



Leading New ICT, Powering Industry Digital Transformation

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The background features a futuristic, digital aesthetic with a dark blue to purple gradient. It is filled with glowing, curved lines and horizontal streaks of light, suggesting data flow and connectivity. Faint, repeating binary code (0s and 1s) is visible in the lower half of the image, creating a sense of depth and digital space.

Digitalization Trends

Digital Transformation Is Accelerating

Smart City



Bank 3.0



Smart Transportation



Smart Grid



Smart Manufacturing



Smart Education



New ISP

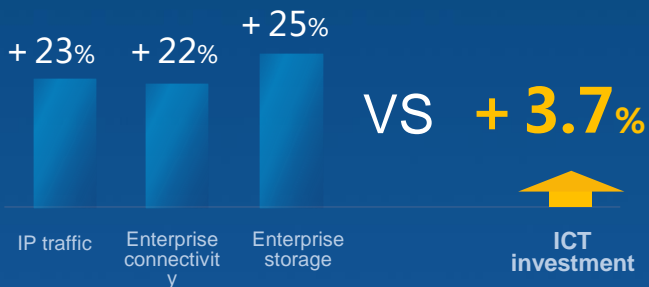
Higher Value ICT: From Support to Operations to Decision-Making



The ICT World Is Being Reshaped

The old layout is falling apart

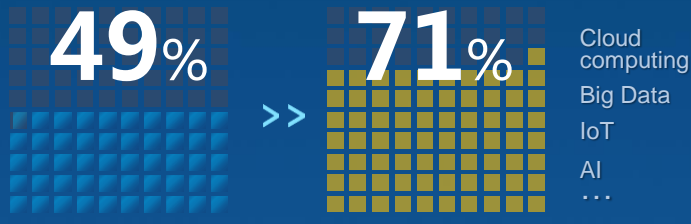
Source: Gartner



Low growth in traditional ICT investment

A new one is taking shape

Source: IDC



Proportion of investment in third-party platforms (2015–2020)

New ICT brings new opportunities

Cloud computing
Big Data
IoT
AI
...

Industries in the Midst of Digital Transformation



Cloud 1.0

- Internet companies led the first iteration
- Cloud-native, agile, innovative, experience-driven



Cloud 2.0

- Accelerated digital transformation
- Higher efficiency, excellent experience, new business/operational models driven by IOT, cloud, big data

DHL: IoT Enabling Smart Logistics

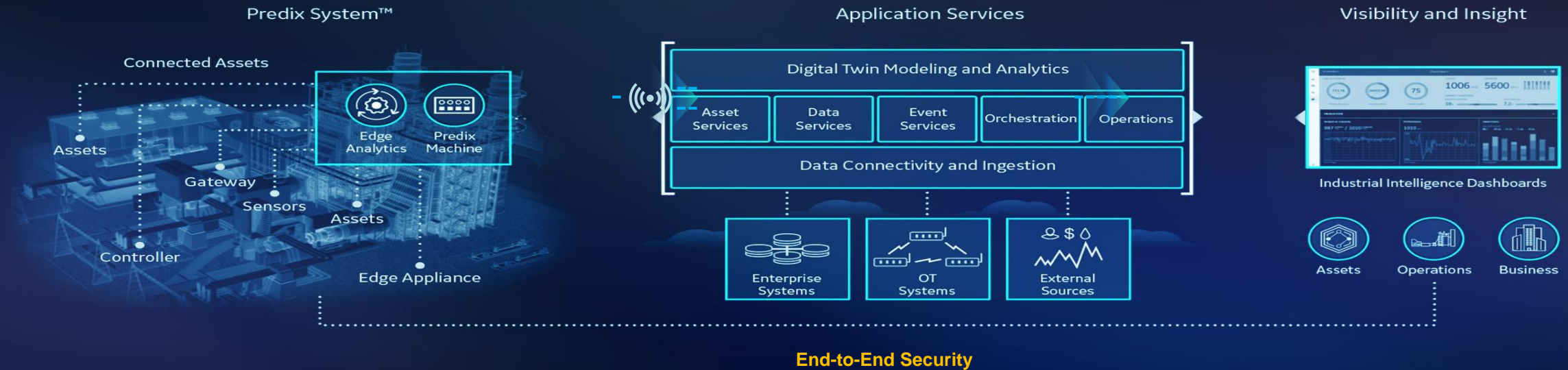


GE: Inventor and Practitioner of Industrial Internet, Connecting Machines with Intelligent Analytics

