XON
FTTX

Passive Optical Network Made Easy

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Struggling to expand & manage network, unable to ensure optimal resource allocation, failing to meet the customers demand for flawless connectivity , downtime & troubleshooting issues can feel like constant battles for ISP in today's fast-paced digital landscape. That's why, we created XON FTTX for you. So, why wait? Let's unleash the full potential of your digital network.

40%
Minimize 40% Network Installation Complexity

90%
Reduced 90% Design Iterations

30%
30% Faster Time to Market

40%
Upto 40% Cost Savings

Geo Location Based

Simplifield Fiber Layout in Map

Maximize Utilization of Fiber Cores

Optimize Equipment Port Usage

Equipment Management & Construction

Star/Ring Network Visibility

Notify Customer on failure/restore

Streamlined Fault Detection Process

Seamless Client Communication

Client Path and Equipment Identification

Perks of XON FTTx

Efficient Network Design & Construction

XON FTTx Software facilitates the design and construction of PON networks by providing an intuitive interface to configure active & passive devices. The software's intelligent algorithms ensure optimal placement of devices, minimizing signal loss & maximizing network performance

Resource Optimization

XON FTTx Software's resource allocation module enables users to easily identify free ports, available core resources, & unused assets within the network. This optimization ensures that network components are utilized to their fullest potential, reducing the need for additional investments and upgrades.

Customer-Centric Approach

With the ability to quickly identify customer paths, the software enables efficient troubleshooting & support. Rapid response to customer concerns enhances customer satisfaction & loyalty.

Color-Coded Fiber Core Connections

The software employs a sophisticated color-coded system to simplify fiber core connections. This visual aid enables network technicians to quickly identify & implement the correct connections, minimizing errors & enhancing efficiency during installation and maintenance.

Cost Savings and Asset Utilization

By optimizing resource allocation, reducing errors, & enhancing inventory management, XON FTTx Software significantly reduces overhead costs associated with PON network management. This translates to improved Return on Investment (ROI) & efficient utilization of network assets.

Enhanced Connectivity Management

The software provides detailed in-and-out port layouts for devices, simplifying the monitoring and management of connections. This feature reduces complexity during maintenance & expansion efforts.

Planning

Deployment & Testing

GO LIVE **Go Live**

Hypercare

Support

XON FTTX
Module Insights

Fiber & Core Management
- Fiber visibility in Google Map
- Identification of free tube & colors
- Managing fiber cut/split
- Managing fiber reroute
- Clear end-to-end equipment visibility
- Locate & detach fiber core information
- Managing installation records

Geographic Information System
- Google Map integration
- Configuration & construction of the Map
- Display customer path
- Geo coordinates of fiber and equipment

Endpoint Management
- Endpoint configuration management
- Keep track of endpoint devices
- Faster troubleshooting by tracing path

User & Role Management
- Super user, admin & general user
- User role management
- Role group control for each user
- Branch level data control for each user
- 2FA for user security
- Time control for user time restrictions
- IP based software access

Employee & Team Management
- Create & manage teams
- Employee profile management

Fiber & Core Management

Fiber Layout in Google Map

Endpoint Management

Employee & Team Management

User & Role Management

Active & Passive Equipment

PON Networking

PoP & Branch Management

Customer & Connection Management

Notifications

Active & Passive Equipment Management
- Managing equipment port & connection
- Replacing equipment & quick re-connection
- Detach equipment from the usage
- Identifying equipment in rack unit
- Endpoint equipment management
- Configuration & construction of equipment ports

PON Networking
- Topology planning (Star/Ring)
- Efficient allocation of fiber distribution
- Optimal placement for OLT/ONU
- Compatibility with standards & equipment
- Budgeting & resource planning.
- Monitoring for optimization

PoP & Branch Management
- Geo location based PoP management
- PoP equipment summary
- PoP cable summary
- Directly moving to a PoP area
- Managing branch of the company

Customer & Connection Management
- Customer information management
- Customer connection management
- Multiple connection visibility on the map
- Customer path tracing

