



# Light ODN Solution Highlights

Building Intelligent Optical Networks

# ZTE Light ODN Solution

1

## Gigabit Networks Have Higher Requirements for Intelligent ODN

### Ineffective management of ODN resources

- Inaccurate data
- Unclear performance
- Late maintenance



### Optical network data unable to be provided in real time

- Device location
- Connection ID
- Real-time routing



### Effective & intelligent presentation of network resources

- Accurate resource data
- Accurate routing
- Accurate fault location



Visible

Manageable

Controllable



Digital intelligent cloud network



Shorten TTM, easy OAM



High security and reliability

2

## Rapidly Builds Visualized and Manageable Intelligent ODN

### Lightweight Construction



#### Fast construction

- ✓ Flexible adaptation to various application scenarios
- ✓ **Splicing-free** to save labor costs



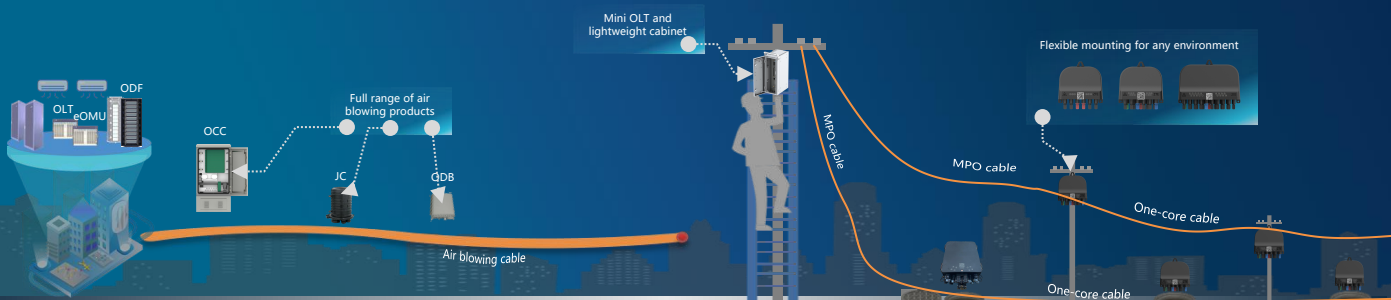
#### Visual management

- ✓ **Visualized** ODN topology
- ✓ Visualized the detailed ODN information



#### Intelligent O&M

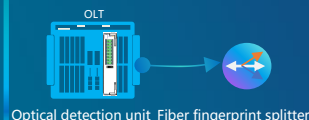
- ✓ Early warning, **proactive O&M**
- ✓ Unified platform, precise troubleshooting