Edge

Cloud

Apps





Platform Strategy

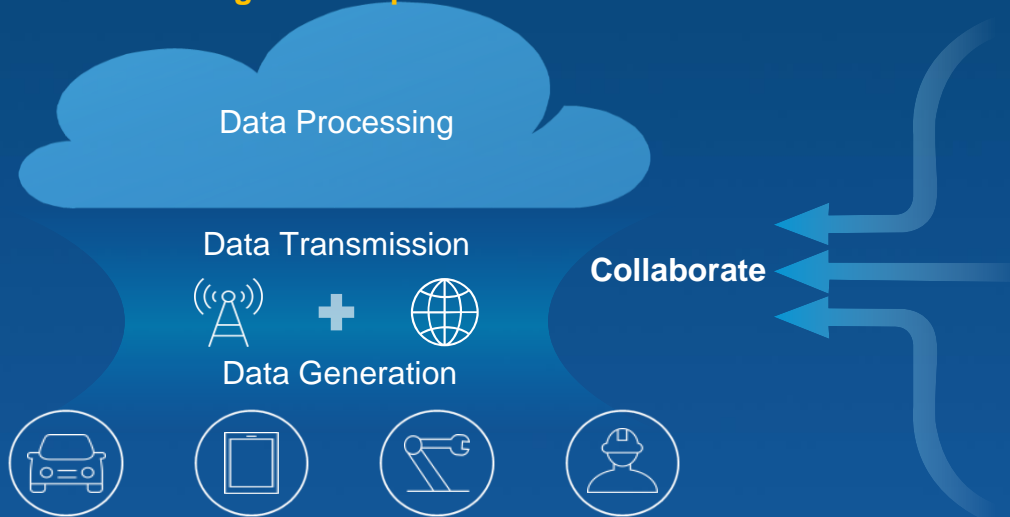
With continuous innovation, Huawei:

- Provides **innovative, differentiated, leading ICT hardware and software.**
- Builds an **open, elastic, flexible, and secure platform.**
- Works with **our partners** to address digital transformation challenges.
- Helps **customers** achieve business success.

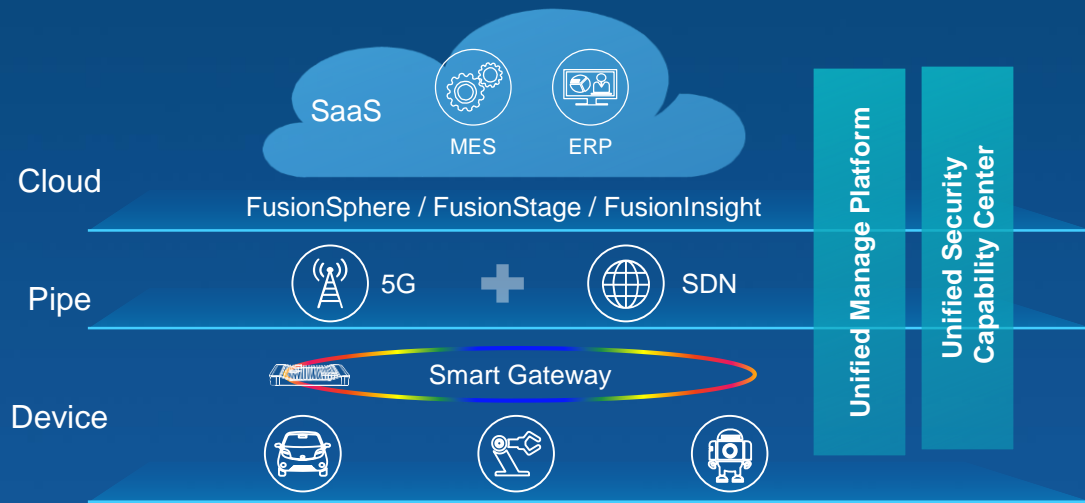
ICT Platform Featuring Cloud-Pipe-Device Collaboration: A Foundation for Digital Transformation of Industries

