

Ahmed Riad



27 April 2021

Huawei: Leading provider of ICT infrastructure and smart devices



Bring digital to every person, home and organization for a fully connected, intelligent world

197,000 employees



170+ countries and regions 53.4% R&D employees

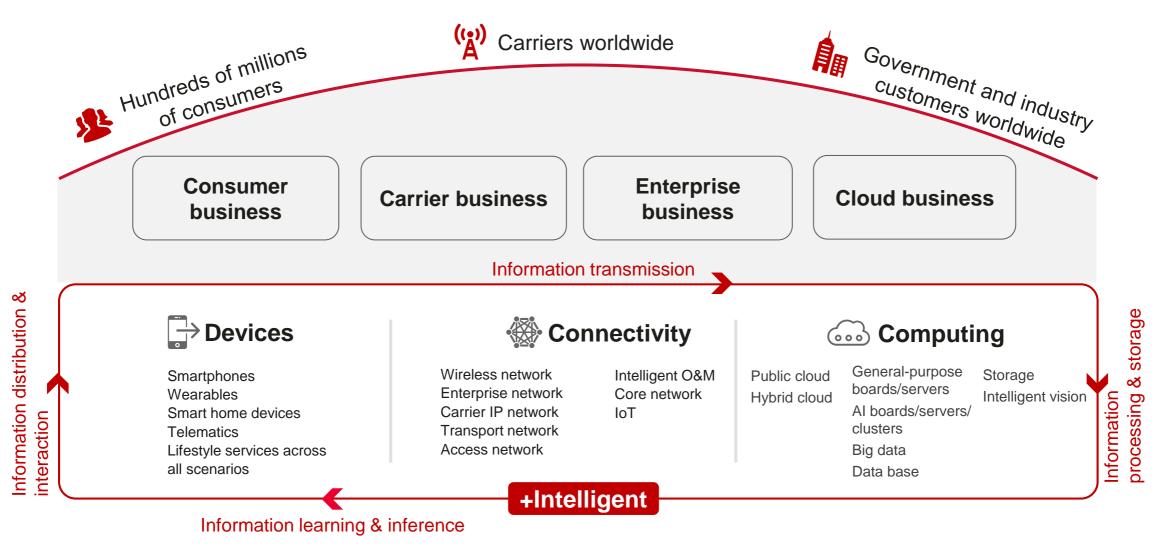


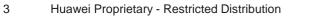
No. 3 No. in R&D on Glo investment

No. 49 on Global 500



ICT products and services for three types of customers







Bring digital to every person, home and organization for a fully connected, intelligent world

170+ countries have digital strategies

UK

- Digital: Digital Strategy, Digital Charter
- 5G: Next Generation Mobile Technologies: A 5G Strategy for the UK
- Al: Industrial Strategy Al Sector Deal

France

- Digital: Digital France
- 5G: 5G An ambitious roadmap for France
- Al: National Strategy on Al

South Korea

- Digital: Manufacturing Industry Innovation 3.0
- **5G:** Mobile communications development strategy to launch 5G commercial services in 2020
- AI: AI R&D strategy

Japan

- Digital: White Paper on Manufacturing Industries
- 5G: Commercial launch of 5G in 2020
- AI: AI Technology Strategy

Singapore: Smart Nation 2025

Thailand: Thailand 4.0

Malaysia: Shared Prosperity Vision 2030 Indonesia: Digital Indonesia, National Al Strategy Philippines: Philippine Digital Transformation Strategy 2022

Germany

- Digital: Industry 4.0, Digital Strategy 2025
- 5G: 5G Strategy for Germany
- AI: Key Points for a Federal Government Strategy on Artificial Intelligence, AI made in Germany

Russia

- Digital: Digital Economy Strategy
- Al: National Strategy for the Development of Artificial Intelligence for the period until 2030

170+ countries with digital strategies
50+ countries have AI strategies

GDP 1% ↑ as ICT investment 20% ↑

Global digital economy is growing **2.5** times faster than global GDP.

