

## Achieving service differentiation with advanced SLAs and Comprehensive OAM

ITU-T Y.1564 is an essential tool used by carriers to increase their differentiation by offering higher service assurance and cost effective SLA validation. Implementation of Y.1564 within an Ethernet Access Device (EAD) enables generating and analyzing traffic to validate that internal or customer-facing KPI performance metrics such as throughput, frame loss, latency, and frame delay are continually being met.

The Actelis solution enables using Y.1564 to simultaneously test multiple KPIs over a number of services per link. This capability is fully remote controlled, and is typically used as part of service activation, before connecting the customer, as well as "on - demand" to ensure that the link performance is continuously in accordance with the committed SLA.

Using Y.1564 carriers can increase their customer responsiveness by enabling faster service activation; lowering their OpEx, attaining accurate performance visibility, and offering services that generate more revenue with higher overall service reliability.