Digital Enterprise

Huawei's New ICT Platform Architecture Featuring Cloud-Pipe-Device Collaboration

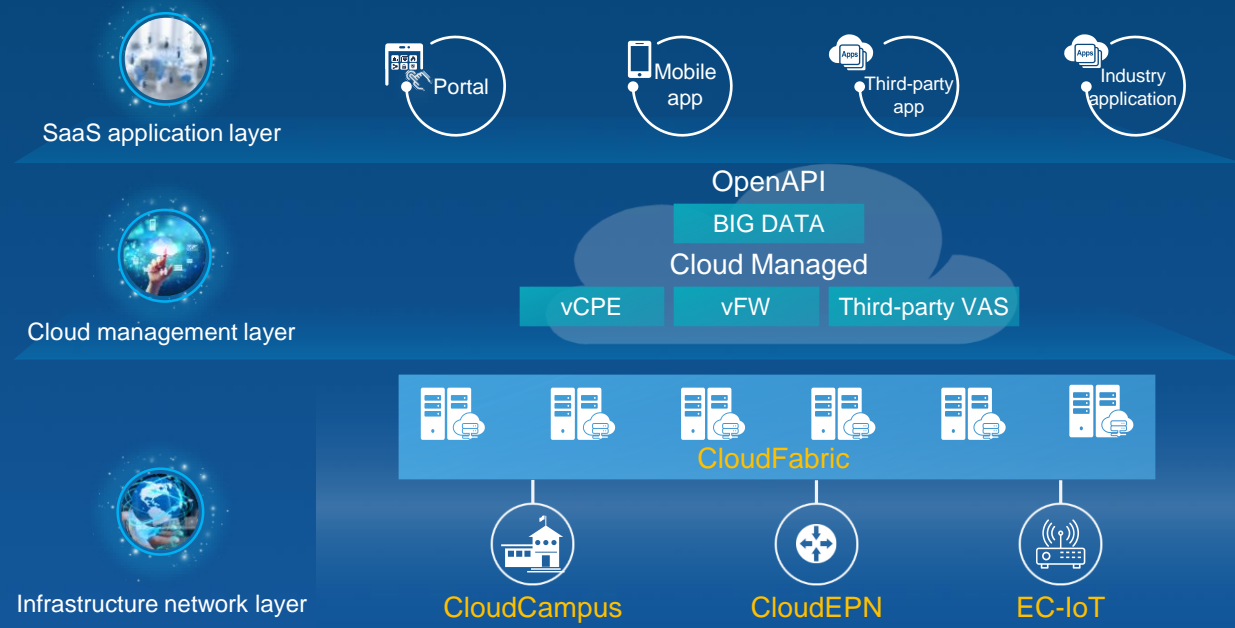


Data are penetrating all services in digital enterprises



Digital transformation starts from "Device". Do not focus only on "Cloud".

Enterprise Network: All-Cloud Network Empowering Digital Transformation



SDN Controller	CloudCampus
Agile CONTROLLER Agile Controller 3.0	Switches WLAN: AP

CloudFabric	
Programmable Data Center Switches Cloud Engine	DCI: Optical Transmission OSN902 Small Box, Large Capacity

EC-IOT
Branch Routers

CloudEPN
IoT Gateway

Enterprise IT: Elastic Hybrid Cloud Platform, On-demand Services

Private Cloud Service

Hybrid Cloud Service

Public Cloud Service

Compute/ Storage / Data Analysis / Video / Workspace / Web & Mobile / SAP / HPC ...