Notifications
- Notifications to customer upon Fiber Cut/Disconnection
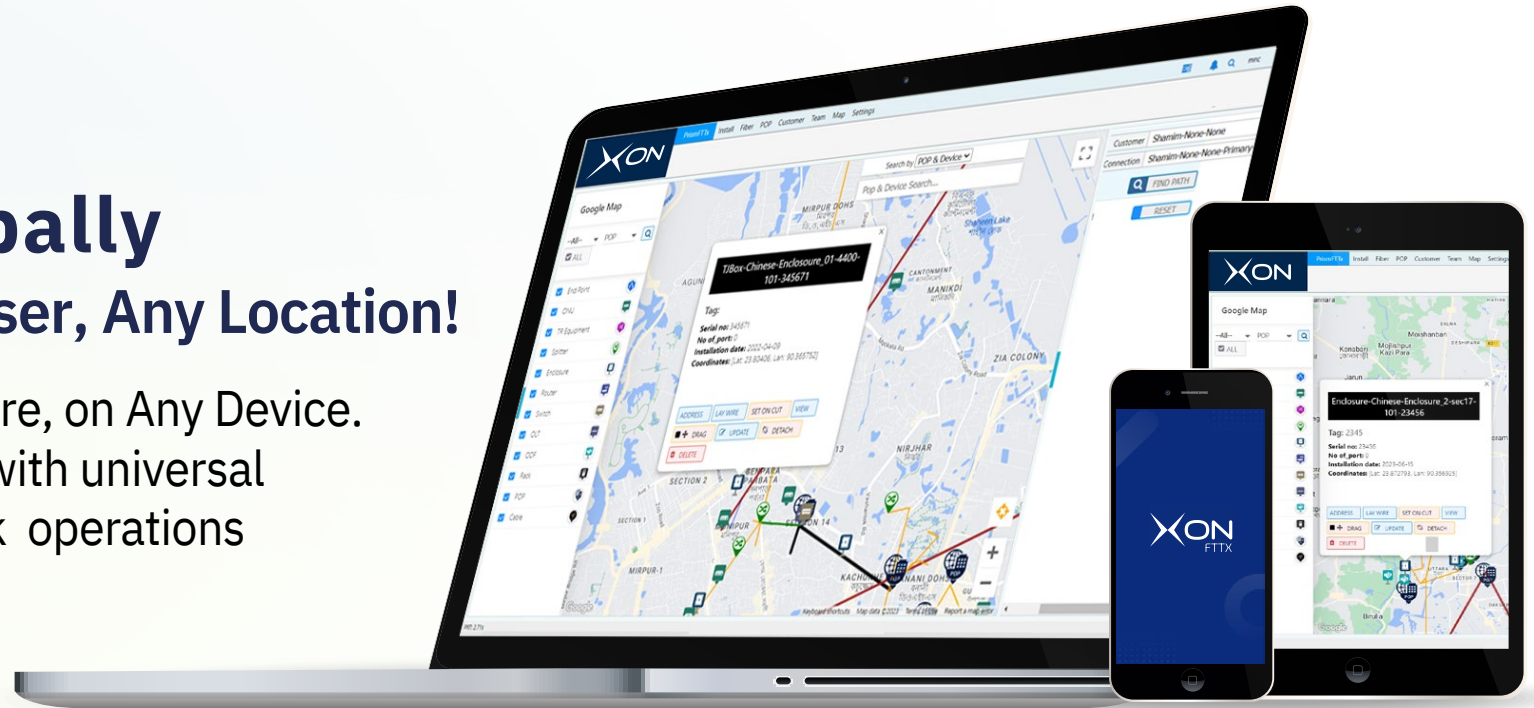- Notifications to customer upon Fiber Restoration

XON FTTX

Accessible Globally

Any Device, Any Browser, Any Location!

