

GPON Doctor **Cube**



Distributed GPON/XGS-PON Validation System



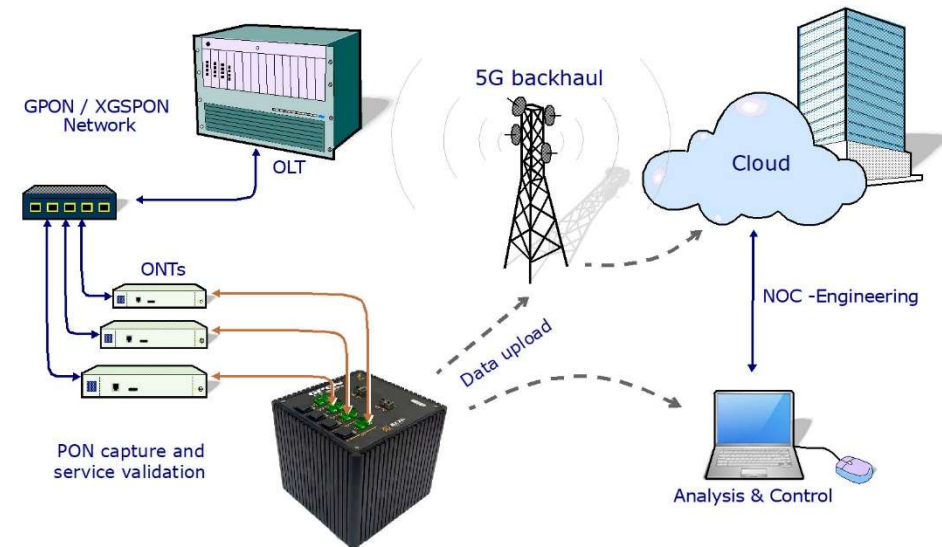
GPD Cube is a remotely deployable GPON/XGS-PON validation node that enables continuous, real-time analysis without requiring on-site engineers.



Move the **EQUIPMENT**, not your team



Traditional testing vs. Cube experience



People travel

- Travel time & cost
- On-site expert required
- Limited availability
- Reactive troubleshooting

Equipment travels

- Deploy once, access from anywhere
- No on-site specialist required
- Always available
- Proactive monitoring
- Scalable across the network



- Self-deployed in central office or field
- Integrated GPON/XGS-PON analysis
- Built-in 5G backhaul
- Remote control from NOC / lab
- No expert required on-site