FusionCloud

Unified Resource

Compute

Storage

Network

One cloud, Unified Operation & Management

- Unified API
- Unified Architecture
- Unified Service

Continuous innovation makes computing simple

High-Density Server



FusionServer X6000 (Q1)

- Industry first to support full NVMe SSD (2U4), 10 times IOPS vs SATA SSD
- 50% less space vs 1U server @1M rack

STaaS enables on-demand data services

Enterprise Storage



OceanStor Dorado V3 (Q2)

- Active-Active disk array GW free , 99.9999% availability
- 1ms latency @Active-Active mode, no service-waiting for critical services

Cloud Enterprise Communications: Converged, Cloud-Based, Industry-Specific, Efficient

Enterprise Communications Cloud Platform (EC6.0)

Service Enablement Interface API, SDK



- VC/IPT/CC/Web conference Convergence
- Public cloud service
- Scenario-based SDK/API



IPT



VC



IM/Presence



Contact center

Industry's first "6-in-1" Huddle-Room Cloud Video Endpoint TE10



- **1 Minute** Deployment
- **20%** packet loss tolerance
- **50%** Bandwidth saving
- **Lync/Skype** Interconnection



FHD camera



Codec



Microphone



Speaker



Bluetooth & Wi-Fi



Bracket

Enterprise Wireless: Extend to Unlicensed LTE, Differentiated Industry Solution

eLTE-U
Unlicensed LTE

eLTE-IoT
Unlicensed IOT



Air-Node 3810A



CPE eA680-950



Module eM680-950

eLTE-U



Reliable Connection

Anti-interference



Mobility

Maximum Speed: 160km/h



Coverage

1KM@Mobile,3KM@FIXed



Air-Node 3710A



CPE eA300



IoT Module eM300

eLTE-IoT



Low Power Consumption

Up to 10 Years



Improved Coverage

Up to 10 km



Mass Connections

Up to 10K electricity meter Per cell

3GPP Trunking
Mission Critical PTT

Video Accessory

eFEC
Emergency Communication Vehicle



EP631S



EV751

3GPP Trunking



First MCPTT E2E Solution

6 Year+ experience in Broadband Trunking



Serialization terminal

5 professional terminals



(vehicle-mounted, body-worn, UAV)

