Consider multi-path networks - with single path networks, a backhoe hitting a fiber conduit can bring down the network for hours or days. Nearly half of districts spend less than 4% of their technology budget on security.*

Ensure access from both school and out of school. 7 in 10 teachers assign homework that requires Internet access.

Invest in network reliability, availability and mitigate risk. Prioritize redundancy for the most at-risk areas of your network. Eliminate as many risks as possible.

Understand and plan for obsolescence. Networks can grow by 60% each year while on the steep part of the growth curve.

Select a funding model. Plan for multi-year sustainability.

Smart Superintendents are building Smart Networks. 

How do they do it?

Strategically align the technology with the curriculum

Ensure curriculum and technology teams are collaborating. Provide professional development for Superintendent on the role of the CTO and how a Certified Education Technology Leader (CETL) http://www.cosn.org/cetl-exam supports the entire learning model.

Elevate network security to a key issue

Districts AND individuals can be legally liable for breaches. Consider a Trusted Learning Environment Seal (TLE http://trustedlearning.org/)

Nearly half of districts spend less than 4% of their technology budget on security.*

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Plan for 5 years out; Devices, networks, and usage are rapidly changing.

Questions?
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*According to CoSN 2016 Infrastructure Survey http://www.cosn.org/Infrastructure2016

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