Operational use

- Remote troubleshooting
- Remote audits
- Traffic validation

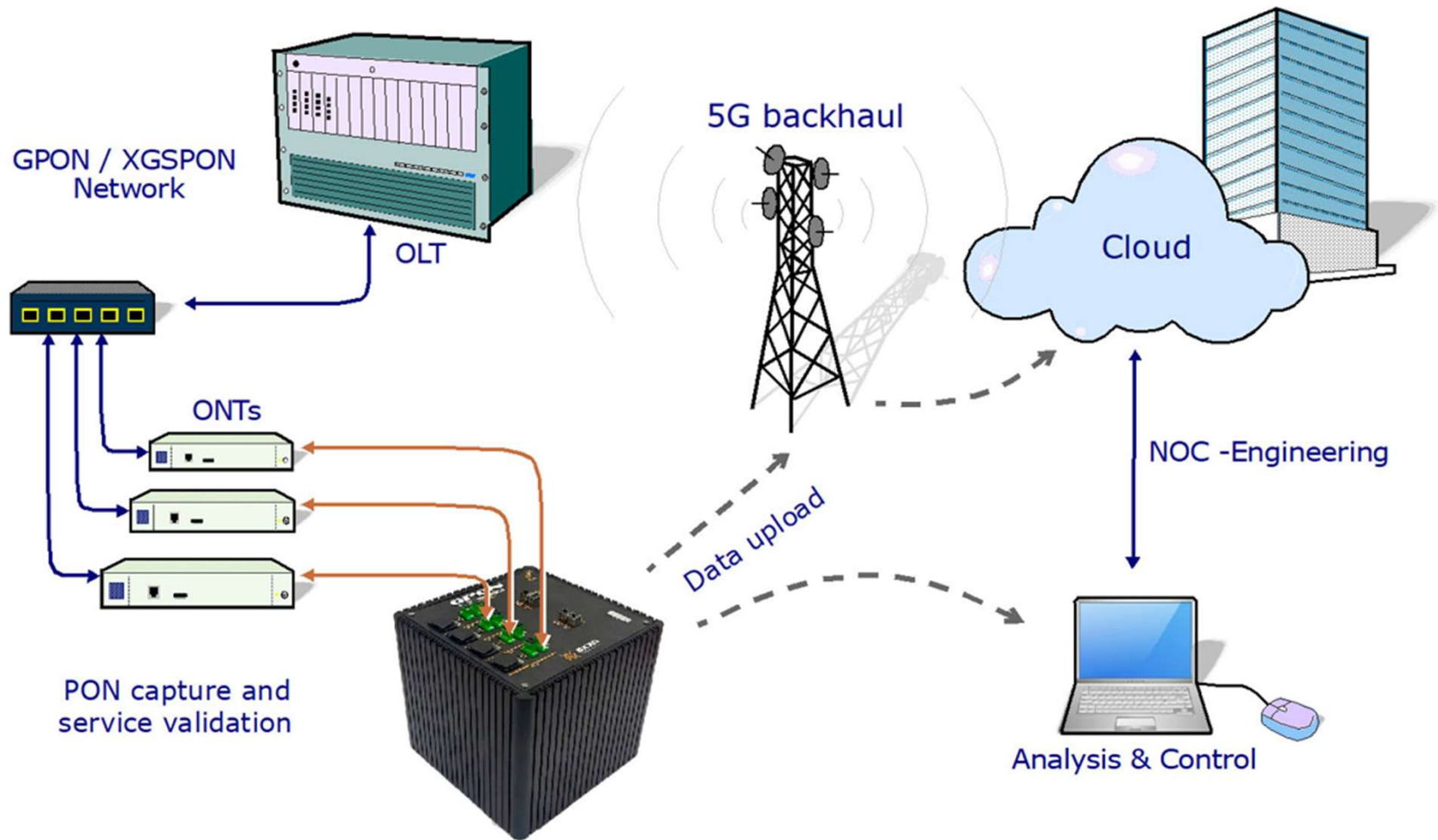
Engineering use

- Interoperability testing
- Chipset validation
- Automated testing (TR-247)



