



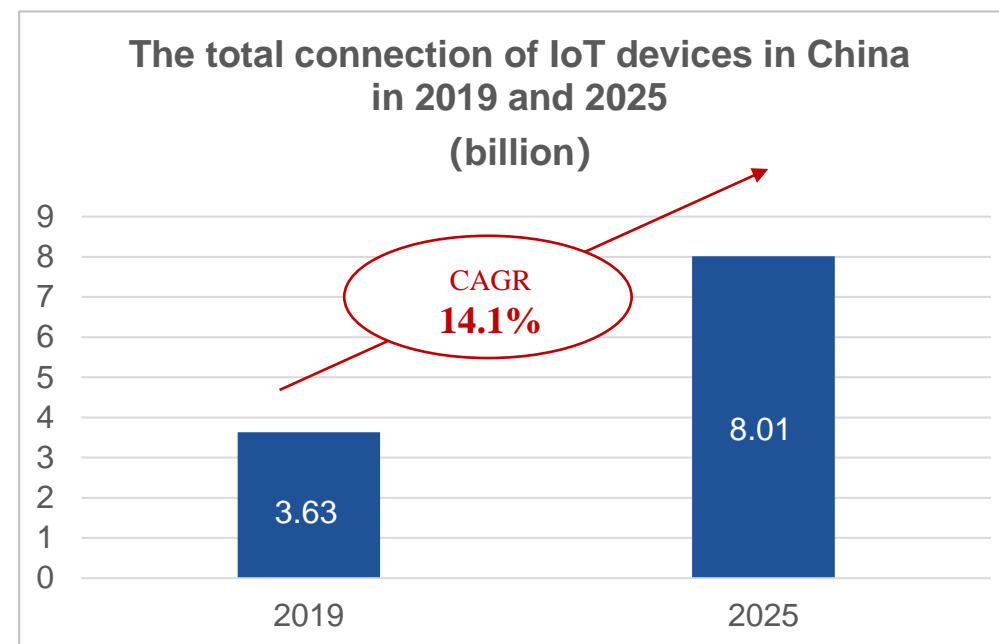
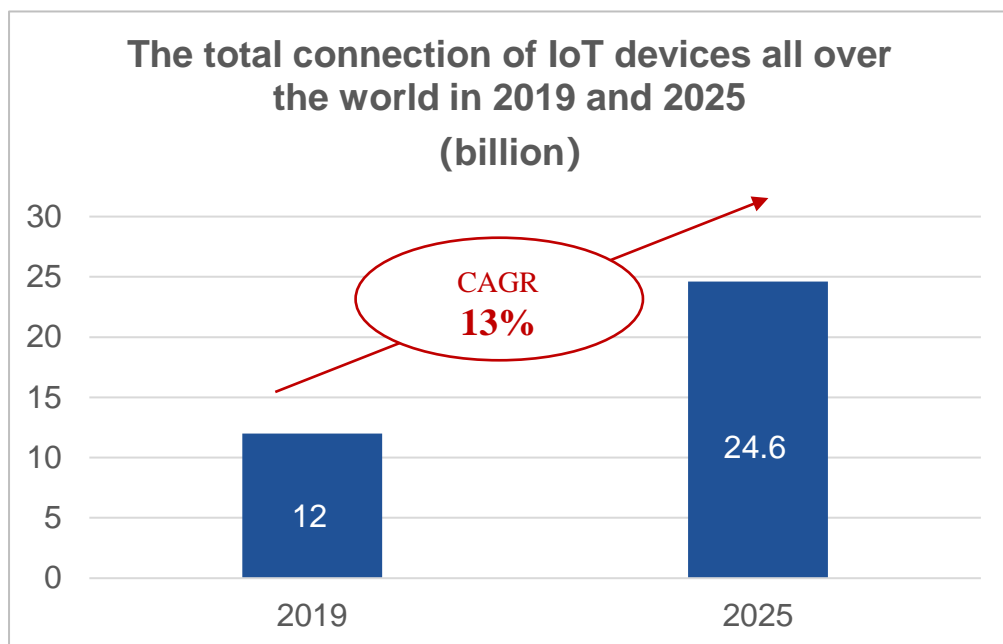
Communications enable Smart Life

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- The total connection of IoT devices will be more than: 8.01 billion in China; and 24.6 billion all over the world. < White paper IoT 2020 >
- When facing such a huge requirement of communications among intelligent IoT devices, the potential marketing is huge.





