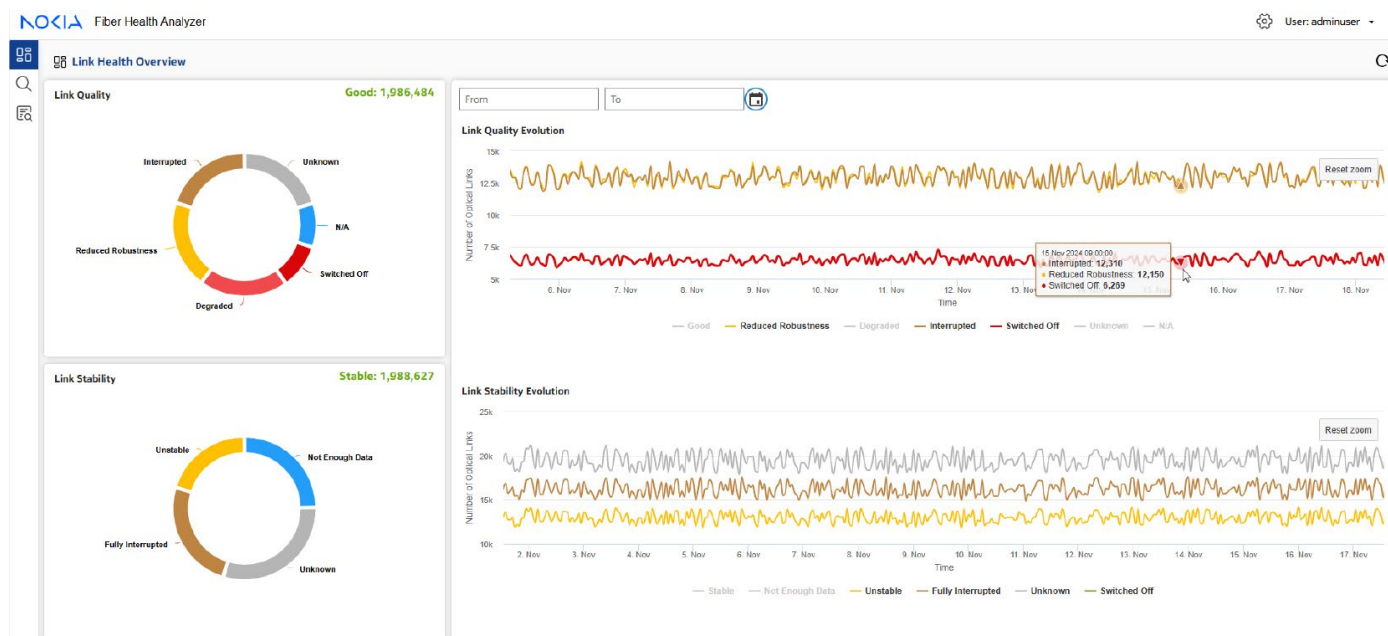


Fiber Health Analyzer

Evaluate the optical link performance in your network

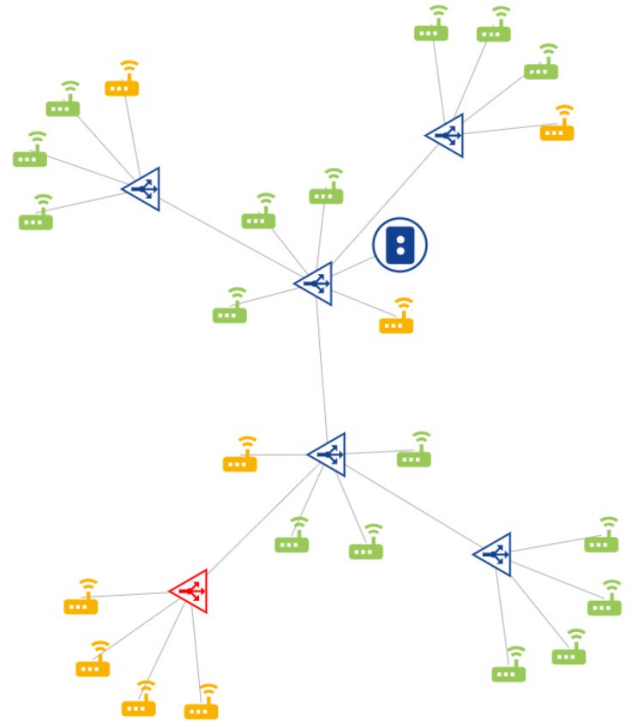
Fiber Health Analyzer (FHA) takes a top-down approach to monitor and analyze the health of fiber-to-the-home (FTTH) networks. Through specialized link KPIs, it identifies performance issues, helps in root cause analysis and provides recommendations to rapidly resolve problems. The diagnostics and fault isolation techniques help in day-to-day optical link management as well as fault handling and proactive care.

Broadband performance is heavily influenced by the performance of the Optical Distribution Network (ODN). Most operational issues are seen in the passive entities of the ODN and require field visits: e.g. fiber cuts, bends, dirty connectors, optical degradation or intrusions. Lack of insight into the nature or root-cause of these issues can lead to long and expensive troubleshooting and customer dissatisfaction.





Fiber Health Analyzer addresses this challenge by monitoring the near real-time status of optical links and has an inbuilt correlation engine for localizing network issues and identifying the most probable root cause. With its network health dashboard, a logical topology view of the problematic ODN, and a customer care interface for evaluating ONT & PON status, the Fiber Health Analyzer dramatically reduces the time and resources required for fault identification and resolution.



Features

- Dashboards with optical link KPIs
- Dashboard on PON utilization and link status
- Indicates hourly and daily fiber link trends
- Analyzes optical link budgets
- Passive topology representation
- ODN support for alarm correlation and fault localization in geodata map
- Real-time view on subscriber link and ONT status on demand
- REST NBI

Benefits

- Identify physical layer issues like degradation, fiber cuts, bend etc.
- Identify PON ports with fiber issues and utilization bottlenecks
- Accelerate root cause analysis and drive best remedial actions
- Isolate ODN faults to quickly dispatch the right repair teams
- Customer support easier with real-time status of PON and ONT

About Nokia

At Nokia, we create technology that helps the world act together.

As a B2B technology innovation leader, we are pioneering networks that sense, think and act by leveraging our work across mobile, fixed and cloud networks. In addition, we create value with intellectual property and long-term research, led by the award-winning Nokia Bell Labs.

With truly open architectures that seamlessly integrate into any ecosystem, our high-performance networks create new opportunities for monetization and scale. Service providers, enterprises and partners worldwide trust Nokia to deliver secure, reliable and sustainable networks today – and work with us to create the digital services and applications of the future.

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