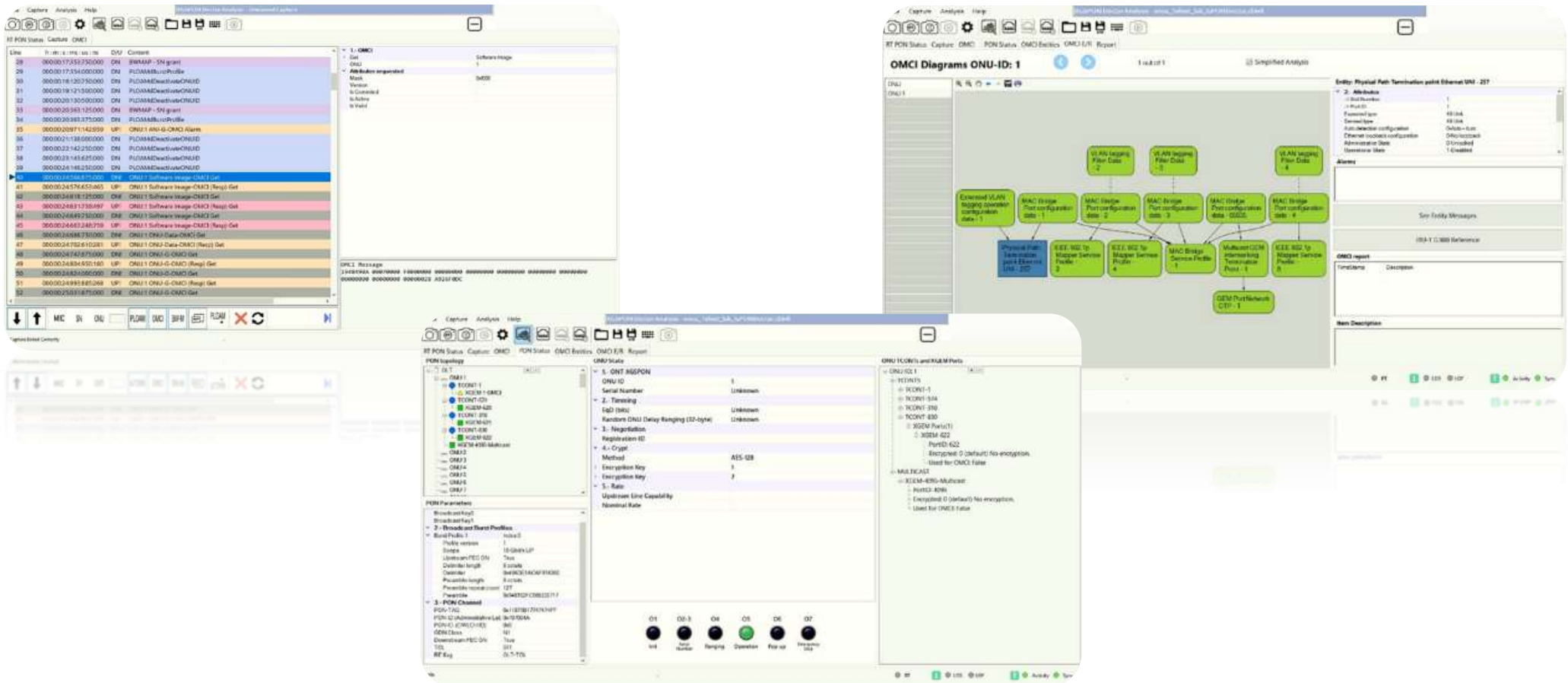
Access Cube as if you were on-site

- Gigabit Ethernet Capture/Management Port: QinQ VLAN Transparent/Stripping configurable
- WiFi 802.11ac interface, both for sniffing and IP management purposes
- IP Services Real-Time Extraction port: 1000Base-T External network protocol analyser plugin
- USB 3.0 to easy transfer data, traces and reports (all range)

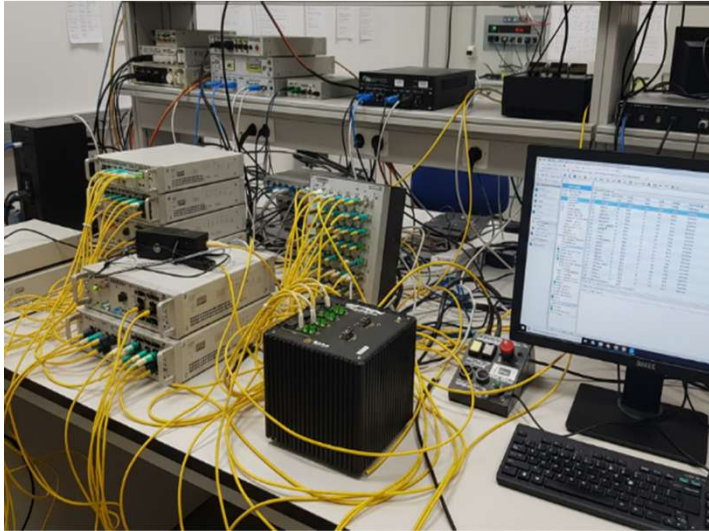


- Connect via 5G / LTE
- Deploy Cube at any network point
- Operate from anywhere
- Sequential validation of multiple ONTs without on-site intervention

