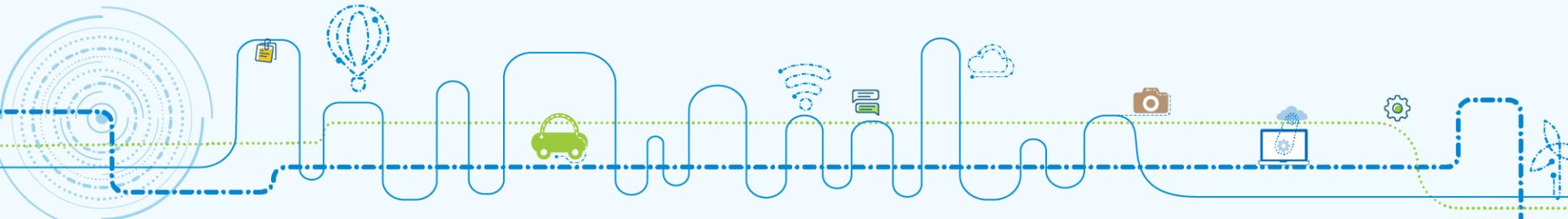
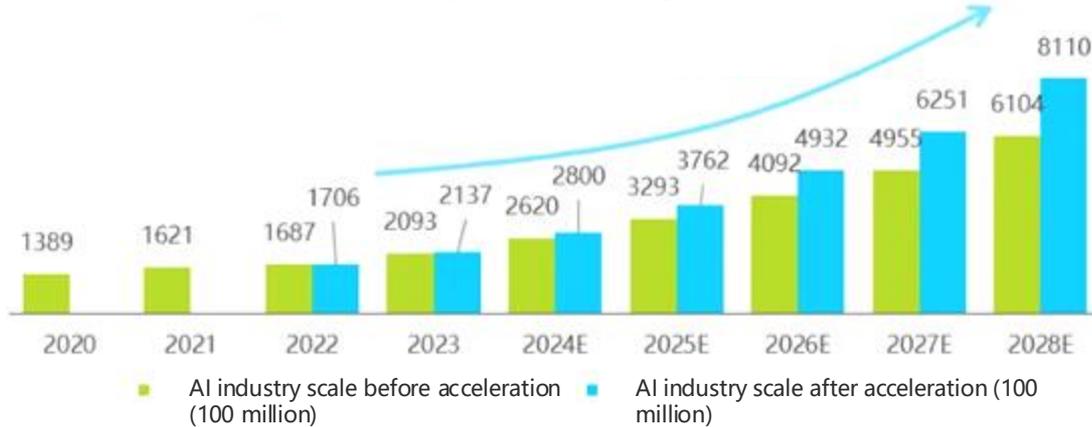


# AI facilitates a better fibre in-premises network

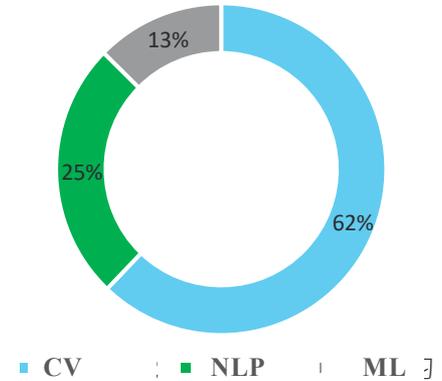


# AI enables smart homes, enhancing user experience

## 2020-2028 artificial intelligence industry scale in china



## 2023 Modal distribution of China AI industry



Source: iResearch

- The scale of China's artificial intelligence industry is expected to reach 811 billion by 2028
- The development of AI in China is mainly driven by three technologies: Computer Vision, Natural Language Processing, and Machine Learning.
- AI accelerates the intelligence and interconnectivity of FIP, further enhancing user experience

# AI builds computing center in home



## AI+ WiFi

- Wi-Fi Sensing
- Traffic Identification
- Multi-AP Cooperation
- Anti-interference

## AI + Operation

- Topology Visualization
- Real-time Monitoring
- Remote Diagnosis
- Degradation Detection

## AI + Search

- Text Search Image
- Scene Classification
- Intelligent Q&A
- Multimodal Generation