- Saudi Arabia
- Digital: Saudi Vision 2030
- AI: National Data and AI Strategy
- **Digital:** The UAE Centennial 2071
- AI: National Artificial Intelligence Strategy 2031

· Digital: Made in India, Digital India

• AI: National Strategy for Artificial

India

Intelligence

China

- **Digital:** Digital China, Broadband China, Internet+, New Infrastructure
- **5G:** 5G has been listed as a strategic emerging industry in the 13th Five-Year Plan
- Al: Next-Generation Artificial Intelligence Development
 Plan

Canada

- Digital: Digital Canada 150
 Al: Pan-Canadian Artificial
- Intelligence Strategy

US

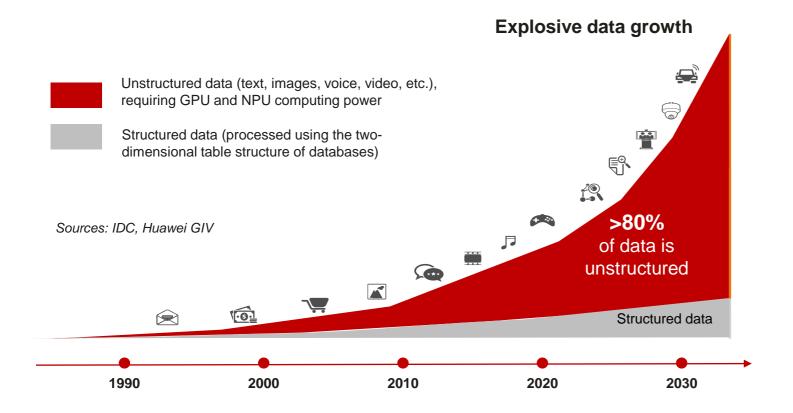
- Digital: Strategy for American Leadership in Advanced Manufacturing, Industrial Internet
- **5G:** National Security Strategy; 5G deployed nationwide
- Al: Al Initiative; House Select Committee on Artificial Intelligence appointed

Brazil

- Digital: The Brazilian Digital Transformation Strategy
- Al: National Al Strategy



An explosion of data presents both challenges and opportunities to storage and computing



Insufficient storage, poor data flow Less than 2% of data is stored

Slow computing and poor utilization Less than 10% of data is used



The 4th Industrial Revolution is accelerating our pace towards an intelligent world

The 4th Industrial Revolution



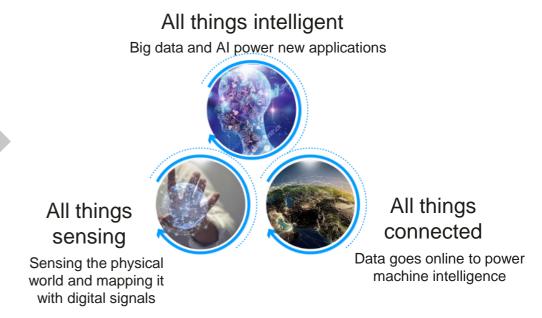
Intelligent technology

Digitalization across industries 1.5 trillion Reta 5.0 1.1 trillion T trillion 0.9 trillion Fransportatio X 2.9 6.43.0 trillion trillion Manufacturing Social services Professional