Video Accessory



Emergency Communication Vehicle

eFEC

Network Energy: One-stop Small Data Center Solution, ICT Best Partner



FusionModule500

Load ≤ 3 kW

1-2 IT Cabinets

FusionModule800

Load ≤ 15 kW

2-8 IT Cabinets

All-in-one: power supply & distribution, monitoring, and cooling etc



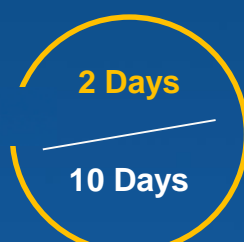
Simple Sales



Solution Finalization



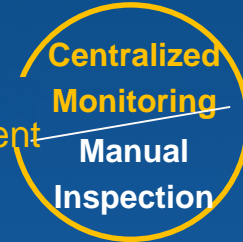
Simple Delivery



Delivery



Simple Management



O&M

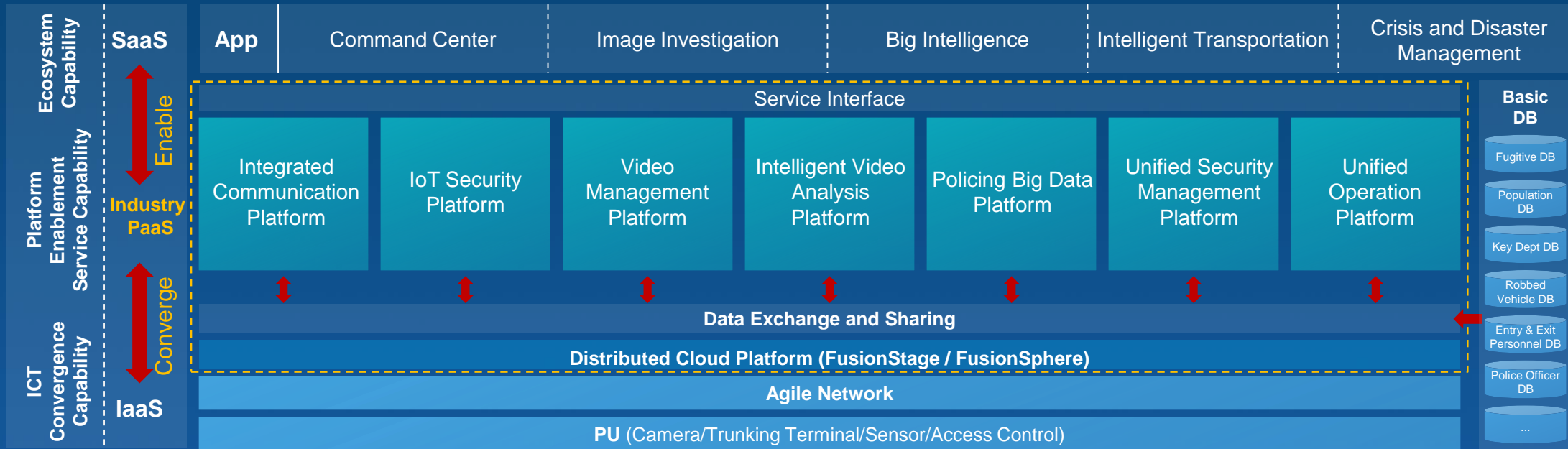
Business-Driven Joint Innovation: Building Leading, Differentiated Solutions



A wide-angle photograph of a lush green field, likely corn, stretching to the horizon. The sky is a clear, deep blue, and a single, dark silhouette of a tree is visible on the horizon line. The overall scene is bright and open, suggesting a rural or agricultural setting.

Powering Digital Transformation For Different Industry

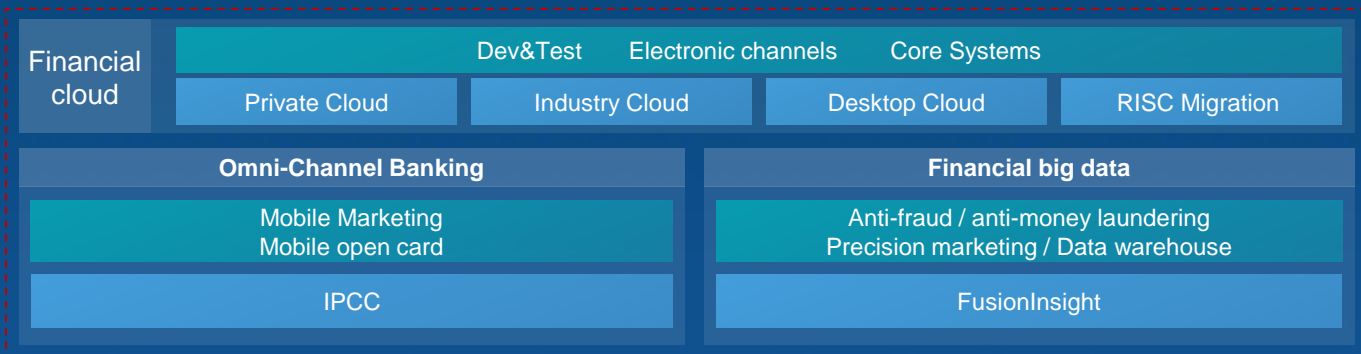
Public Safety: Building Industry PaaS to Gain a Continuous Edge in Solutions



Huawei : Improve solution competitiveness, build open industry platform based on ICT

Partner : Supply industry application , business algorithm, etc.

