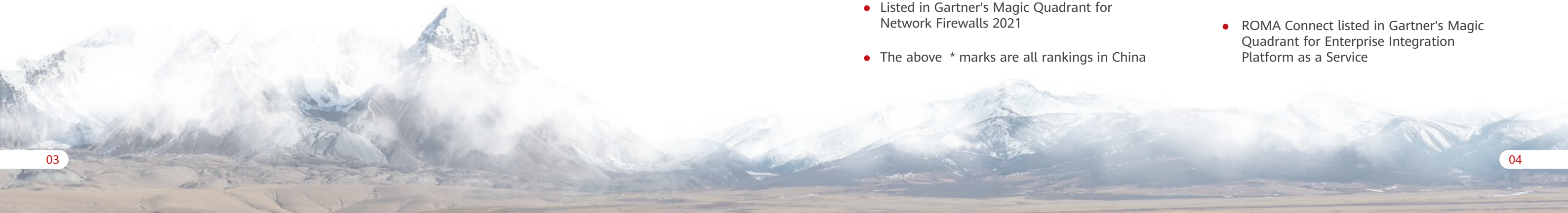
***No.1** | Software-defined computing software market

***No.1** | E-government cloud infrastructure share 2020

***No.1** | Cloud management software for five consecutive years

***No.1** | Financial cloud infrastructure market 2020

- No.5 in the global IaaS market
The fastest-growing vendor (Gartner, 2020)
- GaussDB listed in Gartner's Magic Quadrant for Cloud Databases
- Listed in Gartner's Magic Quadrant for Network Firewalls 2021
- ROMA Connect listed in Gartner's Magic Quadrant for Enterprise Integration Platform as a Service
- The above * marks are all rankings in China