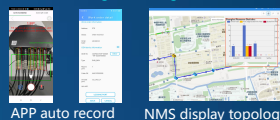
#### Saving 50% installation time



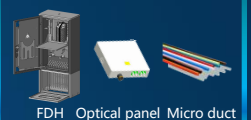
#### ODN Topology presentation



#### Intelligent management



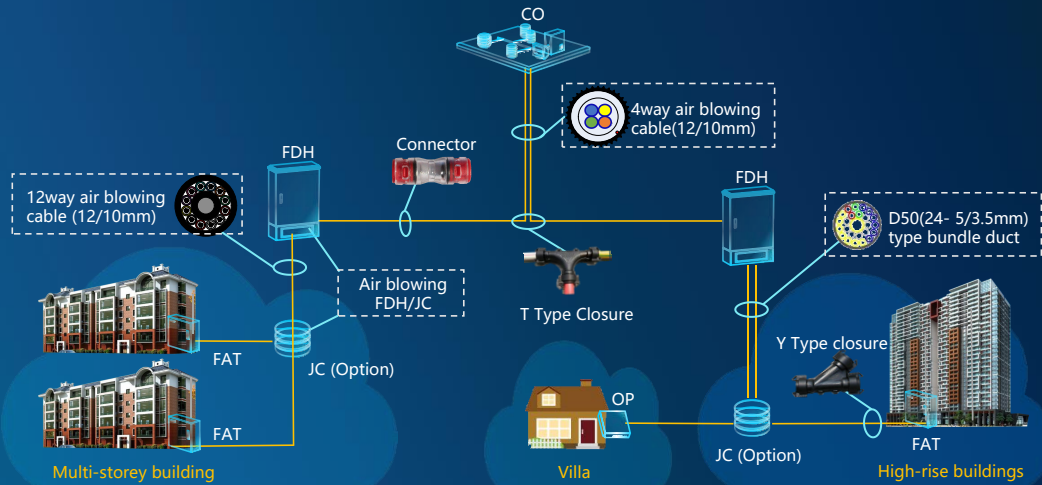
#### Air-blowing series products



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## Full Series of Air Blowing Products Helps Efficiently Deploy ODN



### Air-blowing series products



4

## Continuous Evolution of Light ODN Products to Save Costs



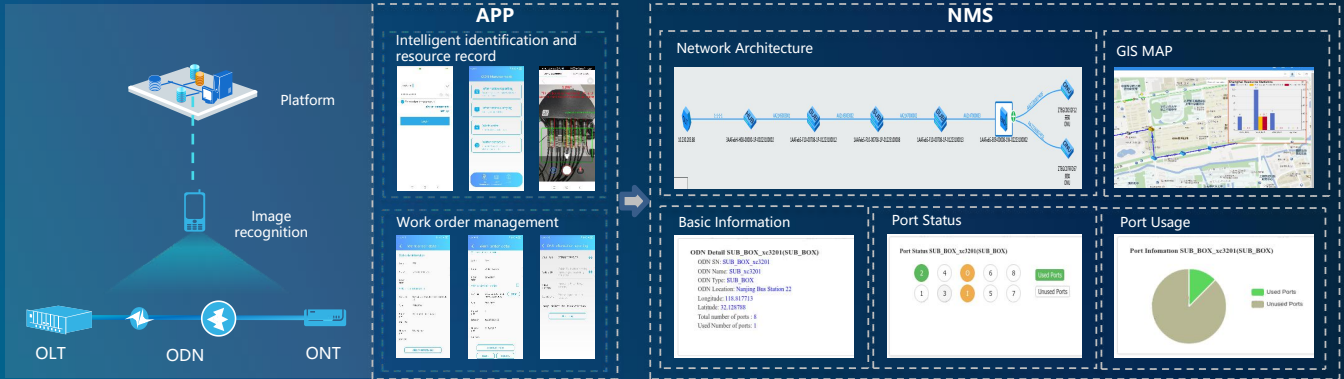
### Customer benefits



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## Light ODN Solution Builds Visualized and Manageable Intelligent ODN



A

### Accurate Resource

- **100%** Resources accuracy
- **0** Resource waste to protection investment

B

### Closed Process

- **AI image recognition** and collection
- Automatic data upload
- Avoid manual error and limitation

