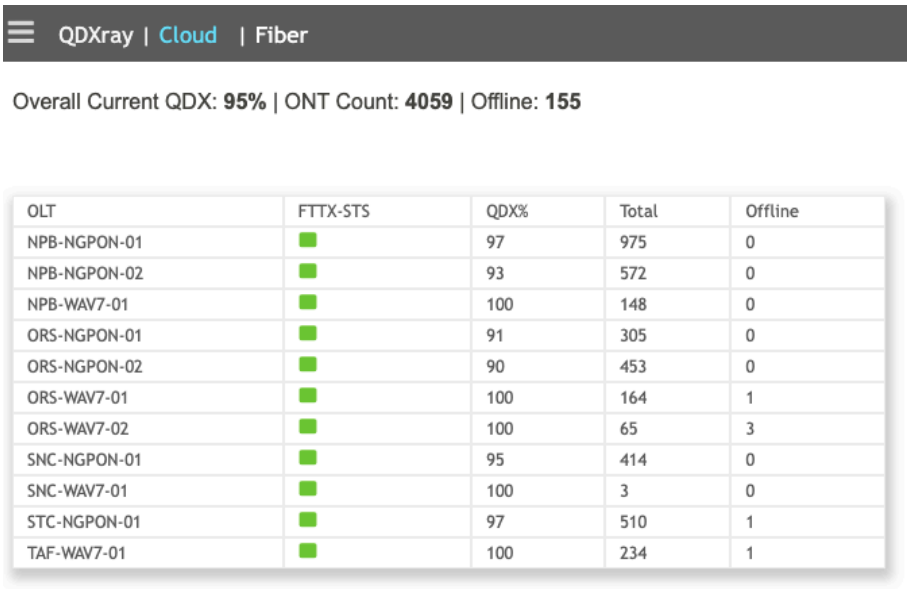
QDXray

In data we trust

Outage detector for FTTX networks



OLT	FTTX-STS	QDX%	Total	Offline
NPB-NGPON-01		97	975	0
NPB-NGPON-02		93	572	0
NPB-WAV7-01		100	148	0
ORS-NGPON-01		91	305	0
ORS-NGPON-02		90	453	0
ORS-WAV7-01		100	164	1
ORS-WAV7-02		100	65	3
SNC-NGPON-01		95	414	0
SNC-WAV7-01		100	3	0
STC-NGPON-01		97	510	1
TAF-WAV7-01		100	234	1

The FTTXray Outage Detector uses active telemetry from OLT/ONT, combined with topology data, customer provisioning data, GIS data, whatever is available.

Outages are grouped to passive infrastructure like trunks, splitters, handholes and visualized in intuitive UI's while the alerts can be forwarded to any available ticketing system by API's.

Data science algorithms are invaluable for supporting operations to become data-driven. They provide actionable insights, improve efficiency and productivity, offer predictive capabilities, mitigate risks, support decision-making, and foster continuous improvement.

Precise Fault Location

The Outage Detector functionality accurately maps outages to the passive topology of the network, eliminating the need for time-consuming manual troubleshooting and significantly reducing the time-to-fix.

Efficient Resource Allocation

By pinpointing the exact location of the outage, enables efficient resource allocation, ensuring that technicians are deployed to the right spot in the network, saving time and resources.

Streamlined Troubleshooting

Service personnel can follow a clear path directly to the affected area, eliminating the need for guesswork and minimizing downtime. This approach enhances the overall efficiency and effectiveness of the troubleshooting process.

Better Customer Experience

By improving time-to-fix, the Outage Detector significantly enhances the customer experience. Customers experience shorter service interruptions, leading to increased satisfaction and reduced customer churn.

Improved Efficiency

The Outage Detector's capability to map outages to the passive topology enables service providers to allocate resources effectively and deliver a more efficient and cost-effective service.

80+ years of collective experience in Telecom and software engineering ready to support with a data-driven approach to network operations, improvement processes, network modelling and planning.

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FTTX & Cable/DOCSIS