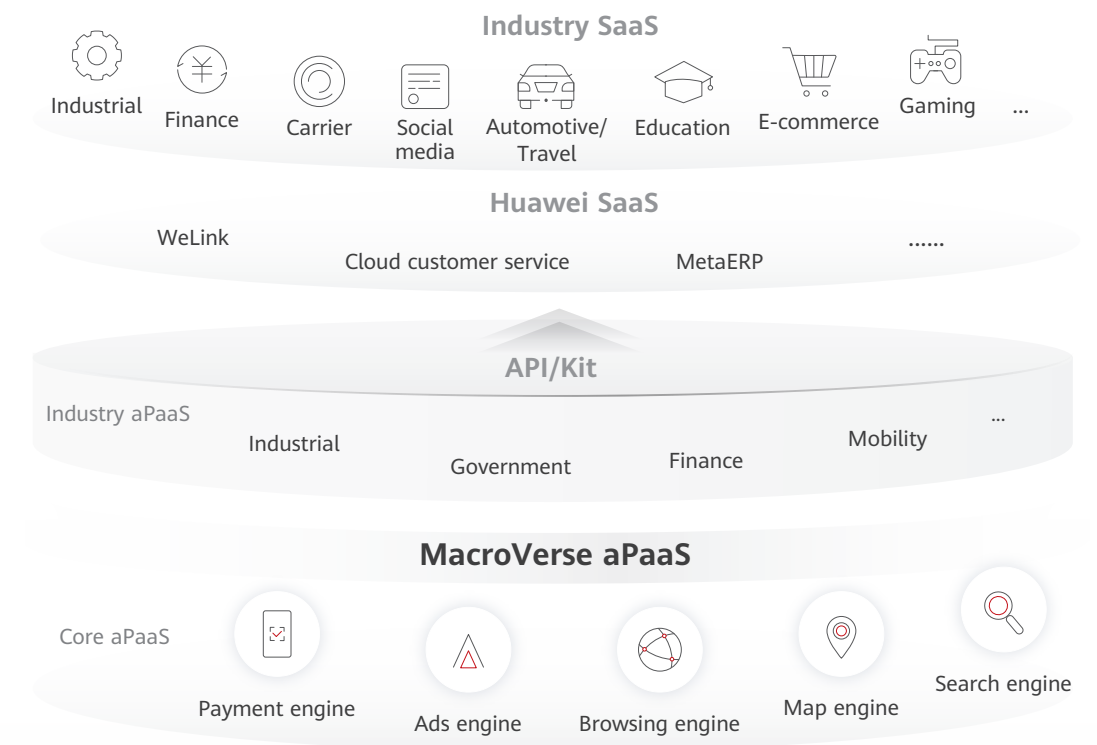
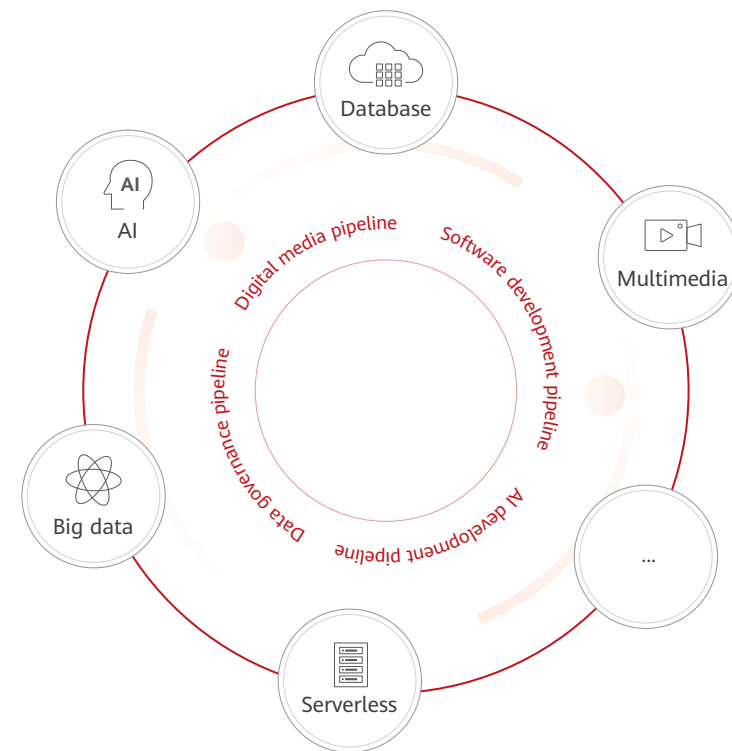
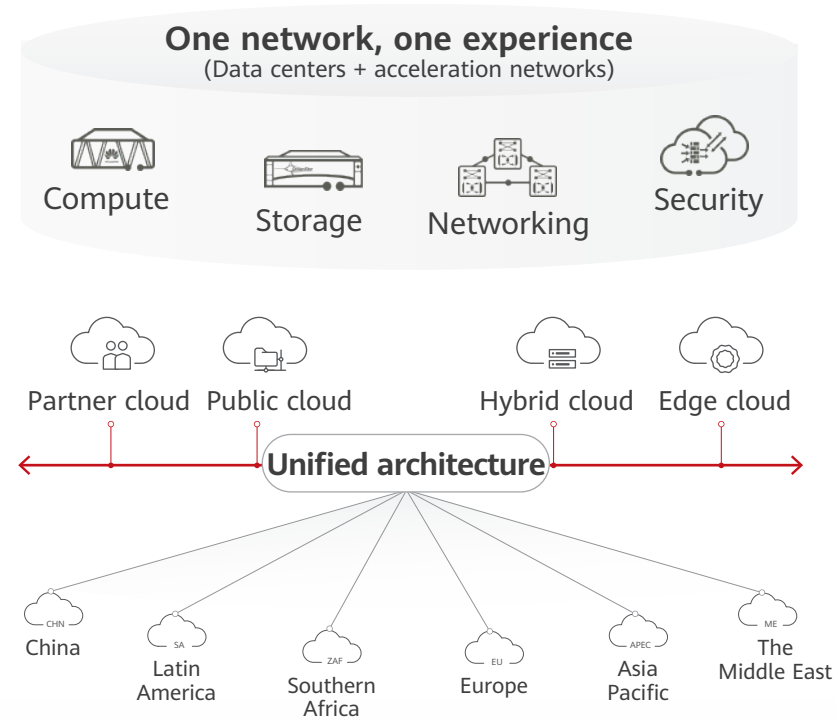


Everything as a Service: Dive into Digital

Infrastructure as a Service
for global accessibility

Technology as a Service
for easy innovation

Expertise as a Service
for shared excellence



Building the cloud foundation for an intelligent world with ubiquitous cloud and pervasive intelligence

