

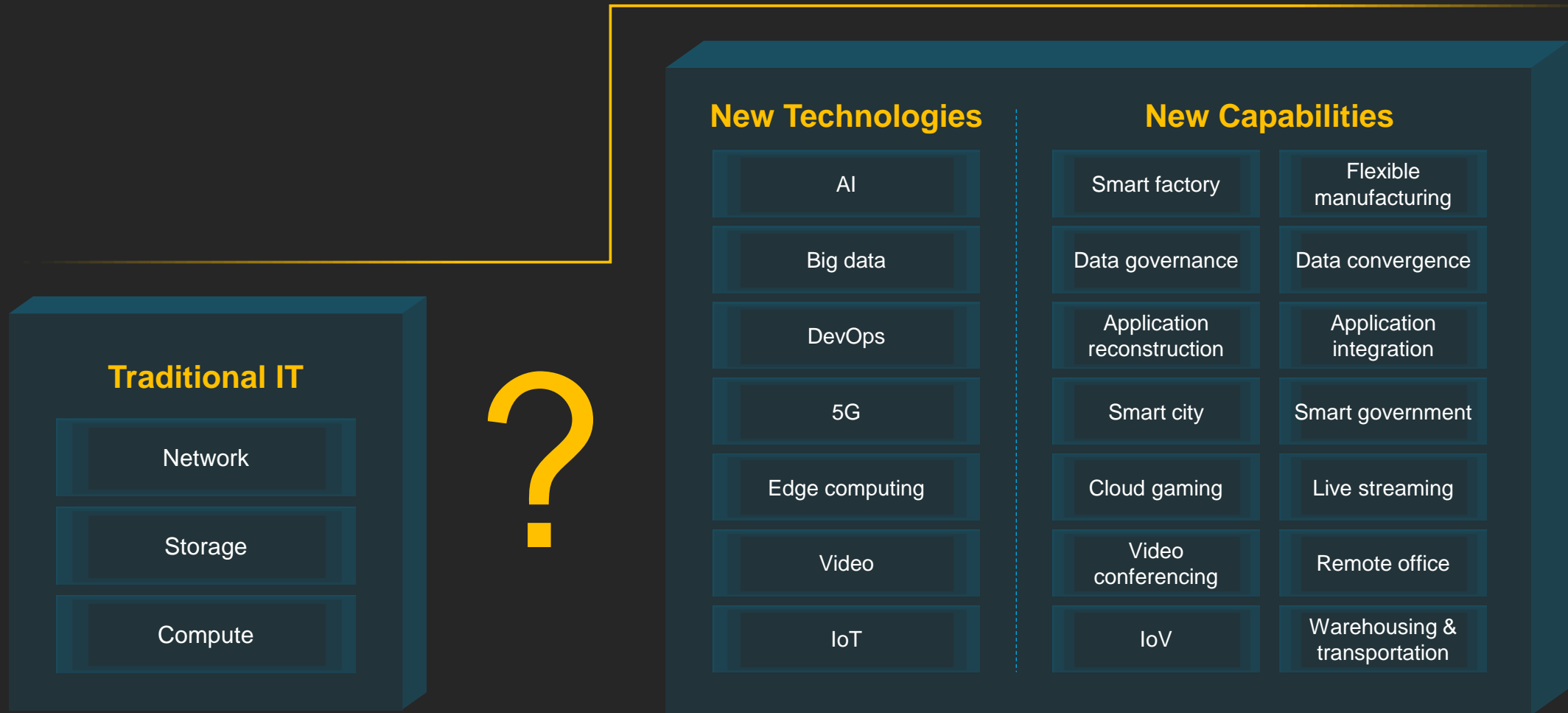


# HUAWEI CLOUD Full-stack Technological Innovation

