



Intelligent World 2035
智能世界 2035

Explore the Unknown. Shape the Future.

探索未知，跃见未来

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ICT基础设施与终端

ICT infrastructure and smart devices




170+ Countries and regions, 3B+ Customers

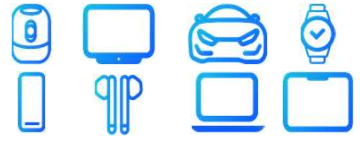
ICT助力消费、生产、科研、教育升级

ICT for X

Consumption



开口说话
不是人人有生俱来的能力



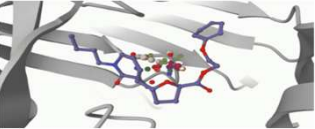
Convenient & premium services

Production

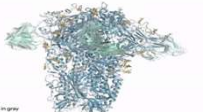
Intelligent Manufacturing Steelmaking furnace power costs: \downarrow 2M\$/y	Intelligent Construction Central AC energy consumption: \downarrow 15%
Intelligent Finance Financial anomaly detection accuracy: \uparrow 20%	Intelligent Marketing Sales conversion rate: \uparrow 30%
Intelligent Legal Affairs File review labor costs: \downarrow 50x	Drug Development R&D cycle: \downarrow 10x
Intelligent Manufacturing Huawei Southern Factory IQC detection rate: 99%	Intelligent Logistics 72-hours express delivery rate: \uparrow 80%
Intelligent Power System Power line inspection: 80x faster	Intelligent Transportation Unknown fault detection rate: \uparrow 1x

Safe & efficient production

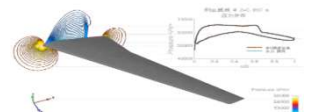
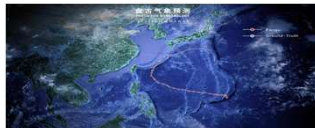
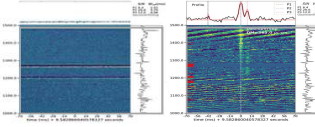
Science & technology