Finance: Focus on three key scenarios - Financial cloud, Financial Big Data, Omni-Channel in banking digital transformation



Financial Cloud

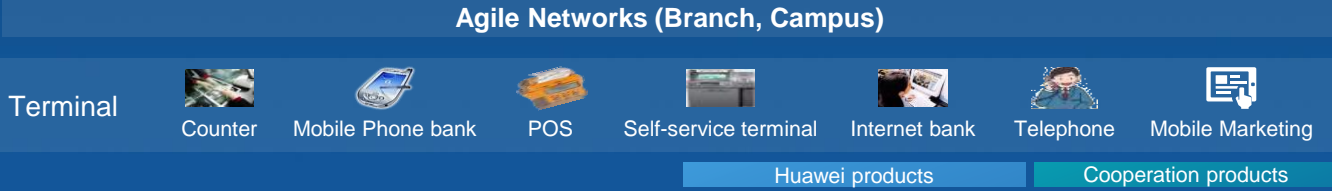
- Core Banking base on Kunlun Server
- Mobile Banking base on PaaS

Financial big data

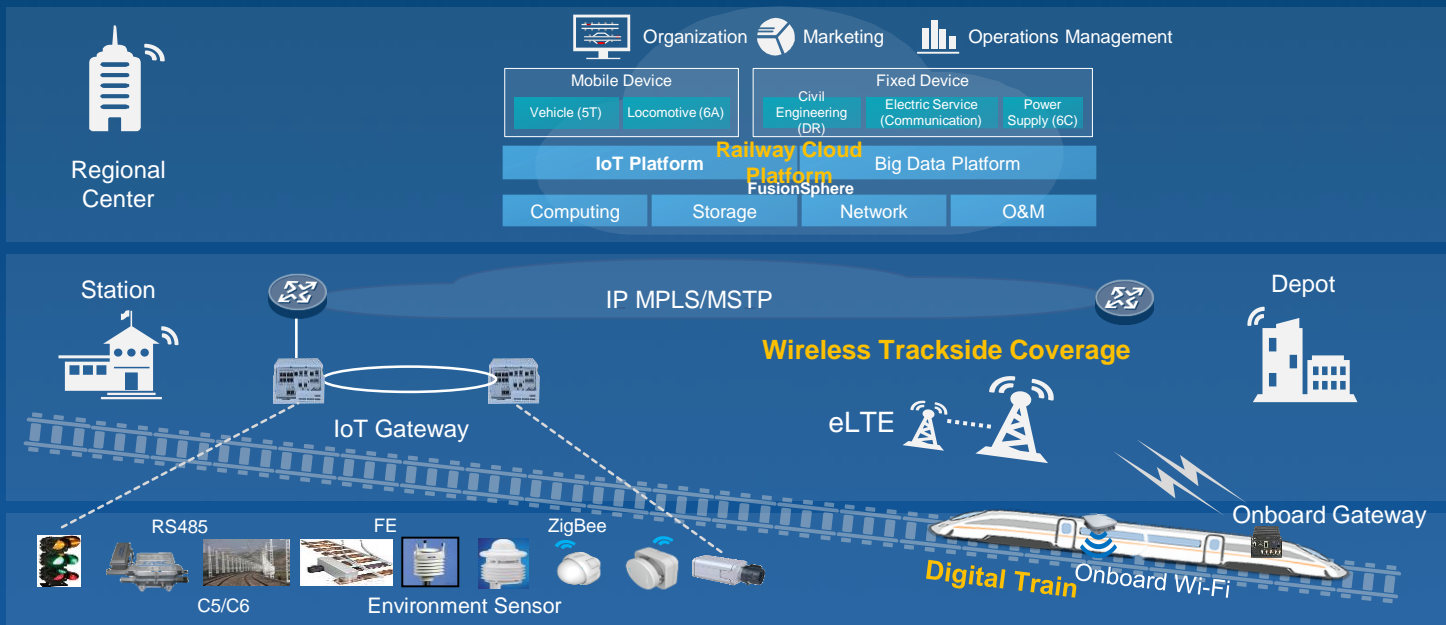
- Real-time anti-fraud
- Data warehouse
- Anti-money laundering

