



# Advisor SLA

The next IP SLA generation

## Centralized Turn Up Test Solution Y.1564 for Layer 2 & 3.

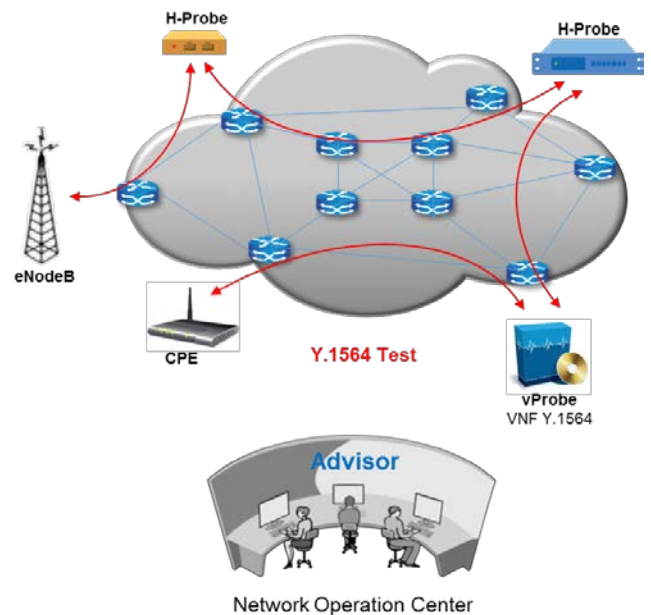
In order to help Carriers & Service Providers to solve their service Turn Up challenges, Advisor SLA has integrated Y.1564 test methodology.

Y.1564 capability has been implemented to reduce the Turn Up phase, to eliminate service failure causes, and to get Birth Certificate of each new links or End to End Services before to release it to customers.

### Advisor SLA key features

Centralized Solution	✓
Software & Hardware probe Based Solution	✓
SDN/NFV ready	✓
Plug & Test	✓
Layer 2 – EOAM – Y.1731	✓
Layer 3 – IP	✓
Multiple CoS	✓
Multiple Services	✓
Round Trip Test – Two Way measurement	✓
Bidirectional Test – One Way measurement	✓
Quick Test	✓

Advisor SLA solution addresses all aspects of Ethernet / IP Network Life cycle, including Service Activation (Turn Up Testing), Performance Monitoring, and Troubleshooting.



<b>24/7 Performance Monitoring</b>	<ul style="list-style-type: none"> <li>Proactively identify service degradation before it impacts end users</li> </ul>
<b>Troubleshooting capability</b>	<ul style="list-style-type: none"> <li>Rapidly identify, locate and fix the problem</li> <li>Reduce MTTR</li> </ul>
<b>Turn Up Service Testing</b>	<ul style="list-style-type: none"> <li>Accelerate new service revenue with fewer technicians</li> <li>Get the service right the 1<sup>st</sup> time</li> </ul>

Advisor SLA solution is deployed by Carriers & Service Providers to proactively manage SLA, meet subscriber obligations, and check Network efficiency.

It proactively monitors 24/7 the availability and performance of IP infrastructure services.

Advisor SLA assesses the performance of IP network by reporting Key Performance Indicators (KPIs) and checking Service Level Agreement (SLA) contracts.

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Advisor SLA provides a large choice of Hardware & Virtual Probes with different capabilities and Performances; to perform Turn Up test for legacy and NFV Network based infrastructure.

### KPIs (Key Performance Indicator)

- IR – Information Rate Throughput
- FTD – Frame Transfer Delay Latency
- FDV – Frame Delay Variation jitter
- FLR – Frame Loss Ratio Packet Loss
- Service Availability
- One Way and Round Trip Measurement

### Service Configuration Test

Validate the network configuration of each defined Service.


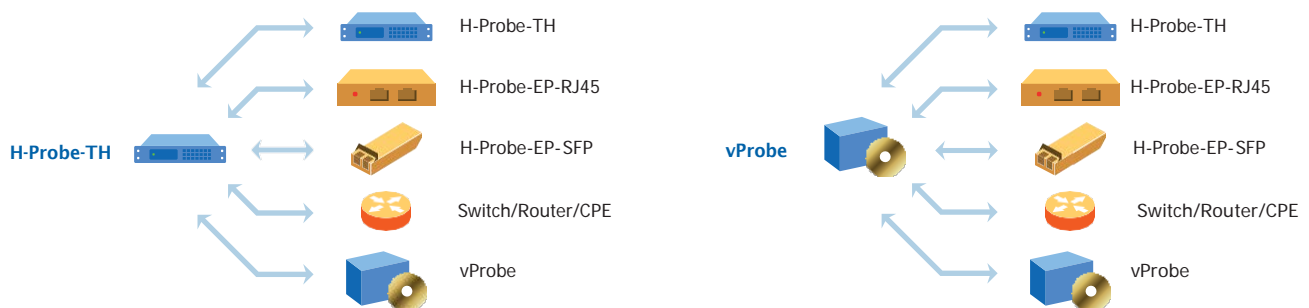
- CIR Test  
Committed Information Rate
- EIR Test  
Excess Information Rate
- Traffic Policing Test
- CBS Test  
Committed Burst Size
- EBS Test  
Excess Burst Size

### Service Performance Test


Validate the quality of service of each defined Services

- Test duration from 1 min to 24 Hours
- All services simultaneously within their CIR


### Y.1564 - Turn Up test between



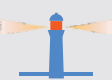
**Cost Effective**  
Entry Level & Turnkey Solution  
Software Agent  
Licensing Model




**Expert System**  
Network Expertise, to automatically  
analyze Network behavior



**Scalable**  
For small and large deployments  
Big Data Analytic Engine



**End-to-End Visibility**  
QoS measurement on any point of IP  
Network up to the Application Server



**High Level Accuracy of Measurements**  
Required feature to detect critical  
Network issues



**Future Proof Solution**  
SDN / NFV Ready