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
- Avoid interrupting data flow
- Scale to meet changing needs
- Ensure access to all data is maintained
- Even as traffic grows, TAPs provide effective visibility by letting you see 100% of network traffic.

**SPAN**
- Lost data and fewer switch resources
- Non-scalable, meaning visibility goes down as traffic grows
- SPAN ports can result in packet loss. Because they require port mirroring, they take away valuable switch ports.

**TAPS: THE CLEAR WINNER**

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

**SPAN MEANS LOST DATA AND FEWER SWITCH RESOURCES.**

SPAN ports obstruct your network monitoring and leave you vulnerable.

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**NETWORKS ARE GROWING FASTER THAN EVER**

A new forecast from International Data Corporation (IDC) estimates that there will be 41.6 billion connected IoT devices generating 79.4 zettabytes (ZB) of data in 2025. IDC projects that the amount of data created by these connected IoT devices will see a compound annual growth rate (CAGR) of 28.7% over the 2018-2025 forecast period.*

When complexity goes up, visibility needs to go up.