Digital opportunities in 2025 Sources: Huawei GIV 2025, Digital Spillover

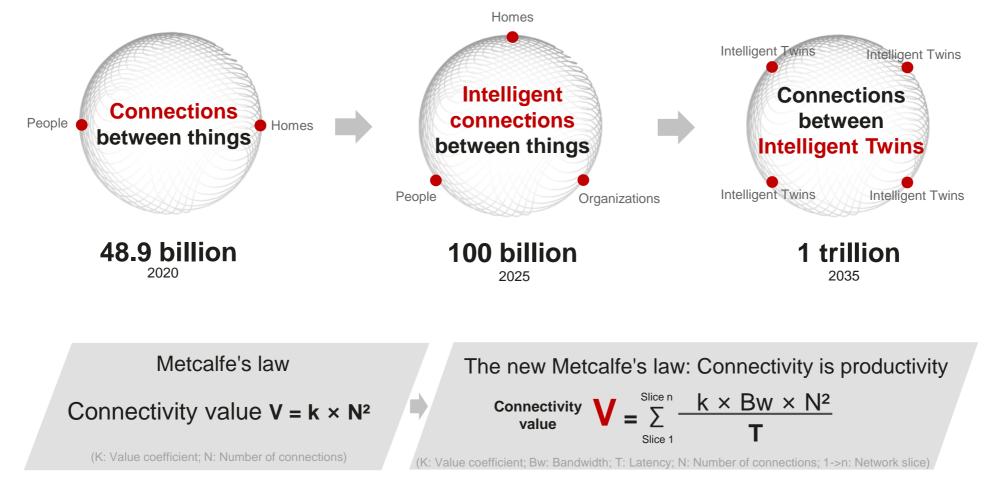
services







Connectivity is playing a bigger role

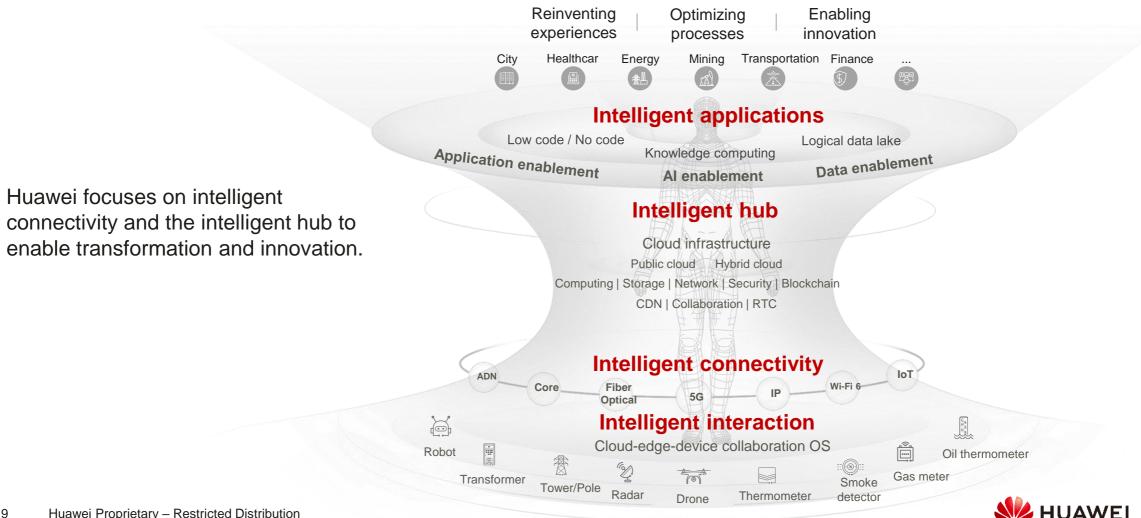


Source: Huawei GIV, ARM



Synergizing tech domains and providing Intelligent Twins for intelligent upgrades

Intelligent Twin: A reference architecture for intelligent upgrades



Bring digital to every person, home and organization for a fully connected, intelligent world

3.7 billion still unconnected

Huawei's TECH4ALL digital inclusion initiative

SUSTAINABLE GOALS



Four High-impact Domains

TECH4ALL believes that for the world to grow, develop, and transform, everyone is entitled to four basic rights.

Leaving no one behind in the digital world

Education Driving equity and quality in education **Environment** Tech for a better planet **Healthcare** Driving inclusive health with technology

Development Using ICT to boost rural development





Huawei's TECH4ALL Digital inclusion initiative

SUSTAINABLE GOALS



Three Areas of Focus

TECH4ALL begins with three core areas of focus that we believe will help us build a fully inclusive digital society

Technology

To make digital technologies affordable for developing regions with scalable, low-cost products and solutions.



Applications

To create digital ecosystems and help developers build applications for different communities and industries.



Skills

To work with local governments, communities, organizations, and other partners to improve society's digital skillset



Actions speak louder than words: Creating a better, sustainable future together

