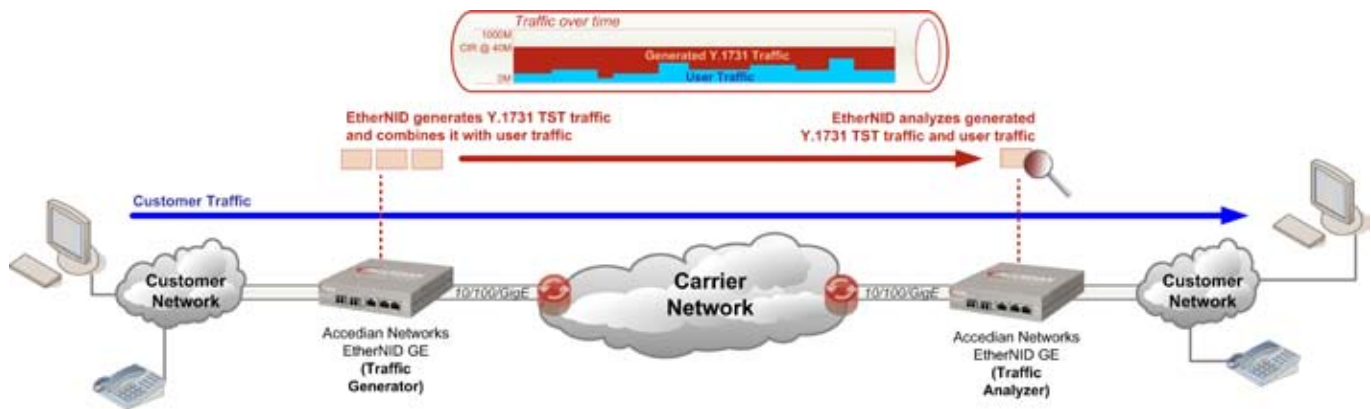


## Seamless Throughput Measurement (In-Service RFC-2544)

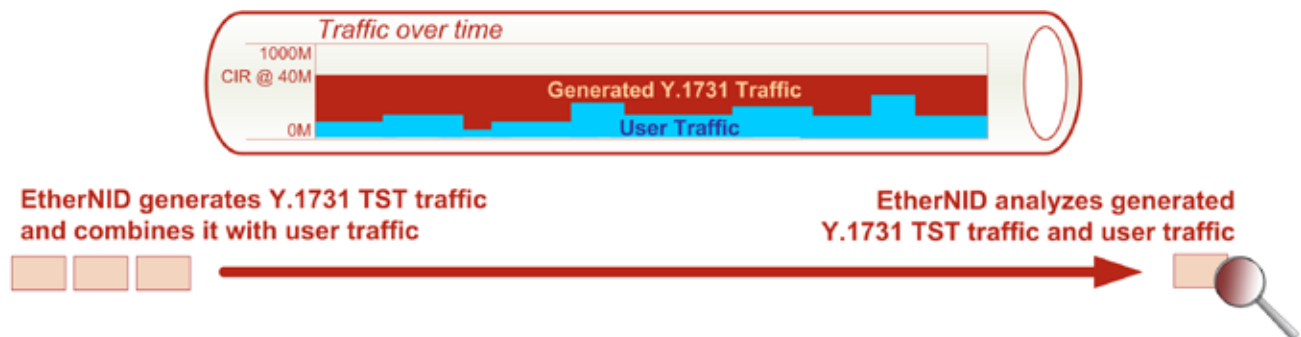
Accedian Networks allows Ethernet Service Providers to validate the maximum throughput of a circuit while the end-customer traffic remains completely unaffected with its Seamless Throughput Measurement technology.

The standard RFC-2544 method is widely used as a turn-up solution in order to test a circuit's throughput prior to enabling customer traffic, but when customers report bandwidth-related problems, or when new equipment is installed in the network, the circuit must be brought down in order to run these tests.

As part of its End-to-end live Ethernet SLA verification, Accedian's breakthrough technology allows operators to remotely run In-Service RFC-2544 validation non-intrusively, while end-user traffic continues flowing seamlessly.



Completely non-service affecting and based on the RFC-2544 standard, the EtherNID™ utilises the end-customer traffic as part of the test pattern in order to exercise End-to-end CIR/EIR/CBS/EBS parameters of an EVC while the end-user applications continue flowing through in a seamless fashion. Accedian's Ethernet Demarcation Devices will generate a variable flow of test traffic in addition to the user traffic, in order to create a continuous throughput of data at a given rate (for example at CIR or at wirespeed).



The new patent-pending technology allows carriers to ensure the end-user is getting the bandwidth he's paying for without having to bring down the service, and thus generating considerable savings in OPEX by avoiding the use of costly maintenance windows (nights and weekends).

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