



Light ODN Solution Highlights

Building Intelligent Optical Networks

ZTE Light ODN Solution

1

Gigabit Networks Have Higher Requirements for Intelligent ODN

| | | |
|--|---|---|
|  <p>Ineffective management of ODN resources</p> <ul style="list-style-type: none"> Inaccurate data Unclear performance Late maintenance  |  <p>Optical network data unable to be provided in real time</p> <ul style="list-style-type: none"> Device location Connection ID Real-time routing  |  <p>Effective & intelligent presentation of network resources</p> <ul style="list-style-type: none"> Accurate resource data Accurate routing Accurate fault location  |
|--|---|---|

Visible

Manageable

Controllable

 **中国移动**
China Mobile Digital intelligent cloud network

 **Claro**
Shorten TTM, easy OAM

 **orange**
High security and reliability

2

Rapidly Builds Visualized and Manageable Intelligent ODN

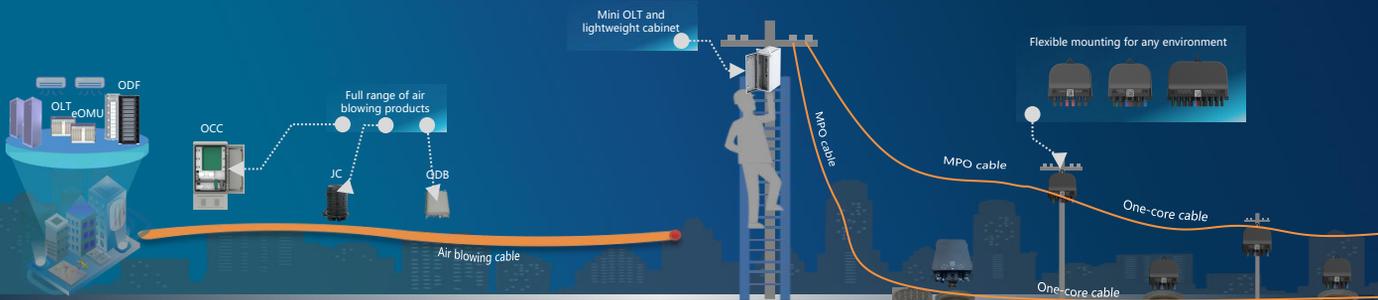
Lightweight Construction

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

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

Lighting up ODN

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



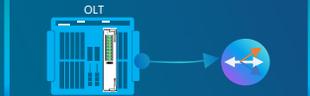