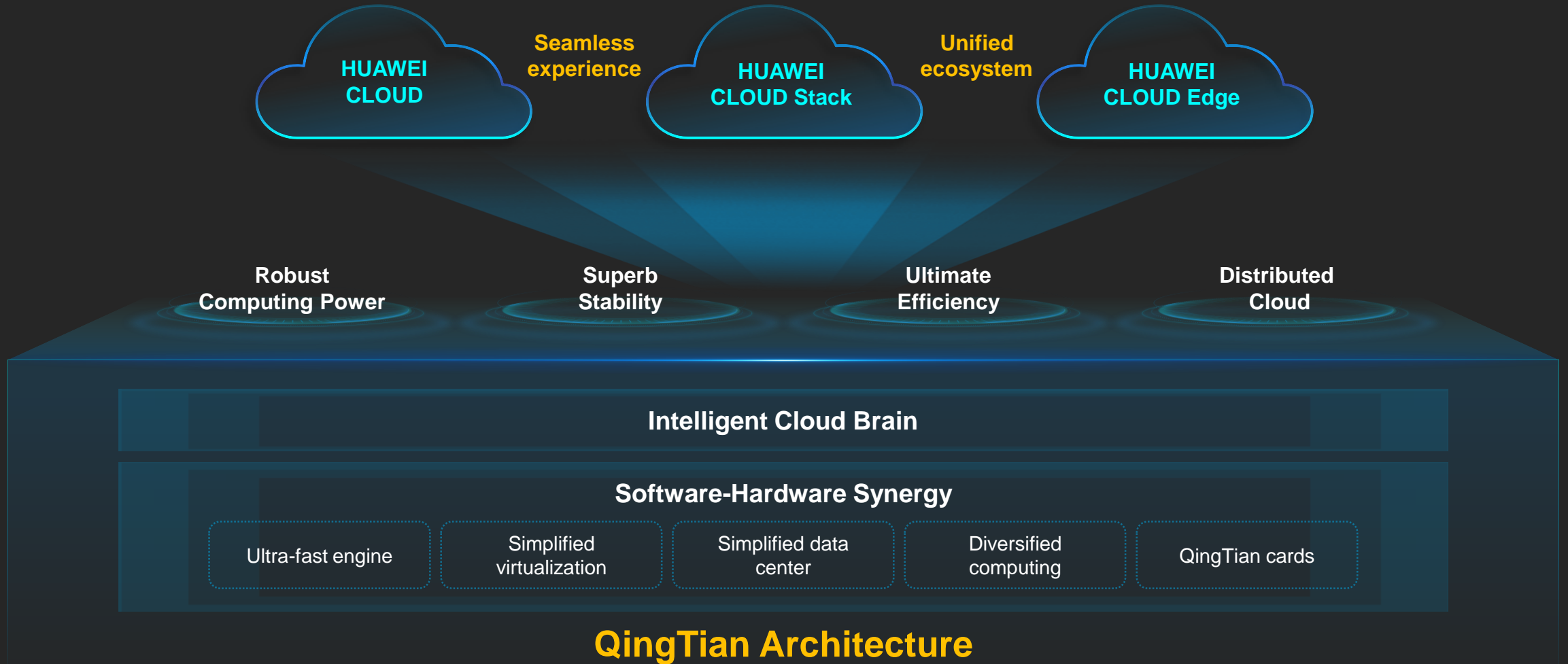
Roy Luo  
Regional Director, Huawei Cloud Business,  
Huawei Middle East