# AI takes customized service in SME

## Street-front Shops



Restaurant



Entertainment



Stores

### typical use cases

#### Kitchen

Behavior Detection

Fire Warning

#### Market

Flow Statistics

VIP Identification

## Cluster Market



Hotle



Dormitory



School

### typical use cases

#### Residence

Lincense Plate Recognition

Health Check

#### School

Intrusion Alarm

Fall Recognition

## Large Buildings



Corporation



Industry



Hospital

### typical use cases

#### Industry

Contactless Lock

Quality Inspection

#### Hospital

Remote Monitoring

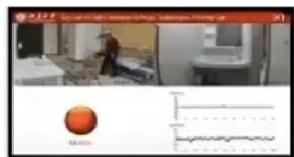
Aided Diagnosis

# WiFi Sensing + AI inference

## action recognition



fall



activity



Fitness behavior

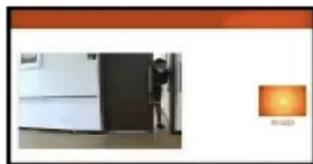
## location tracking



location



direction

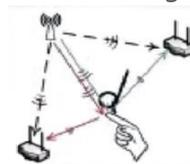


track

## gesture recognition



handwriting



gesture



contactless unlocking

## behavior monitoring



breathe

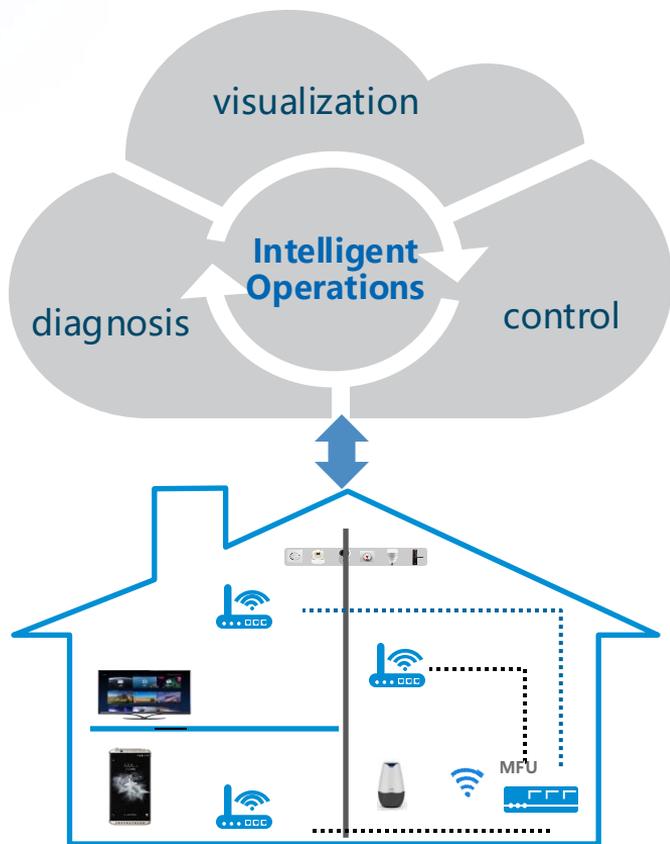


heart beating



sleep

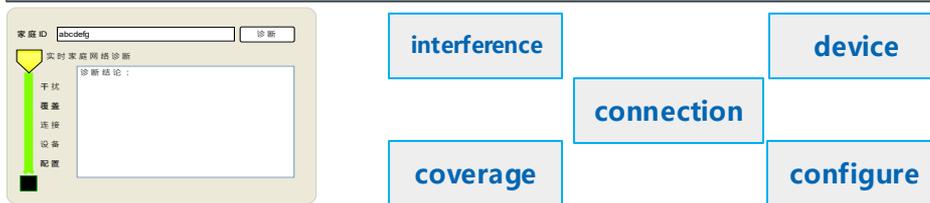
# AI enables Intelligent Operations



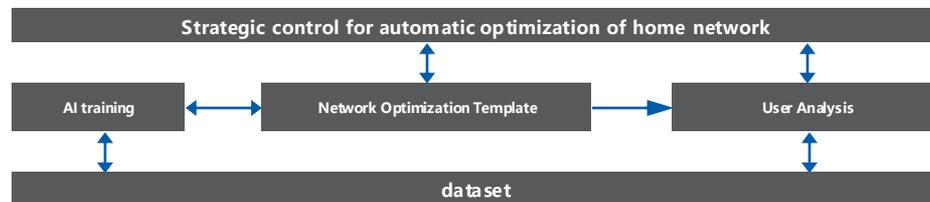
## Visual Quality , Quality Backtracking