Infrastructure as a Service: One Network, One Experience



27
Regions



170+
countries
and regions



61
availability
zones

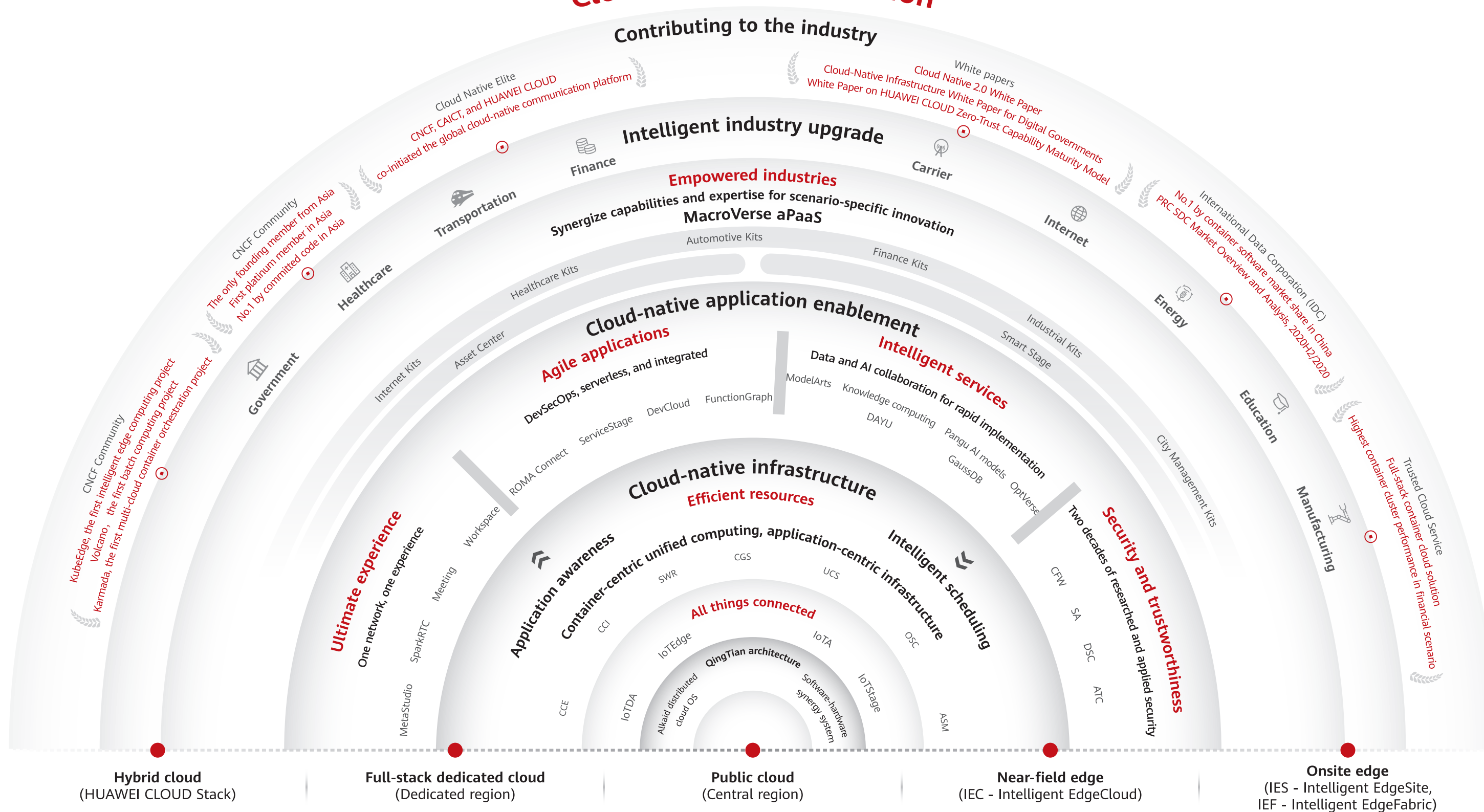


2800+
CDN nodes



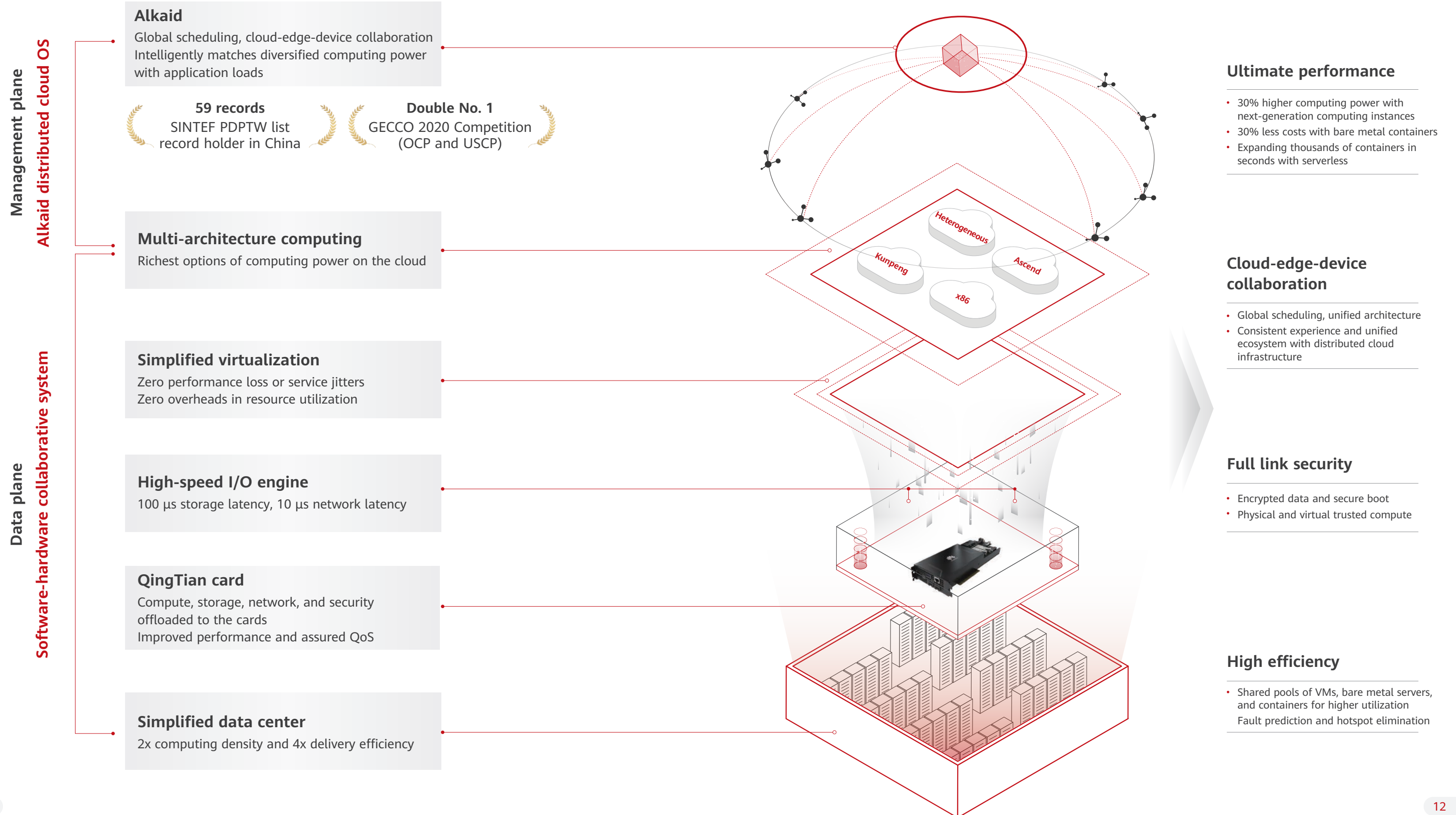
Technology as a Service: Empowering New Cloud-native Enterprises with Our Full-Stack Tech

HUAWEI CLOUD Cloud Native 2.0 Pavilion



Technology as a Service

QingTian Architecture: Hardware-Software Synergy for Cost-effective Cloud Services