- In the era of intelligent IoT, networking and communication technologies are essential for supporting simultaneous connections among massive devices. However, there are still some deficiencies in current solutions.

Current IoT devices capable of multimedia communication?

Issues of a built-in 4G communication module



① High cost

The cost of a mainstream communication module is about ¥80-90 (\$12-\$14)

② Limited support of required scenarios

Only support standard Voice over LTE (VoLTE) scenarios

③ Limited support of devices

Unable to cover legacy devices, and cost a high power consumption



An Innovative Solution -- AIOtel

- AIOtel supports multimedia communication over intelligent IoT devices.
- Interconnection with VoLTE, IMS and PSTN networks as well as supporting for remote control of smart devices.

AI + IoT + Telephony (AIOtel)

(To support carrier level communication and remote control via three key technologies)



① Software-defined
communication module

Empower IoT devices in **a very low cost** regardless of the variation of massive devices

② Interactive multimedia
reaction

Rely on **intelligent voice, gesture, face recognition** and other ways to facilitate man-machine

③ Remote device control

Enable IoT devices with **operator level multimedia communication** and **remote control**

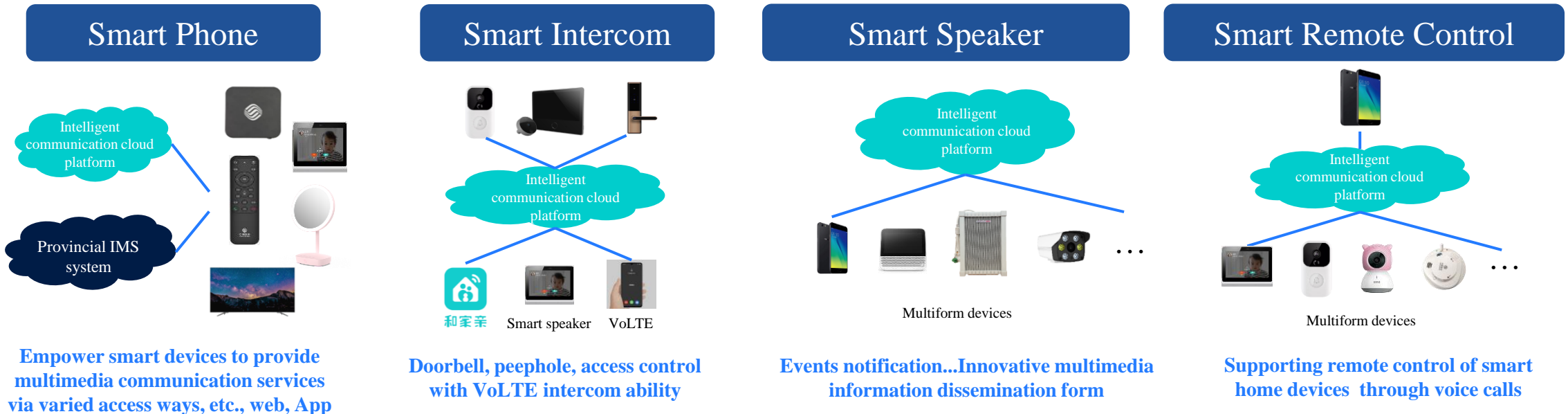
AIoTel Applications

- AIoTel technologies have been applied into a variety of scenarios. The communication capability has been upgraded from communicable to interactive, serviceable, and presentable.

AIoTel Empowers Everything

(12 categories, 149 brands, 477 types, more than 10 million devices)

4 business inventions





An Example: Smart Remote Control

- AIoT technologies empower doorbells, peephole, access control to perform VoLTE video intercom with smart devices. Meanwhile, it can grant the remote control when having a multimedia call.



Trend Outlook

- In the future, massive AIoT devices will support more intelligent home services.
- All data is integrated into the cloud and AI-based control center is more popular.
- More intelligent, ubiquitous and multiformed communication services are foreseen.

Ultra-HD, intelligent, ubiquitous communication technology

Cross-terminal, inductiveless communication experience