Saving 50% installation time



Blind insertion Cabinet

30%+ Skilled Labor cost ↓ Unskilled

ODN Topology presentation



Optical detection unit Fiber fingerprint splitter

Intelligent management



APP auto record NMS display topology

Air-blowing series products

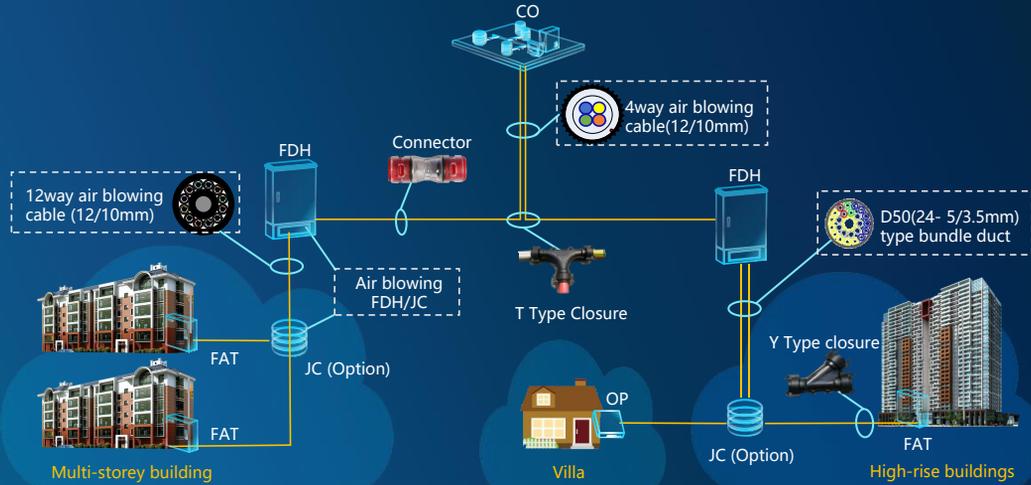


FDH Optical panel Micro duct

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3

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

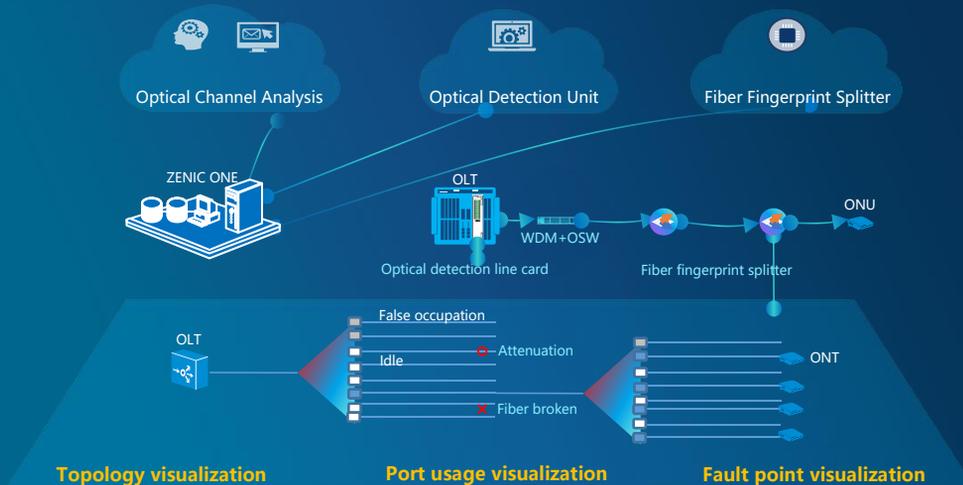
C

Efficient O&M

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

6

Visualized Optical Network to Improve O&M Efficiency



Passive network
Inaccurate resource
information



Fiber
fingerprint
solution



Resource
visualization
100%
Accurate



Rapid
troubleshooting
30s
Fault location

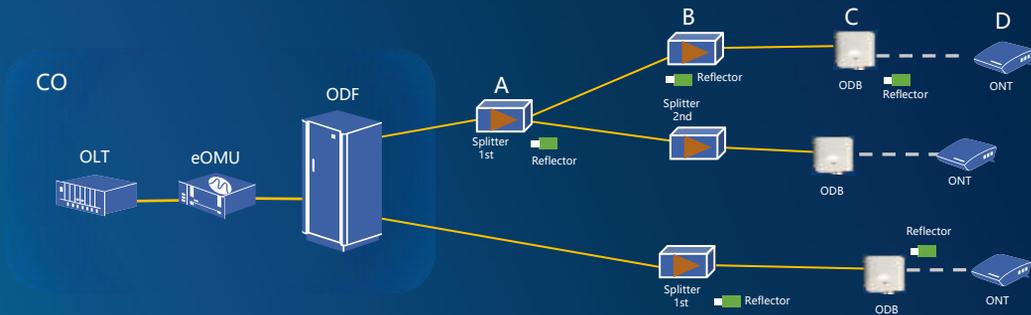
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7

The 'Eagle Eye' for Optical Network Monitoring

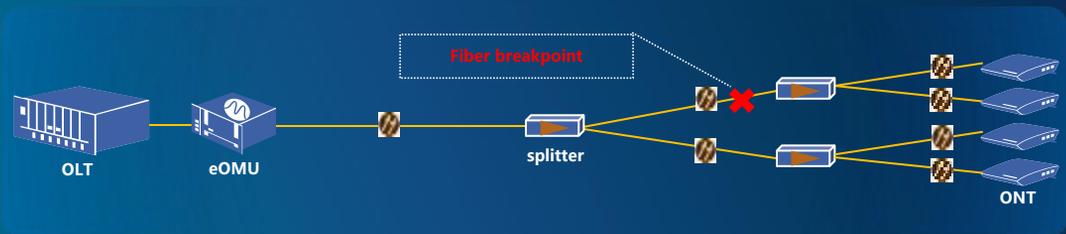
1 Solving the Challenges in the Acceptance of Optical Network Construction

- 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

Light ODN Solution Highlights

Leading 5G Innovations

