



# Consortium of School Networking (CoSN) Seeks CFISD Experience in Building a SMART Education Network by Design

Frankie Jackson has been working with the Consortium of School Networking (CoSN) to develop an easy to read infographic to explain what a Smart Education Network by Design (SEND) is. On **February 23, 2017** and in several previous meetings, Frankie has been involved with this effort.

The following is the draft version of the infographic. CFISD is a key player in the initiative because we are the only district in the NATION that has built a SMART network and more impressively, has it up and running!

**Smart Superintendents**  
are building Smart Networks.

## How do they do it?

### Strategy and Considerations

- Strategically align** the technology with the curriculum
- Ensure** over time and technology teams are **collaborating**
- Provide** professional development for Superintendents on the role of the CTO in the Smart Education Leadership Institute (SEL) on <http://www.csn.org> provides a response for every learning model.

**7 in 10** teachers assign homework that requires Internet access

**Smart Education Networks by Design** a CoSN leadership initiative

**Smart Education Networks** a CoSN leadership initiative

- Ensure access from both school and out of school
- Elevate network security to a key issue
- Consider a Trusted Learning Environment tool ([TL2.itty.com](http://TL2.itty.com))
- Districts AND individuals can be legally liable for breaches
- 27%** Less than one-third (27%) of districts have a dedicated network security person\*
- Nearly half of districts spend **less than 4%** of their technology budget on security
- Invest in network reliability, availability and outage risk
- Consider **multi-path networks** - with single path networks, a technician hitting a fiber conduit can bring down the network for hours or days
- 5** Prioritize redundancy for the most at-risk areas of your network—minimize 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

\*According to ISM 2016 Infrastructure Survey <http://www.ism.org/infrastructure2016>