Omni-Channel Banking

- Multi-terminals with consistent audio and video experience: VTM, mobile phones, PAD
- Face recognition, mobile counter, multi-screen recording



Transportation: IoT and Cloud Digitally Transform Transportation



The Second Trackside Wireless Network

- High-speed Train to Ground broadband communication: 100 Mbit/s @ 350 km/h
- Trackside IoT: 10 km coverage, 10 years battery life
- Voice trunking: 3GPP, emergency call, local-site trunking

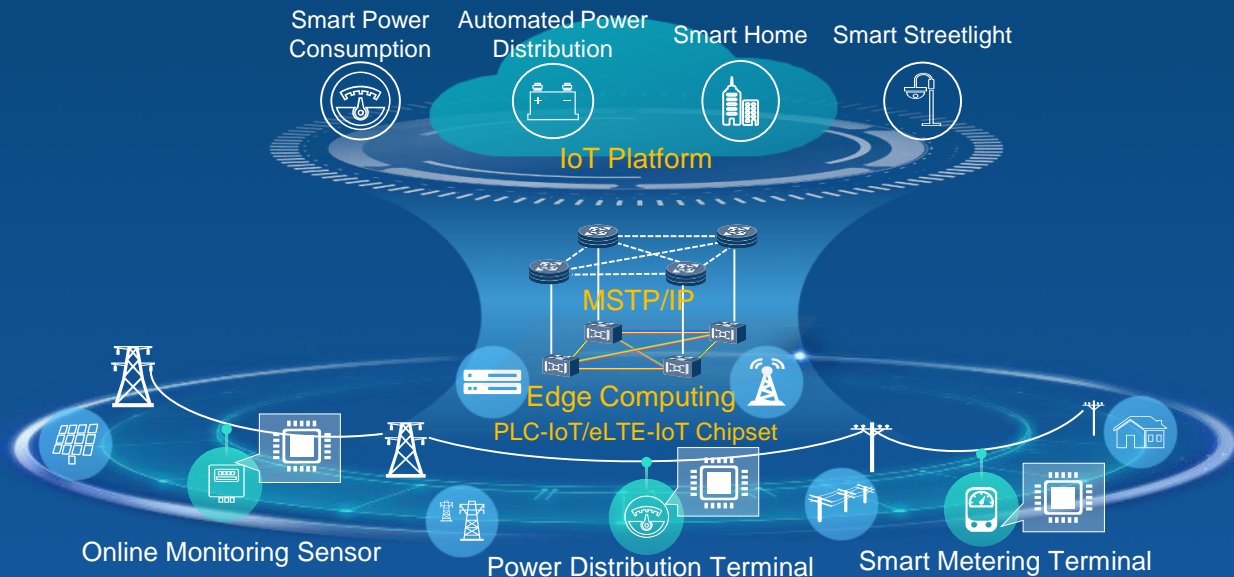
Digital Train

- Multi-link convergence, intelligent path selection
- Onboard local server capability, open architecture

Converged Railway Cloud Platform

- Shared ICT improves resource usage
- Integrated IoT and Big Data platform
- Gradually enables cloud-based railway businesses

Smart Grid : ICT Featuring Device, Pipe, and Cloud Collaboration Redefines Better Connected Smart Grid



Power Cloud

- The IoT platform featuring device, pipe, and cloud collaboration aggregates partners' applications
- Electric Big Data