Accessible Anytime, Anywhere, on Any Device. Simplify FTTx management with universal access. Elevate your network operations wherever you are.
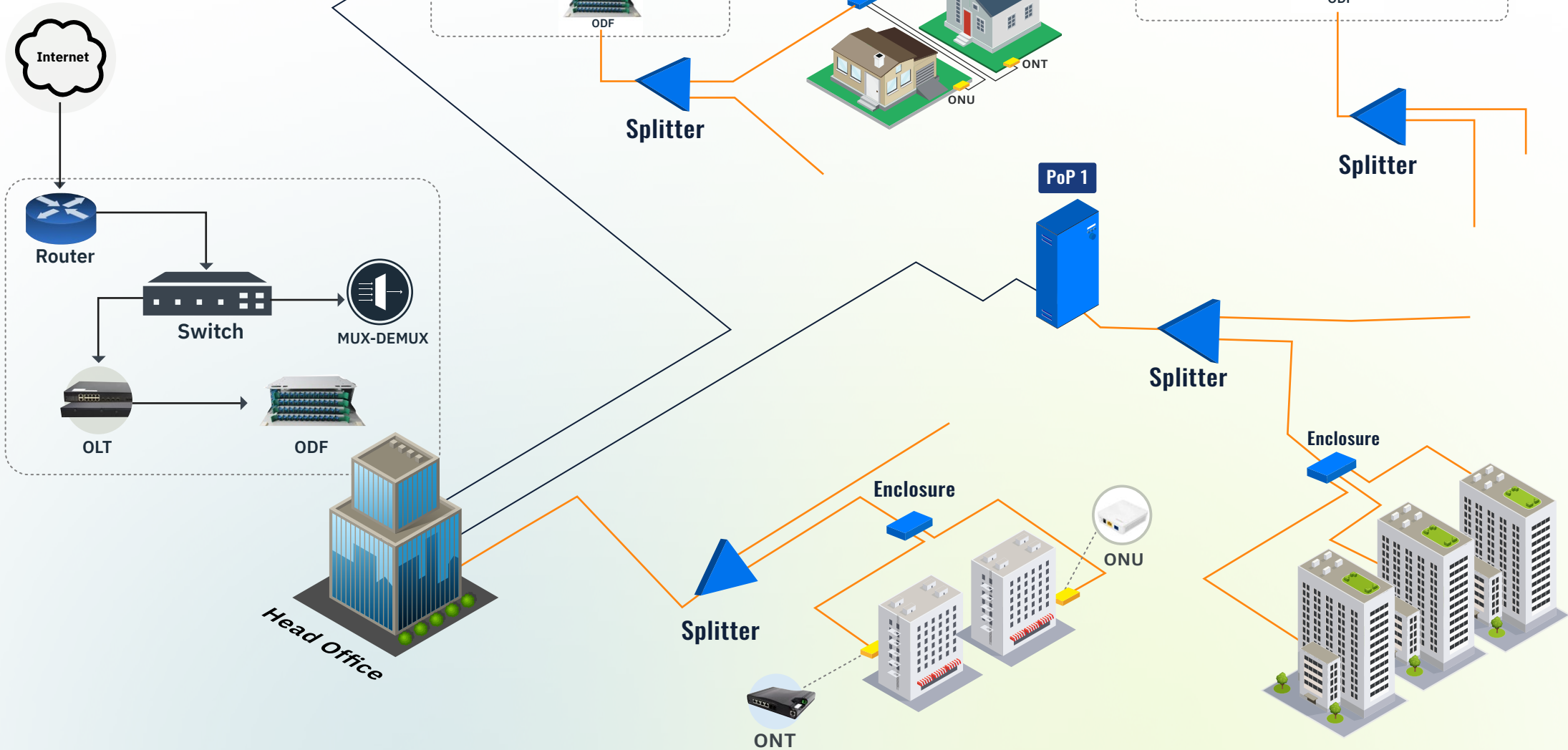
Flexible Deployment