7PNM



Ground truth shown in grey

Accelerated discovery & problem-solving

Education



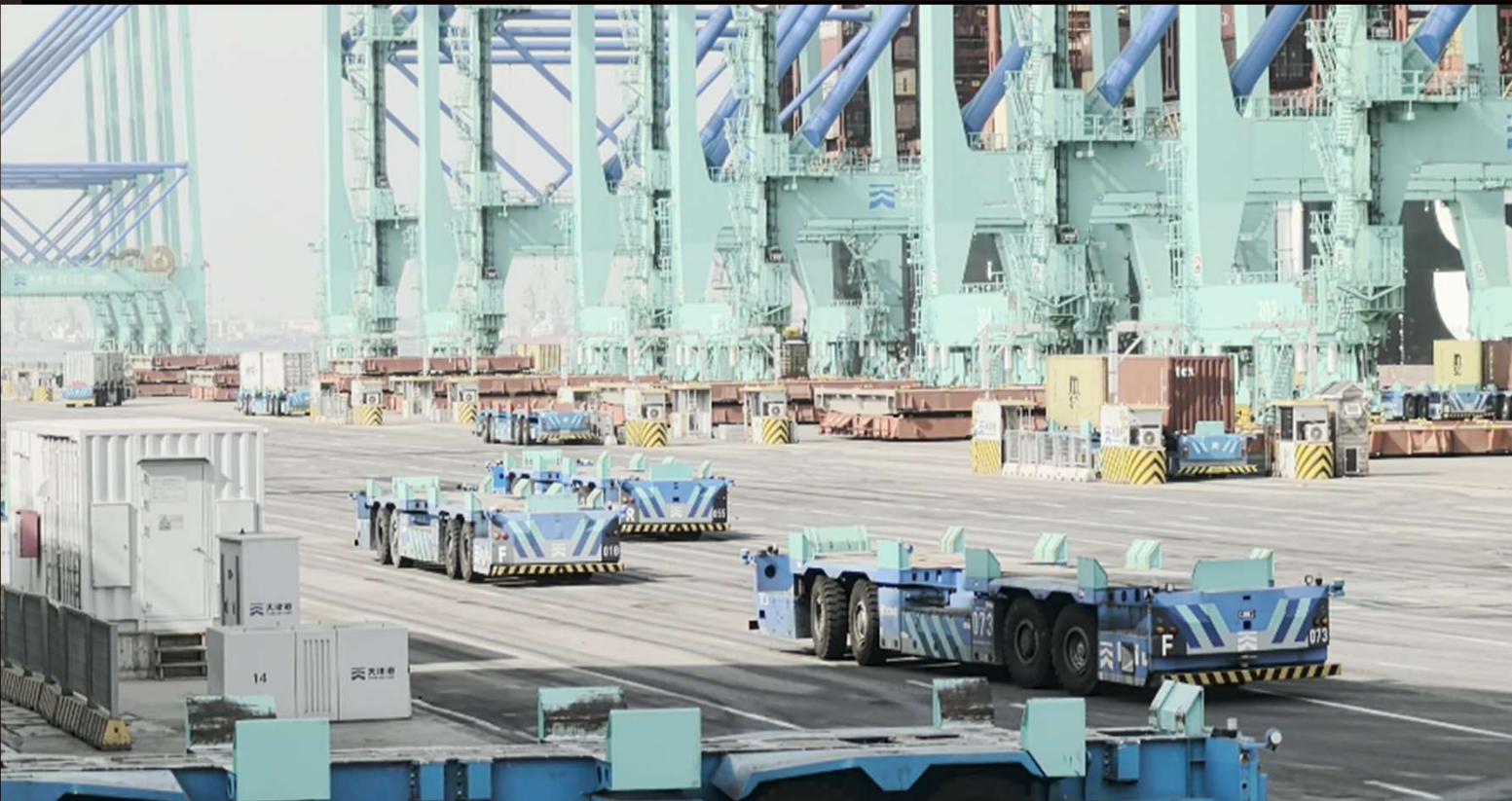



天生会画

Personalization & Adaptation

港口升级

Upgrading of modern port



1 Safety: Awarded the title of "Safe Project" in the 2021 National Highway and Waterway Construction, and rated as the **highest level** "Promotion" case.

Loading and unloading speed: In March 2025, during the operation of the "Mediterranean Samar" vessel, the berthing efficiency reached 329 natural boxes/hour, and the peak efficiency reached 416 natural boxes/hour, **setting a new record**.

Green energy: Five wind turbines and solar panels, with a "wind-solar-storage-load integration" system of about 25MW, generate 63 million kWh annually, achieving **100% green electric power** supply.