Technology as a Service

IoT: All Things Connected at the Edge, Growing on the Cloud

Easy access, ubiquitous openness

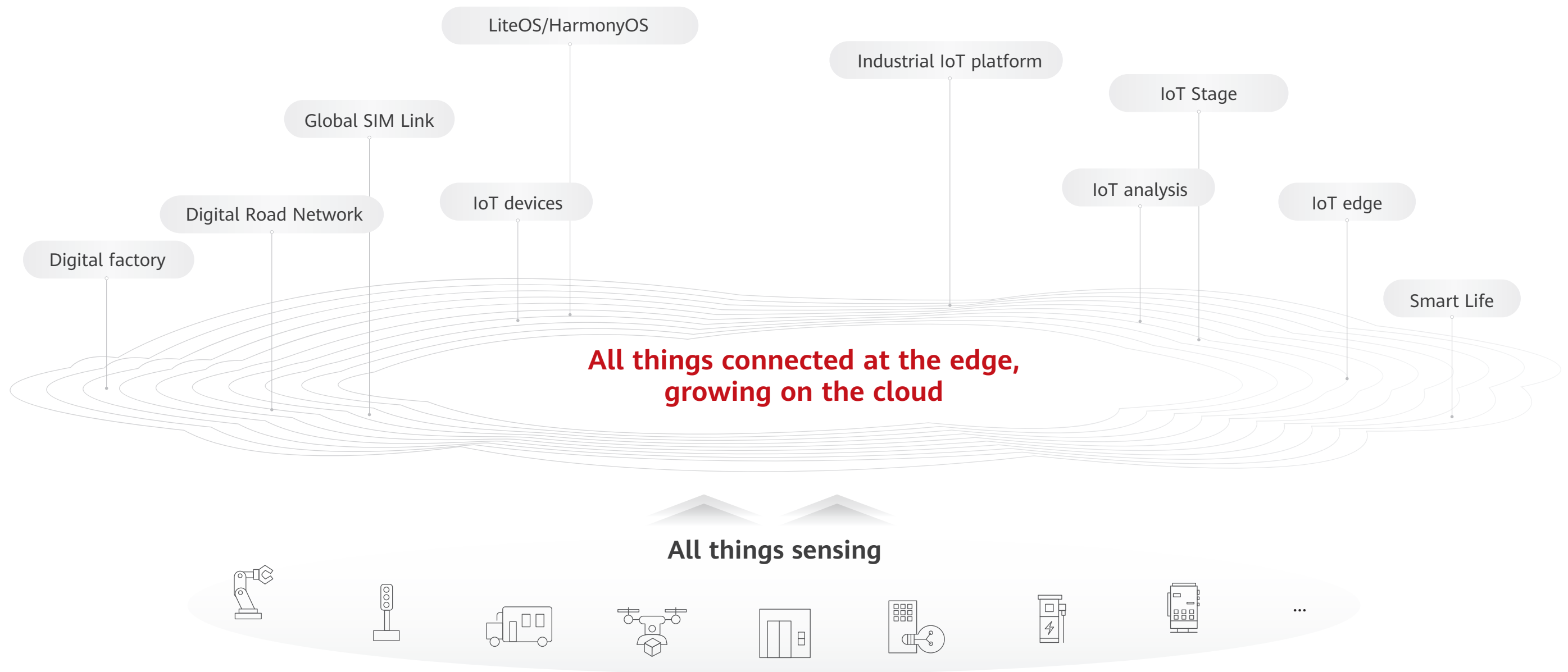
10 + industry protocol libraries
Site-region-group cascading
Million-level concurrency,
SLA > 99.99%

Simplified development, intelligent collaboration

Zero-code twin modeling tool
100+ cloud resource standards
adaptation
ISV/IHV/SI workbenches