Power Communication Network

- MSTP network based on soft and hard pipes
- Reliable, simplified IP network



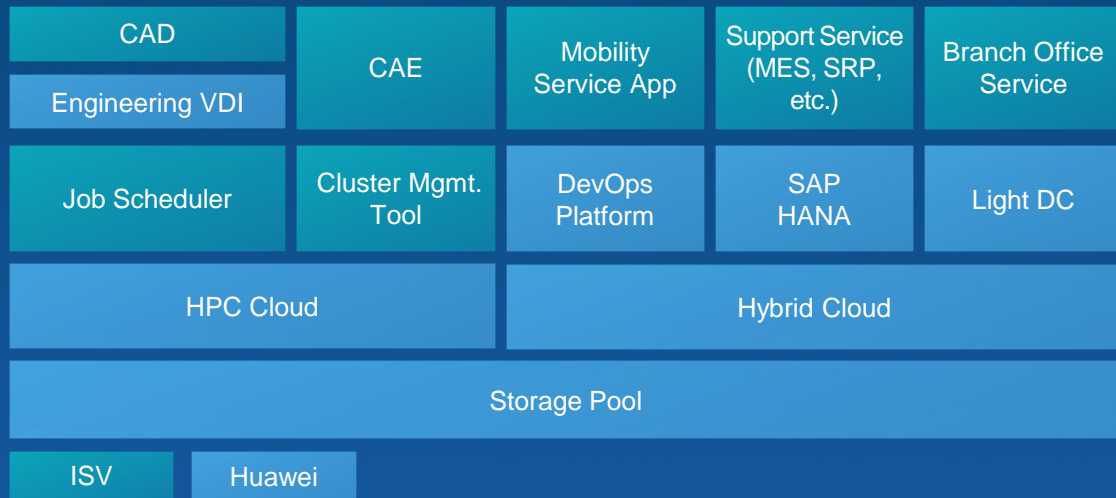
Power IoT

- Edge computing
- Ubiquitous access communication and modules aggregate partners' terminals

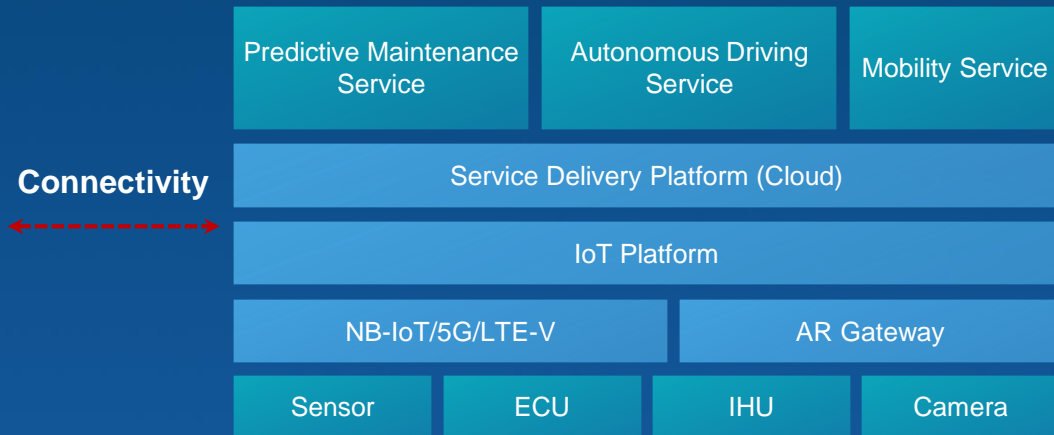
Automotive Manufacturing: From Design and R&D to Car IT

In the future, new R&D employees will automatically obtain resources by choosing software and templates rather than from IT systems. Openness and Unified ICT infrastructure help Automotive transform to mobility service operator.

Creating products and services (vehicles and mobility)



Service operations



Huawei Solutions: Winning Extensive Customer Recognition



140+

governments and public agencies



300+

financial services institutions



170+

power companies



220,000+ km

railways & highways



38,000+ km

oil & gas pipelines



3/Top10

automotive enterprises

An aerial photograph of two rowing teams on a bright green lake. The teams are in long, narrow rowing shells, and their oars are visible in the water. Several colorful ropes (yellow, blue, red) are stretched across the water, likely marking a course. The overall scene is dynamic and energetic.

THANK YOU

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