# New Technologies and Capabilities for Intelligent Transformation



# All Scenario Cloud Architecture



# A Consistent User Experience Across

**Synergy**

Cloud services  
Ecosystem

**Unified**

A single cloud  
Aggregated data  
Integrated applications

**Secure**

On-demand encryption  
Bring your own key (BYOK)  
Secure isolation

70+ cloud services in 10 categories

**0** Wait time

Continuous integration

**HUAWEI  
CLOUD**

**HUAWEI  
CLOUD Stack**

Consistent architecture, experience, and ecosystem

# Unleashing the Power of Huawei's Extensive Security Capabilities



# Enabling Intelligent Edge with IOT

## Activating IoT data value in different industries

### Connecting industries

Faster industrial digitalization



Industrial Internet



Road Digitalization



Smart Campus



Smart City



Smart Warehousing

More

## Multi options for designing different IoT solutions

### Connecting ecosystems

Easier monetization for partners

IoT hardware marketplace



IoT software marketplace

One-stop design

## Simplified device access

SDK pre-integration

Two AT commands completing device access

### Connecting things

Simpler connectivity

Multi-form deployment

HUAWEI CLOUD

HUAWEI CLOUD Stack

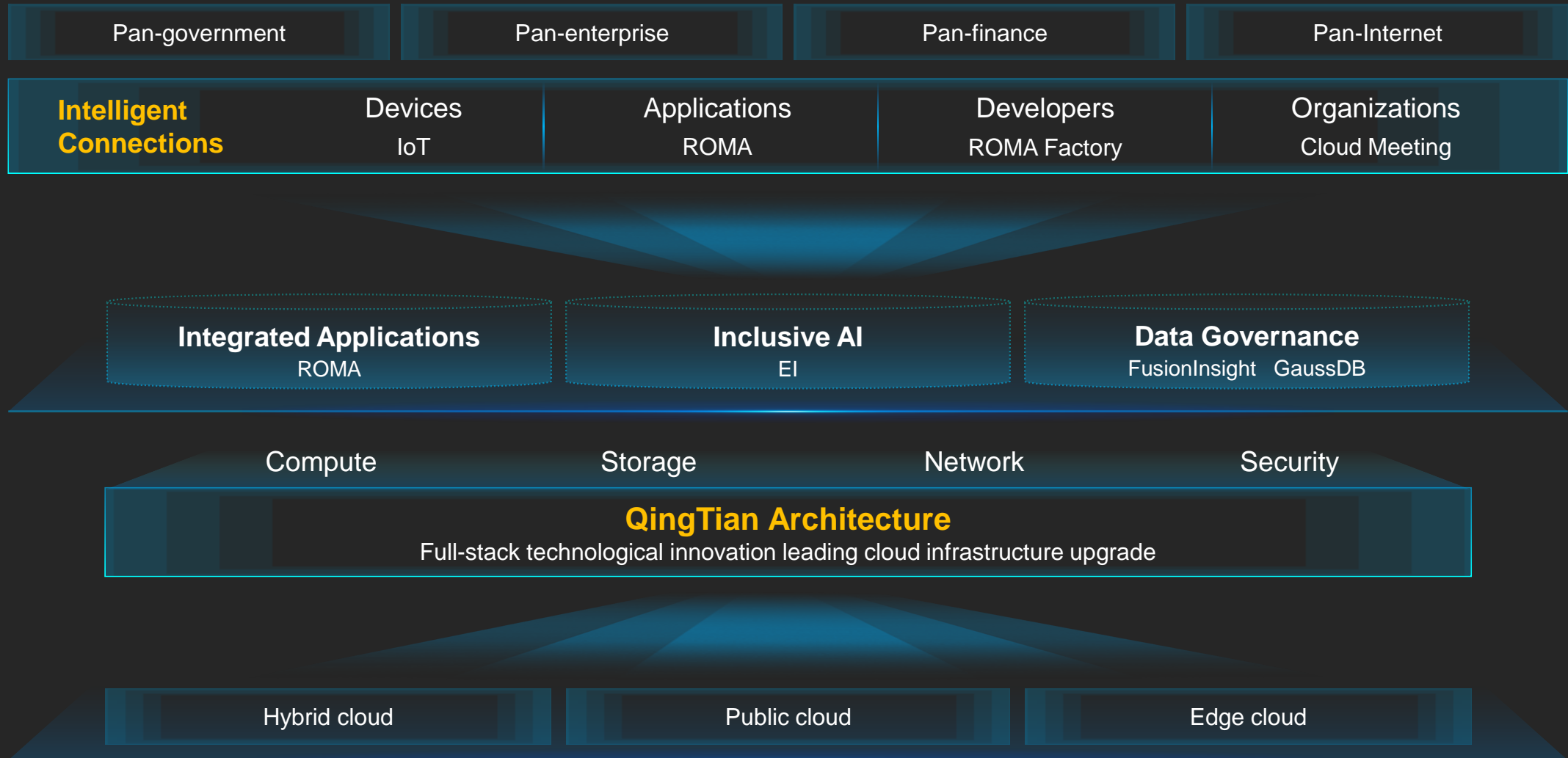
IoT Edge

Cloud

Local DCs

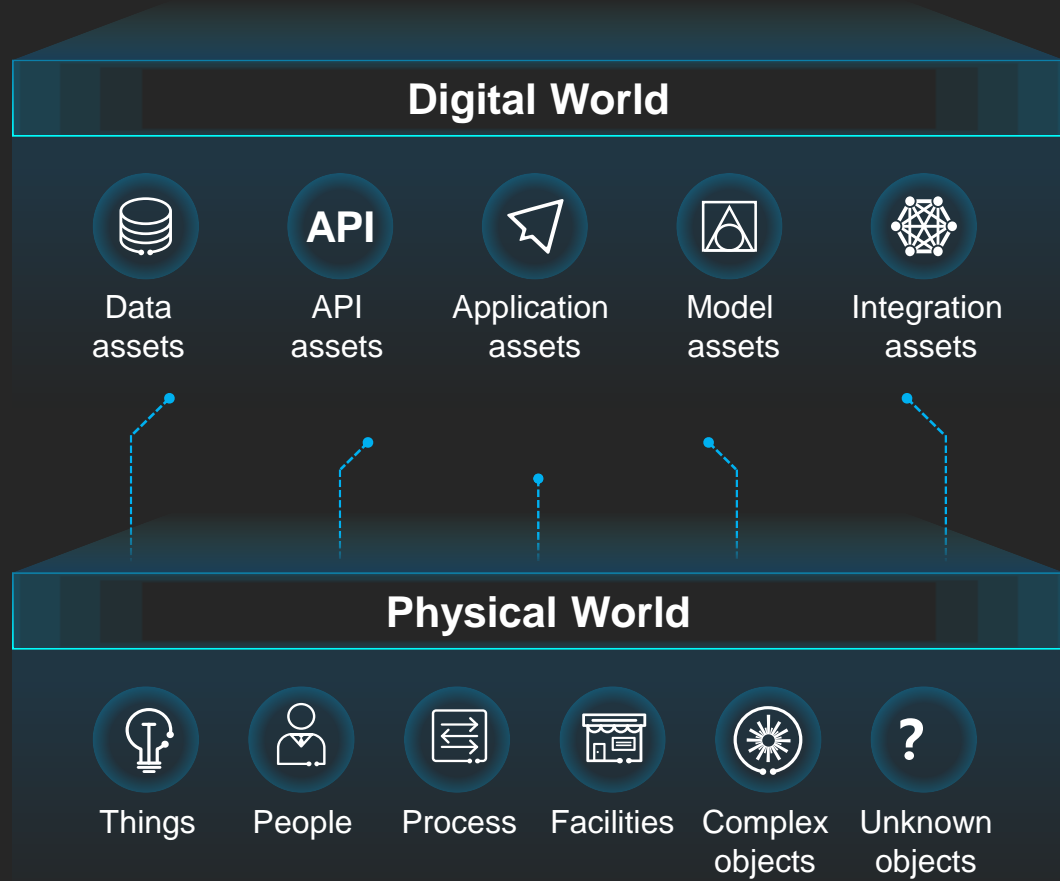
Devices

# Huawei Cloud Horizontal Digital Platform

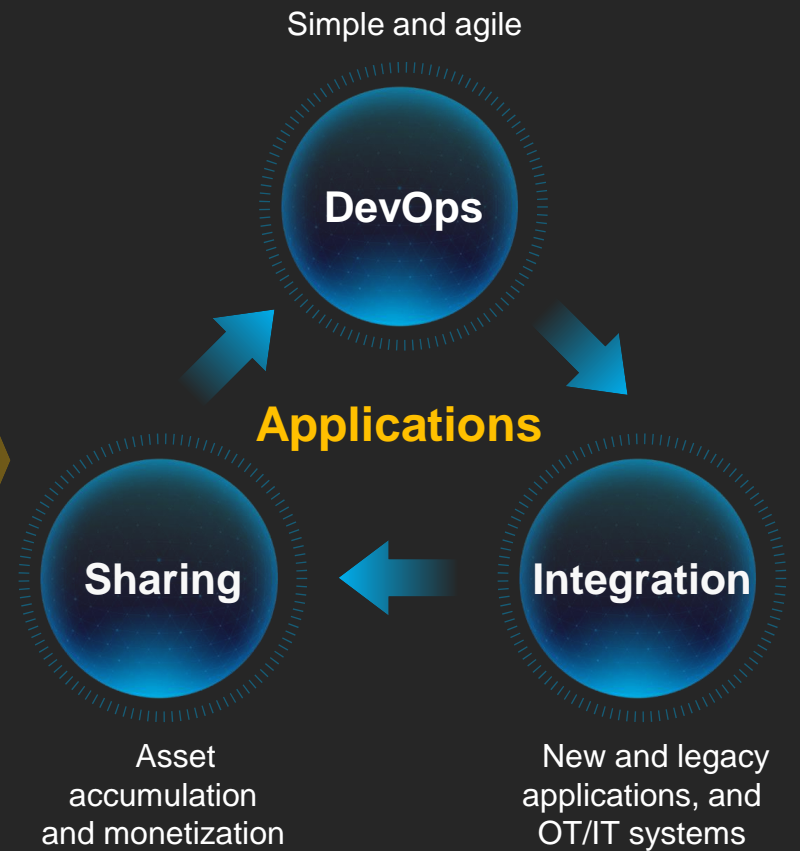


# Application Enablement Capabilities

## Booming digital assets



Digital asset governance





# Full Stack AI Capability

AI Intelligent Twins

ModelArts (One-Stop AI Development and Deployment Platform)

Pro

OCR suite

Vision suite

Knowledge graph suite

NLP suite

.....

