

Ensuring Network QoS Without MPLS



CHALLENGE

Multiprotocol Label Switching (MPLS) had been used to ensure reliable voice calls and responsive applications for nearly sixty-five employees in two corporate offices in Louisville and Lexington. But MPLS presents challenges for today's SMBs and enterprises:

- High cost
- Limited bandwidth
- Lack of support for cloud applications

SOLUTION

After reviewing SD-WAN solutions from a variety of vendors, InSpeed Quality Service (IQS)[™] was selected to ensure high quality voice and videoconferencing between employees, partners and customers. IQS is the only SD-WAN solution purpose built for interactive applications and specifically guarantees low latency applications over all others.

APPLICATION

High Quality Voice Over Commodity Internet

ABOUT THE CLIENT

A Kentucky-based technology company providing communications, security, structured wiring and carrier services.



"We looked to SD-WAN as the possible solution for our MPLS cost and performance issues, but needed something that worked specifically for voice."

Kentucky Technology Company

RESULTS

Improved QoS and Reduced Costs

"InSpeed is uniquely positioned to solve voice problems. As soon as we installed InSpeed's solution, our call quality improved dramatically. Our engineers could communicate clearly with our customers and with one another. And IQS is delivering this improved call quality for a fraction of the cost of MPLS."

ROI: BY THE NUMBERS

	MPLS		IQS • Internet	
	Bandwidth	Cost	Bandwidth	Cost
Lexington	5 Mbps	\$960	100 Mbps	\$100
			IQS	\$200
Louisville	5 Mbps	\$960	100 Mbps	\$100
	MPLS to Internet	\$180	IQS	\$200
	\$2,100 / Month		\$600 / Month	

3.5x Savings in Cost

20x Increase in Bandwidth

75x Improvement using IQS + Internet versus MPLS