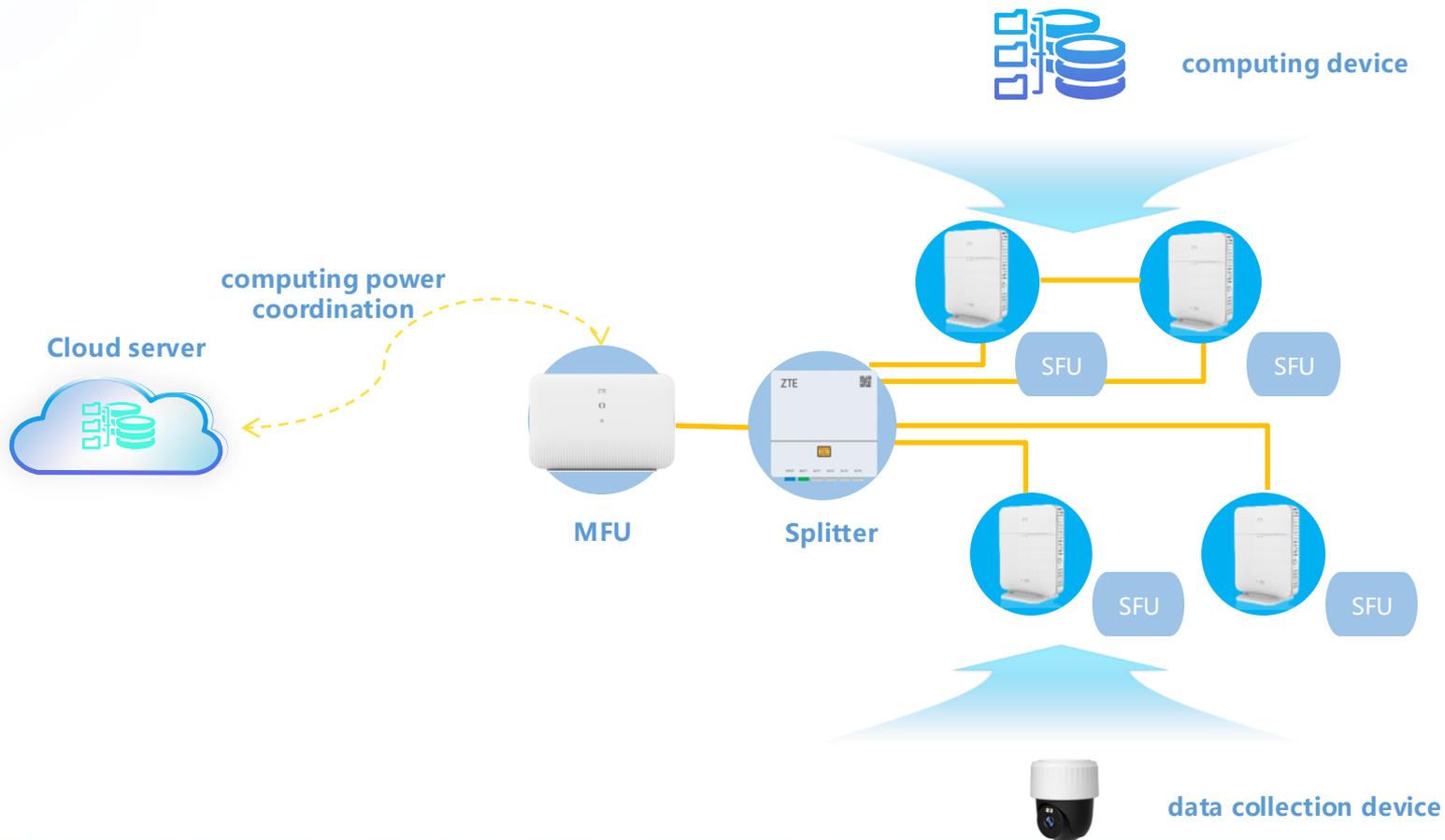
## Quick Diagnosis , Precise Location



## Degradation Detection , Remote Restoration

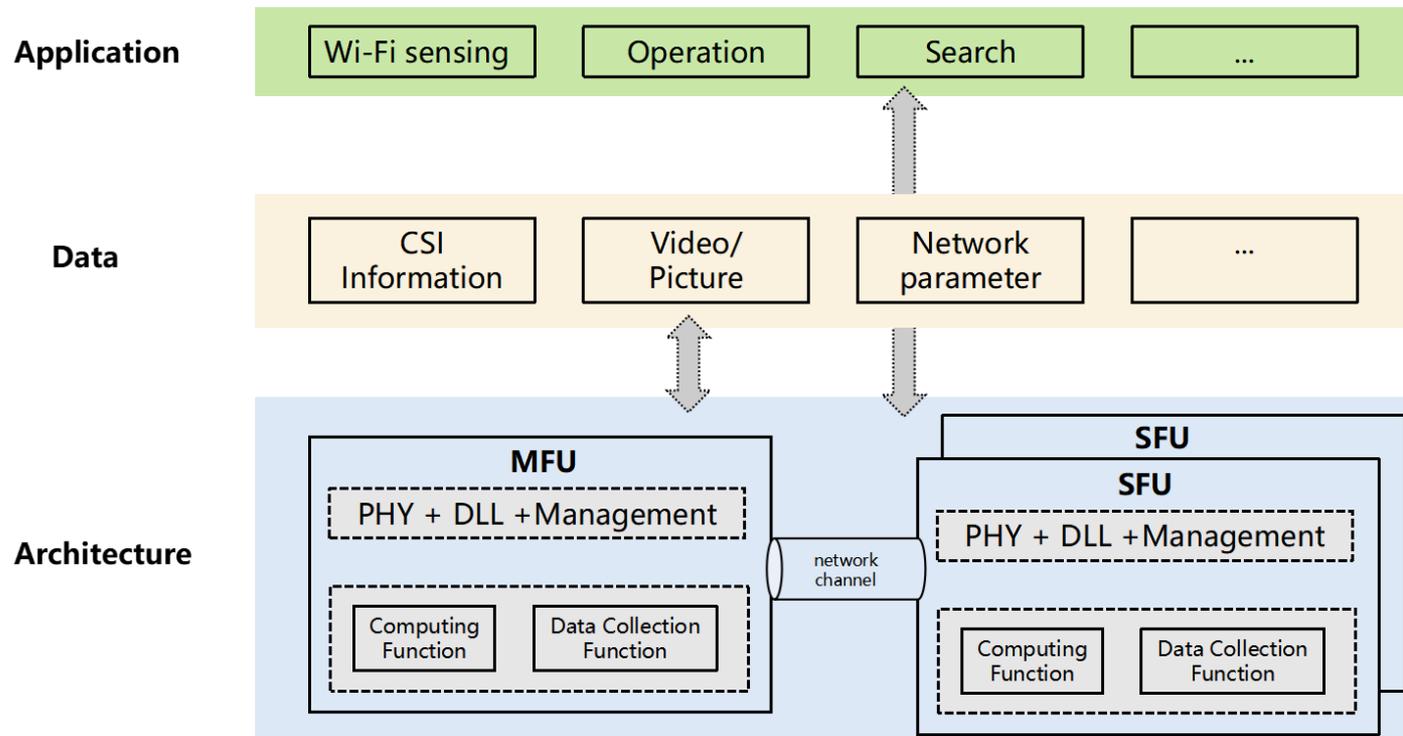


# Device Enhancement



# Specification Enhancement

## Functional framework of intelligence in FIP network



# ZTE

Leading 5G Innovations



# THANK YOU