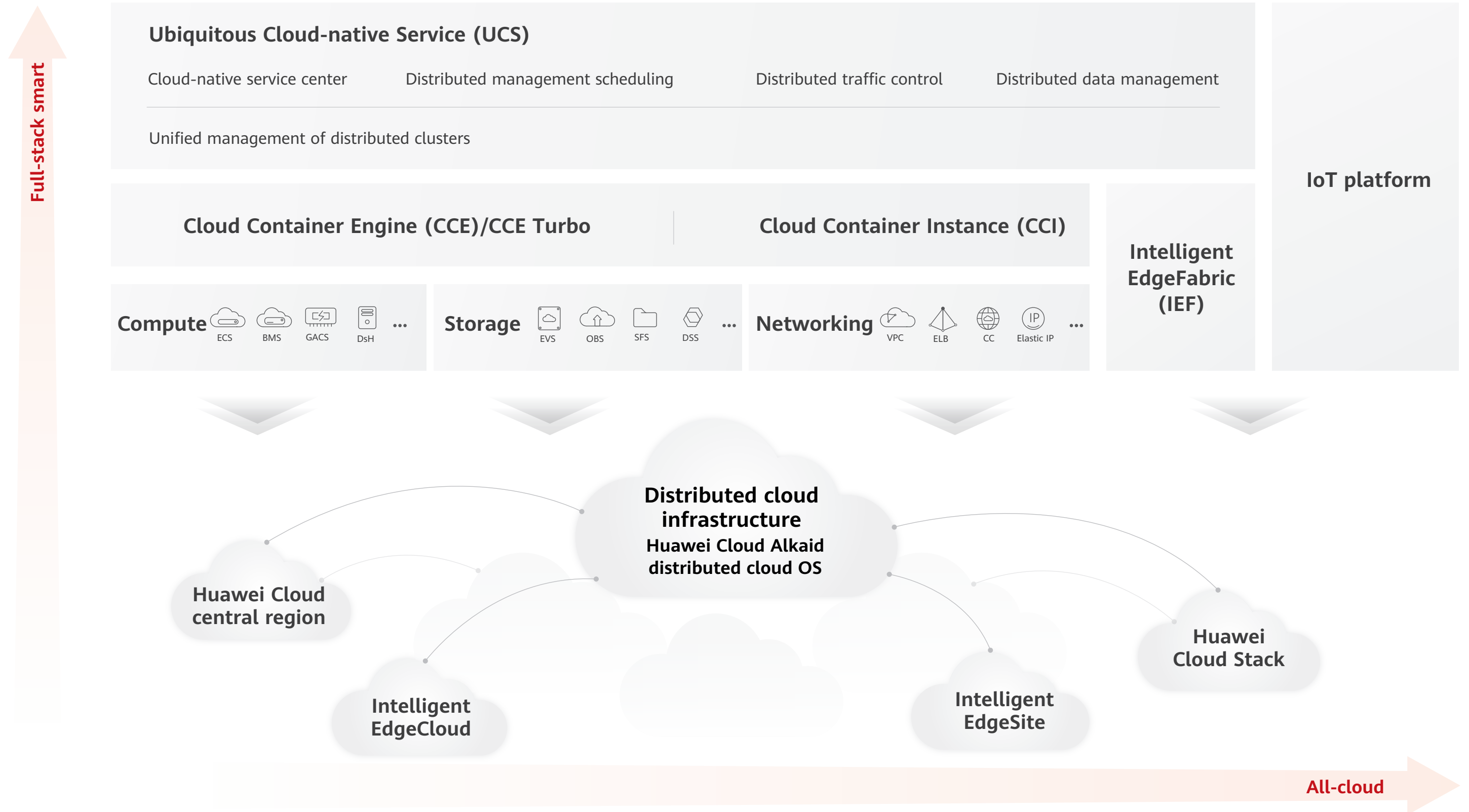
Industry-specific, out-of-the-box

Digital factory, lightweight smart
manufacturing
Industrial IoT, one-stop OT data
governance
Smart Life, 2B/2C all-scenario
convergence