HOSTING

ON PREMISE   CLOUD

SHARED SERVER
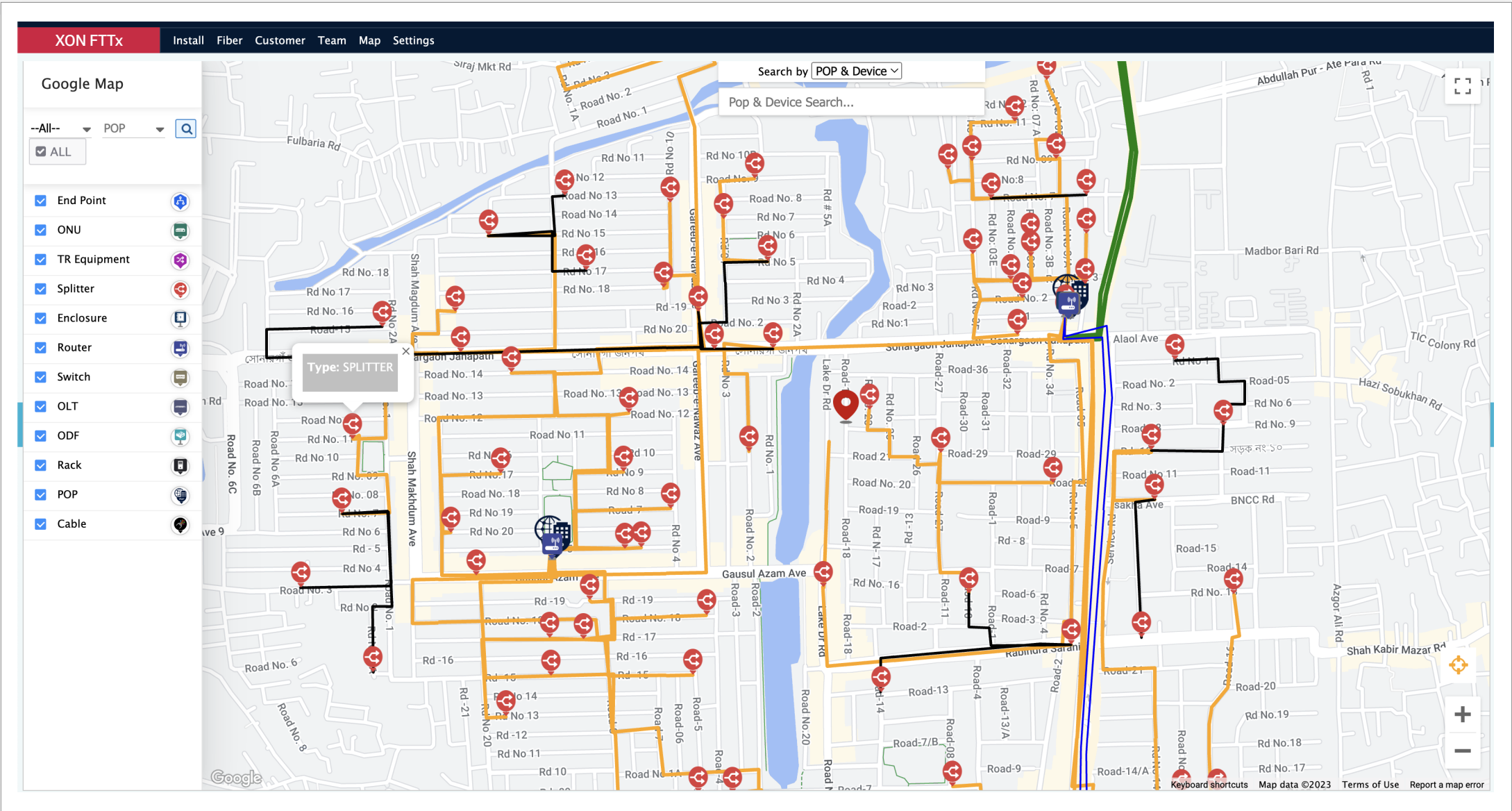
DEDICATED SERVER

PLATFORM

Linux™

DATABASE

MySQL®

XON FTTX

Internet

Router
Switch
MUX-DEMUX
OLT
ODF
Head Office

PoP 2
MUX-DEMUX
Switch
OLT
ODF
Splitter

Enclosure
ONT
ONU

PoP 3
Router
Switch
OLT
ODF
MUX-DEMUX
Splitter

PoP 1
Splitter
Enclosure

Enclosure
ONU
Splitter
ONT

XON FTTx Map Visualization

A Product of

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