



TOTAL VISIBILITY ANYWHERE

Network TAPs provide the details that SPAN ports don't.

NETWORKS ARE GROWING FASTER THAN EVER

In 2016, Gartner estimates there are 6.4 billion connected things, with that number expected to grow to 20.8 billion by 2020.* This means exponentially more and more complex traffic.

When complexity goes up, visibility needs to go up. You need to see **EVERYTHING** in your network.



When it comes to visibility, your first line of defense is access to data. You have two choices: **TAPs** or **SPAN**.



TAPs vs SPAN

Taps don't change or alter data, interrupt data flow, or stress the switch.

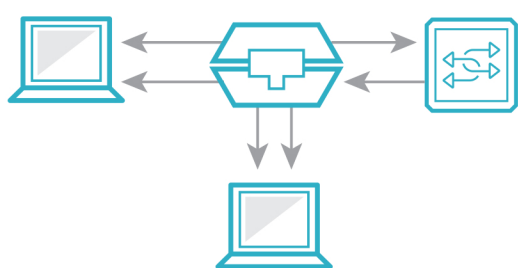
Also, TAPs provide scalability, meaning...



As traffic goes up



access to all data is maintained



Ixia TAPs sit passively inline and provide ALL the data to monitoring devices.



SPAN means lost data and fewer switch resources.

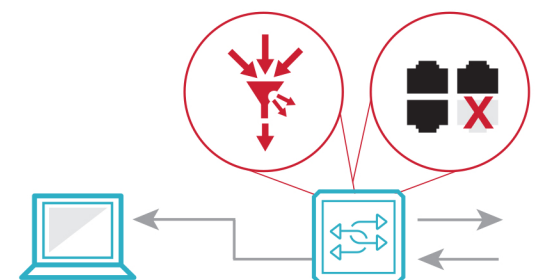
Also, SPAN is not scalable, meaning...



As traffic goes up



visibility goes down



SPAN ports can result in packet loss. Because they require port mirroring, they take away valuable switch ports.

TAPs: The Clear Winner

TAPs

TAPs provide effective visibility by letting you see 100% of network traffic.



SPAN

SPAN ports obstruct your network monitoring and leave you vulnerable.



*Gartner Press Release, "Gartner Says 6.4 Billion Connected "Things" Will Be in Use in 2016, Up 30 Percent From 2015", November 10, 2015 <http://www.gartner.com/newsroom/id/3165317>