AI marketplace

Fundamental

Notebook

RL

ML

Search

DL

Solver

GNN

AIBox

Difficulties in implementing AI

In sufficient data samples mean insufficient accuracy

Industry knowledge hard to obtain or express

Synergy between industry know-how and AI models

AI development platform still not available in complex industry scenarios

# Accelerating AI Adoption with ModelArts

## Pro: Know-how prefabrication in AI development

OCR suite

Knowledge graph suite

Vision suite

Multimodal development suite

Built-in algorithms

Step-based process

Workflow orchestration

Continuous iteration

## Fundamentals: one-stop development

AI beginners/AI professionals/AI app developers

Data

Data processing

Model training

Model management

Deployment

Auto labeling

ExeML

SDK/Pycharm

Few-shot learning

Hard example mining

## AI marketplace

Data

AI algorithms

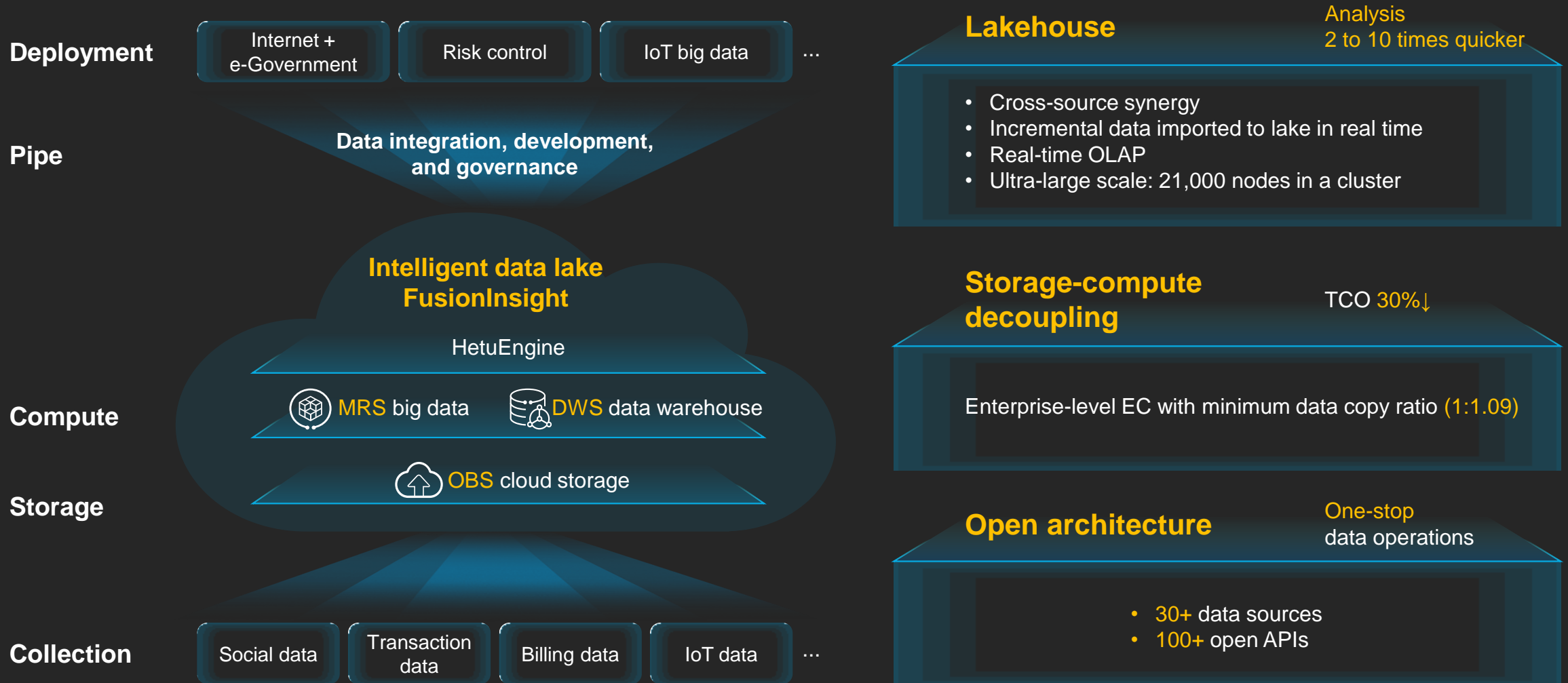
AI models

API

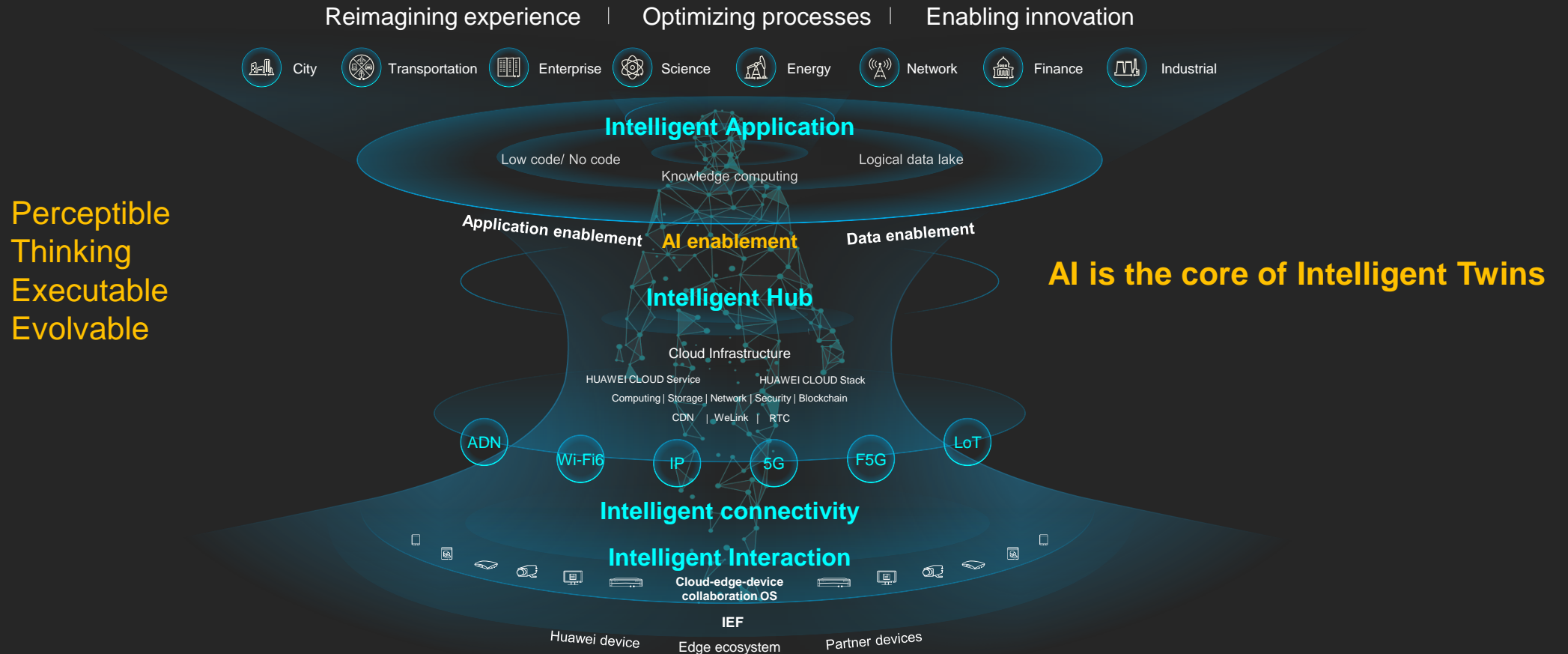
Publish

Subscribe

# Unified Data Lake with All Scenario Analytics



# Intelligent Twins: Reference Architecture for Advancing Intelligence



An integrated intelligent system with collaboration across cloud, network, edge & device

# Industry Specific Application Scenarios

## Safe & Smart City

(Smart Border Security, Patrolling & Campus)



## Smart Transportation

(Traffic light tuning and intelligent traffic diversion)



## Smart Education

(Talent Development, AI Talent Cultivation)



## Smart Energy

(Intelligent quality inspection and IT/OT Operation)



## Intelligent Care

(Smart Hospital)



## Digital Finance

(Smart Branch Construction, BaaS)





Thank You!

HUAWEI CLOUD  
Grow with Intelligence