- Dedicated GPON and XGSPON applications with unified interface
- Same GUI as GPONDoctor → zero learning curve
- Flexible licensing: GPON, XGSPON, and optional features
- Delivered with colorless splitters



Acceptance test



Remote operations



Interoperability Lab

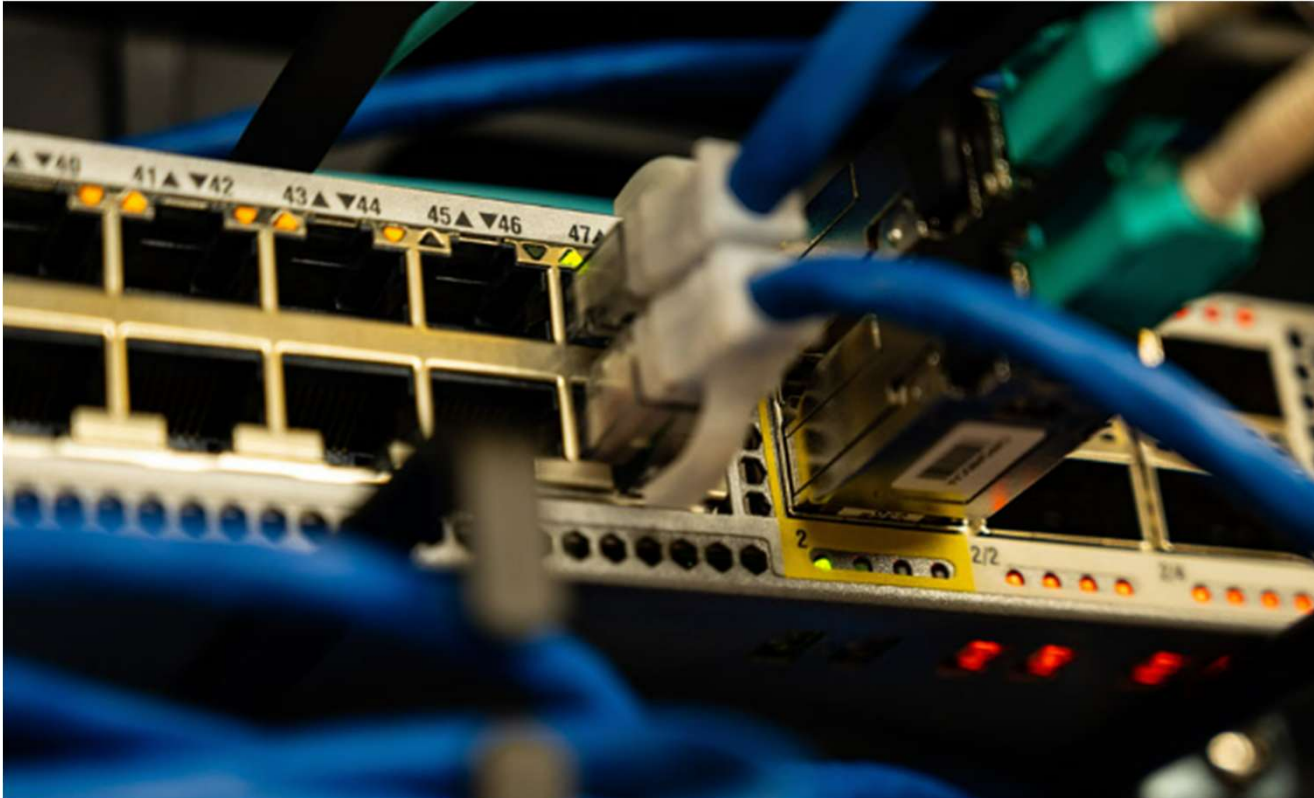


Central Office monitoring





- Remote diagnostics using Cube fleet
- Remote GPON/XGSPON network diagnostic with GD3
- Advanced GPON/XGSPON training
- Custom automated test suite development
- Tailored feature development



- Reduce OPEX (no travel)
- Faster issue resolution
- Continuous network visibility
- Scale testing across infrastructure

That's all



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