2 Single-bridge crane efficiency increased by **20%**, and single-container energy consumption reduced by **20%**.

3 Investment savings of **30%**.

炼钢升级

Upgrading of modern steel-making



-9% Process Energy

-20% Quality Costs

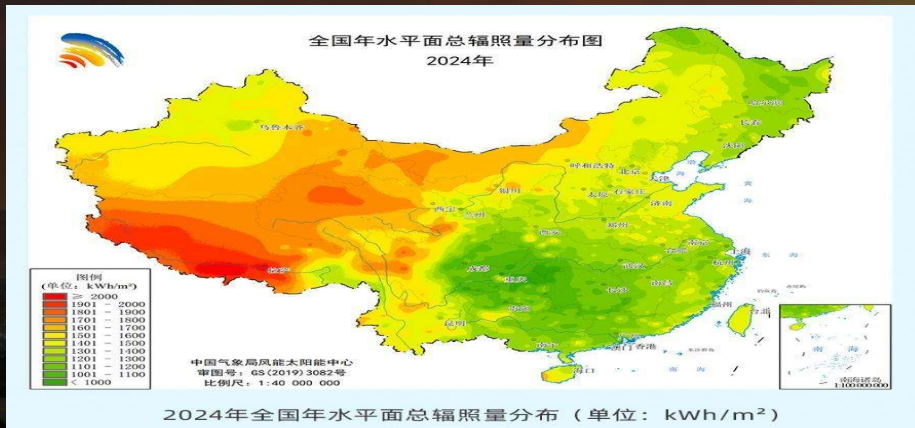
+30% Production Efficiency

+75% Logistics Efficiency

90M ¥ Output Value

太阳能发电站升级

Upgrading of modern solar-power station



Generation

Coal 0.3 ¥ ~ 0.6 ¥ per kWh
Solar 0.1 ¥ ~ 0.28 ¥ per kWh

Storage

Solar Thermal (+Storage) 0.55 ¥ per kWh
Battery 0.62 ¥ ~ 0.82 ¥ per kWh

Usage (Trucks)

Diesel 2 ¥ ~ 3 ¥ per kilometer
Electric 1 ¥ per kilometer

数字世界正在奔向奇点

The digital world is approaching the singularity

Mobile broadband traffic per month in China (exabytes)