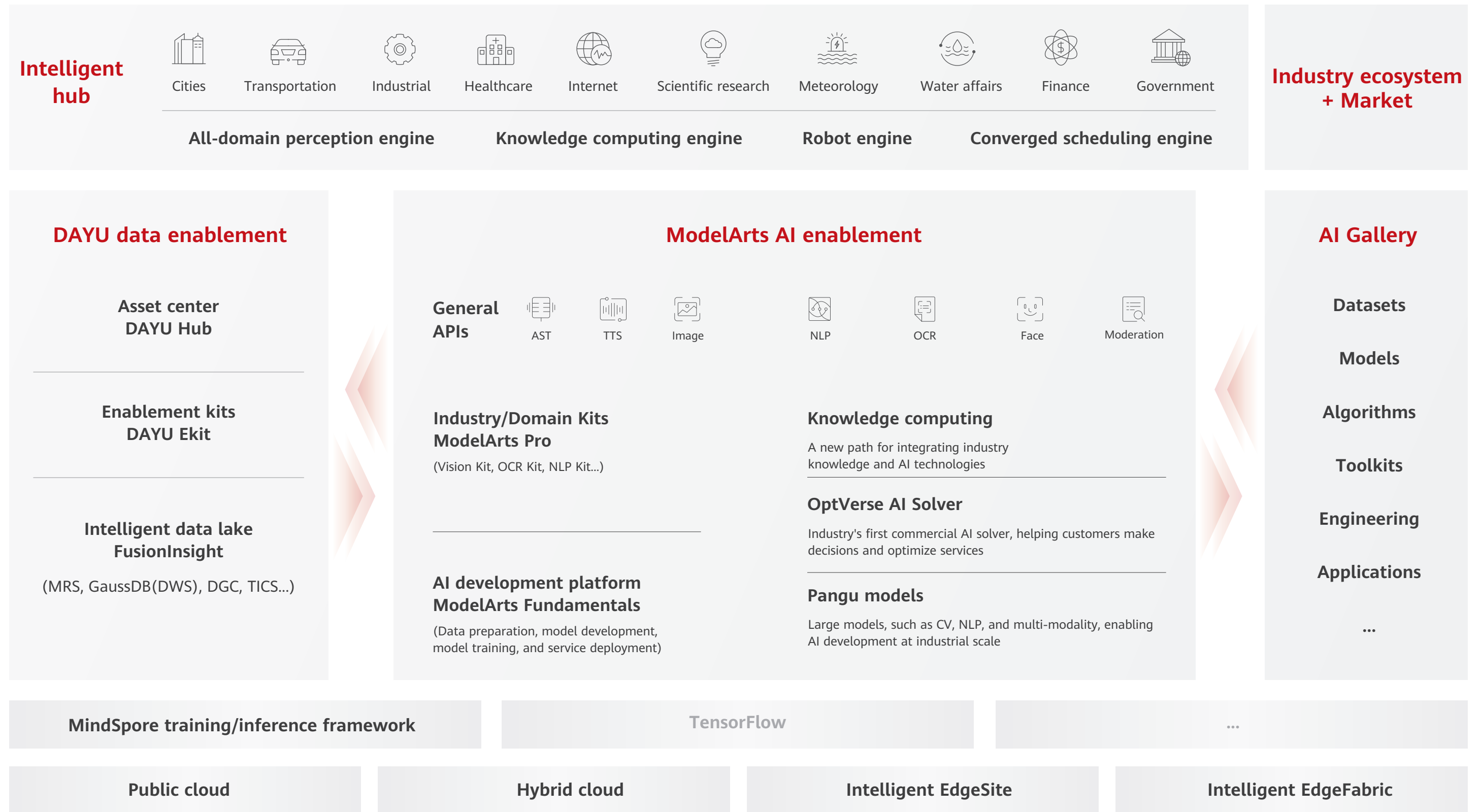
Technology as a Service

Efficient Resources: A Full-Stack, Smart Cloud Infrastructure




Technology as a Service

Intelligent Services: Powering Industry Upgrade with Data and AI Collaboration



Technology as a Service

Agile Applications: Modernizing Enterprise Applications



Traditional applications


Incompatible legacy and new applications

Long service rollout

Tight coupling of applications

Governance and operations Old-new harmony

- ROMA Connect for application integration
- ROMA Exchange for digital asset operations and management
- ROMA BCS for trusted applications



Modernized applications

DevOps Efficient and agile

- DevCloud DevSecOps
- AppCube Low/No Code
- Application Operations Management (AOM)

Architecture design Elastic and reliable

- Cloud Service Engine (CSE)
- Serverless
- Multi-cloud high Availability Service (MAS)