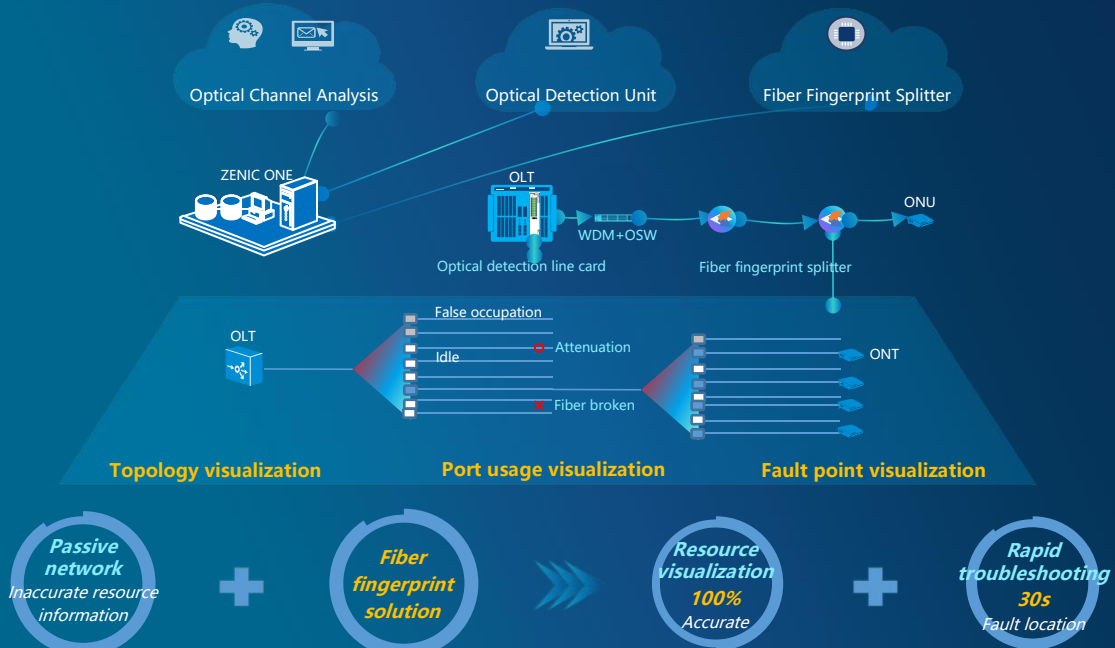
C

### Efficient O&M

- Resources **visual display** to guide O&M
- Resource optimization policies generation

6

## Visualized Optical Network to Improve O&M Efficiency





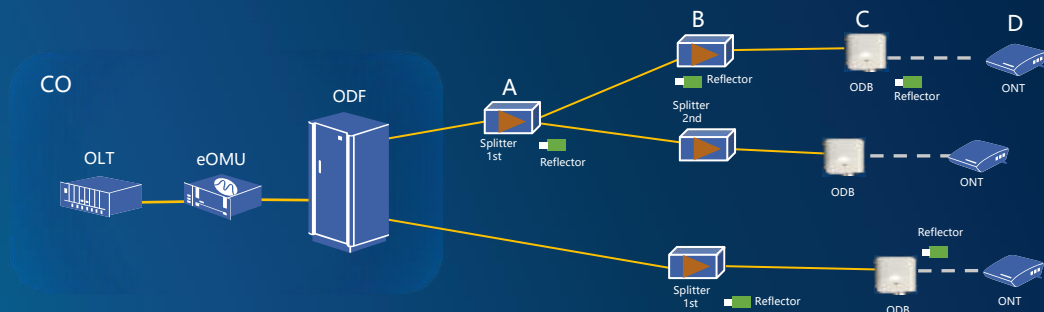
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## The 'Eagle Eye' for Optical Network Monitoring

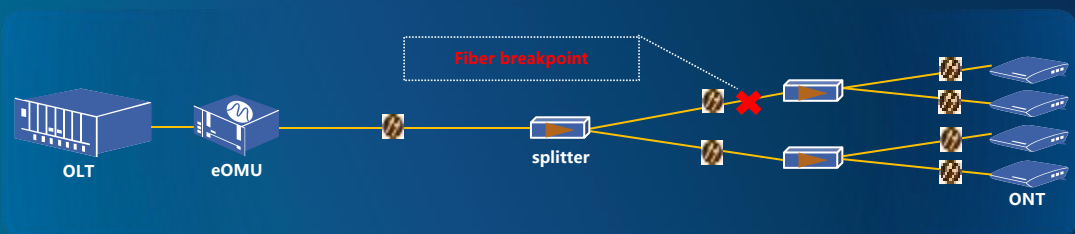
### 1 Solving the Challenges in the Acceptance of Optical Network Construction

- Subsection acceptance
- End-to-end acceptance
- Flexible and efficient



### 2 7\*24 Fiber Network Monitoring Visualizes Passive Network Resources

- Real-time
- Centralized
- Automatic



### 3 Proactive Operation and Maintenance

- ◆ Making passive fiber resources manageable
- ✓ Health data storage, query and comparison
- ✓ Intelligent analysis

**10 Seconds + 1 Meter**

Fault location

- ◆ Multiple test policies improve performance
- ✓ Alarm trigger test
- ✓ Polling test

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Leading 5G Innovations