Small models → Large models

Computing power required for AI algorithms

over the last 10 years



400,000 X ↑

1865
Maxwell's
equation

1924
Nyquist's law

1926
Schrödinger
equation

1930
Computability
theory

1946
Von Neumann's
architecture

1948
Shannon's laws

1965
Moore's law

Beyond singularity

Hypotheses for the next decade

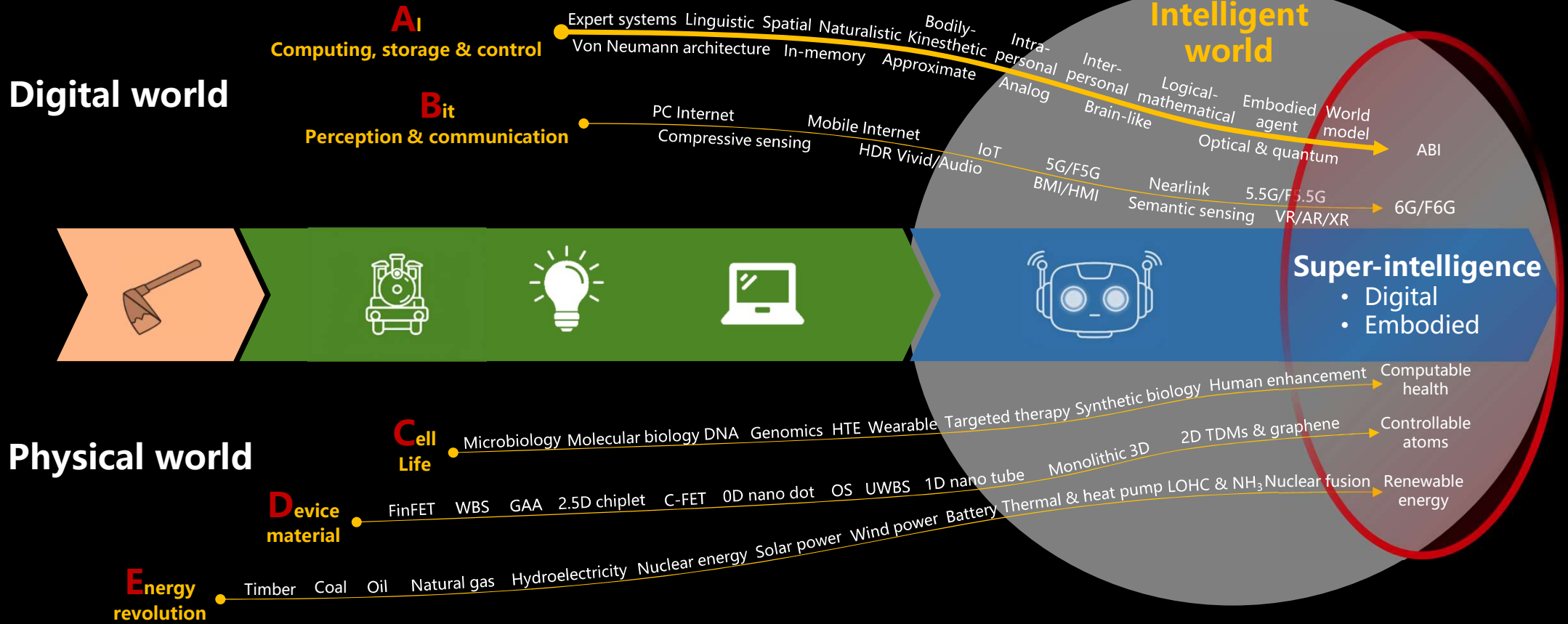
Network connections: ↑100X

Storage capacity: ↑500X

Computing requirements: ↑100,000X

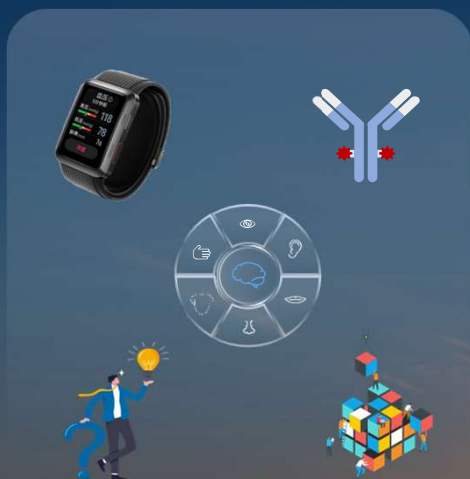
数字世界和物理世界的全面智能化

Comprehensive Intelligence of the Digital and Physical Worlds



建设更加美好的世界 Build a better world

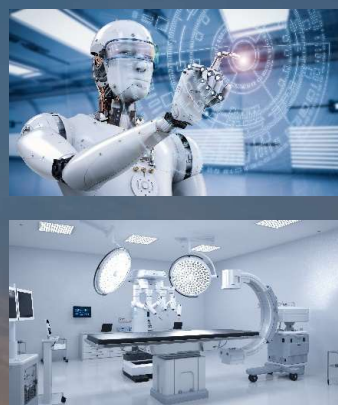
Human beings



Wearable and drug design
Attention, curiosity and creativity

Body and mind

Robotics



Better perception, causal
computing and action

Production and service
Research and development

Environment



Green and vibrant nature
Better city, air mobility and
space

Sustainability and diversity

Digital world



Everyday life and learning
Digital twins

Virtual-reality digital world

10

Megatrends

Advancing with AI: 10 technological leaps will bring us to the intelligent world of 2035

与AI共进，通往智能世界2035的十大技术跃迁

- 1 Physical convergence for AGI
走向物理世界是AGI形成的必由之路
- 2 AI agents computing: Tools → Decision-making partners
AI智能体计算：执行工具 → 决策伙伴
- 3 Human-AI programming reshaping the future of software
人机协同编程，重塑软件未来
- 4 From sight and sound to full sensory integration
感官体验：视觉+听觉 → 五感融合
- 5 Graphic User Interfaces → Spatial Multimodal User Interfaces
交互范式：GUI → SMUI 空间多模态交互
- 6 L4+ autonomous driving
L4+自动驾驶汽车将会走入人们的生活
- 7 Rethinking computing beyond von Neumann
突破冯·诺依曼架构，计算范式革命
- 8 Storage redefined for agentic AI
Agentic AI驱动存储范式变革
- 9 New network connections: 9 bn people → 900 bn AI agents
通信网络连接对象：90亿人 → 9000亿智能体
- 10 Intelligent sensing energy systems
智能，将成为能源网络的“神经系统”

今天，我们对未来的所有想象都是保守的

Everything we imagine today is too little for tomorrow

“超越人类极限，做宇宙的主人”

"TRANSIRE SUUM PECTUS MUNDOQUE POTIRI"

-- Marcus Manilius



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