Infrastructure Cloud-native

- Traditional infrastructure → Cloud-native infrastructure

Service integration efficiency: **10x ↑**

Service development efficiency: **10x ↑**

Resource elasticity: **20x ↑**

Technology as a Service

SparkRTC: Seamless Experience on One Network

Scenarios



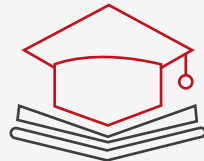
Interactive entertainment

Social, livestream, gaming, and karaoke



Communication collaboration

Conferences, office, customer service, and exhibitions



Online education

Children programming, vocational training, Three Classrooms



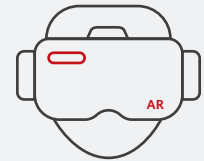
Online financial

Remote loss estimation, audio and video recording, and online account opening



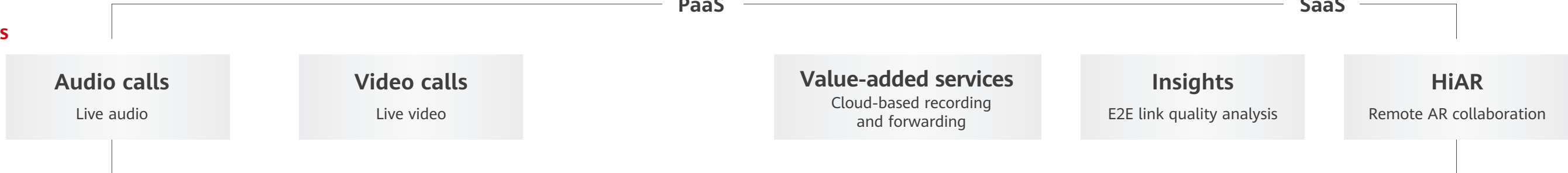
Cloud phone

Cloud gaming/phones/rendering



AR collaboration

Products



SparkRTC

Ultra-low latency

Audio and video end-to-end latency **< 200 ms**

Global coverage

2800+ nodes
Covering all carriers
Nearby user access

Ultimate experience

Adaptive complex network
60% video packet loss concealment
80% audio packet loss concealment

Smart encoding

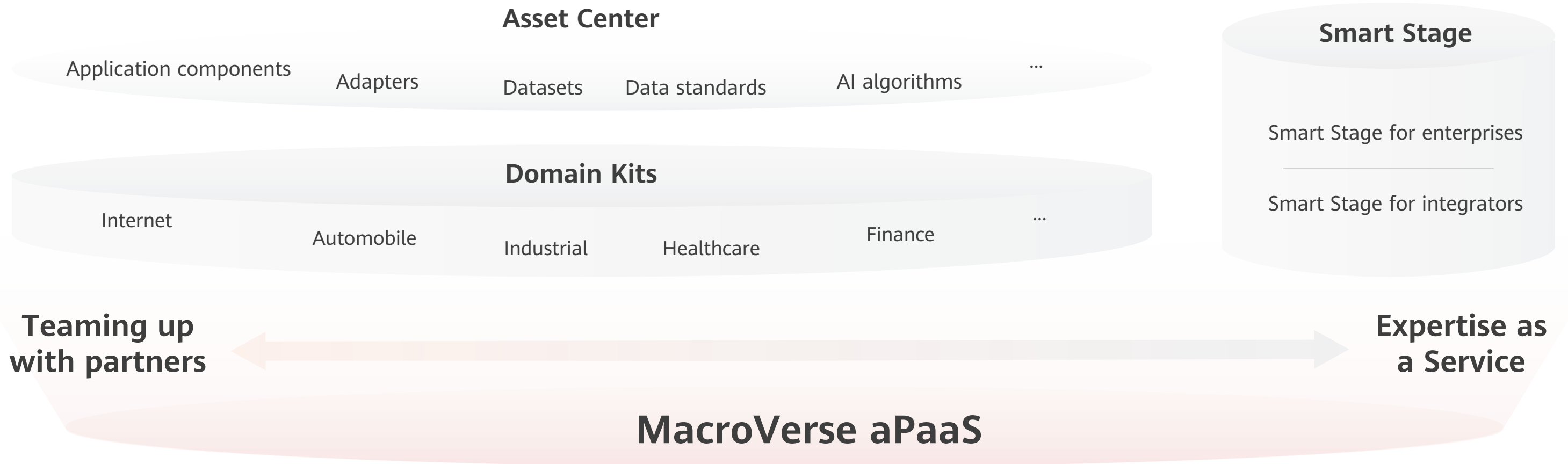
1080p video resolution
H.265 and perceptual encoding
50% reduced bit rate

AI-based processing

More AI special effects
Better AI noise reduction
AI scheduling for higher transmission reliability

Expertise as a Service

MacroVerse aPaaS: Tailoring Innovation to Every Scenario



Payment engine

Four types of global mobile payment services
YoY increase of apps integrating the services

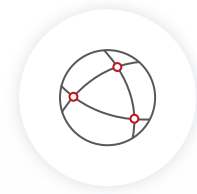
95%+



Ads engine

Effective reach

20+ verticals
3,000+ partners



Browsing engine

All-scenario content and service distribution

380M MAU



Map engine

Meets the positioning accuracy requirements in different scenarios

200M+ POI



Search engine

Effective traffic monetization
Integrated applications outside China

24,300

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