

The *SMART* and Safe School Campus

Fran Mauney and Brent Odom

franmauney
putting students first



Fran Mauney
Intel Education

- Educator
- Discovery Educator
- Former Technology Integration Specialist: Instructional Technology Facilitator
- Wrote District Technology Plans and School Technology Plans
- Trained teachers and administrators how to integrate technology in the classroom
- Modeled lessons with students: Gradual Release of Responsibility
- Piloted 1:1 initiative for Title 1 Schools
- Piloted Discovery Education Science Techbook, Student Response Systems, Promethean ActivInspire Software and ClassFlow
- Microsoft Innovative or Network STAR Teacher
- Trained teachers and students how to use Microsoft Office Tools
- Presented at ISTE 2013, 2014, SC Edtech, Coordinator of Upstate Technology Conference, SCASL, SCIRA
- Greenville County Distinguished Reading Teacher of the Year
- Teacher of the Year 3 Times
- Adjunct Professor for College of Charleston 2009-2014
- Grant writer and winner of several grants
- Curriculum writer for SC State Department of Education
- 1st and 2nd grade teacher

Brent Odom



- M.Ed. in School Administration & Supervision – Clemson University
- 12 Years in Public Education
 - High School Social Studies and Leadership Teacher
 - Middle School Administrator
 - High School Assistant Principal & Interim Principal
 - School & District Accreditation Committee Chair
 - School & District Technology Committees
 - Leadership Team that helped open new middle school
 - Mentored teacher and school administrator candidates
 - BYOD & 1:1 school technology committees
 - Managed school budgets, teacher evaluations, professional development
 - School Grant experience – writing and awards
 - Transitioned schools from paper to online government-mandated testing
 - 9 years' experience in a large, metropolitan school district
 - 3 years' experience in a small, rural school district
- SYNEX Education Program Manager
 - Largest Public-Sector Vertical at SYNEX
 - Education subject-matter advisor
 - Consultant for SYNEX Campus & Learning Solutions and Professional Services
 - Sales team training & coaching for education market
 - Thought-leader for educational trends, research, policy interpretation

Your School's Tech Story



○ Safe, Secure, & Efficient Schools

- IoT / SMART Campus
- Personal Safety of Students & Staff
- Updated technology as a tool to help administrators and law enforcement officers

○ Safe & Vibrant Communities

- Productive Citizens
- Economic Growth & Business Outcomes
- Partnerships between schools and law enforcement



Policies and Procedures

What is Important?

Policy, operations and fiscal challenges persist for schools



Efficiency

Smarter schools through IOT & analytics



Measuring Impact

Measuring outcomes, not devices



Managing Costs

Making smarter financial decisions for education



Security

Keeping students & their private data safe

Campus Infrastructure Trends

- Increased funding for school safety due to recent events
- Average age of a US School Building is 44 years old / 12 years since schools have been renovated
- Upgrades to bring schools up to standard
- Migration to IP based systems
- SMART Campus



Developing a Plan

- PASS (Partner Alliance for Safer Schools)
 - Combined effort between SIA and NSCA
 - www.passk12.org
 - Tiered Solution
- Risk Assessment
- Implement a tiered plan
- Cyber Security
- Partnerships with local law enforcement



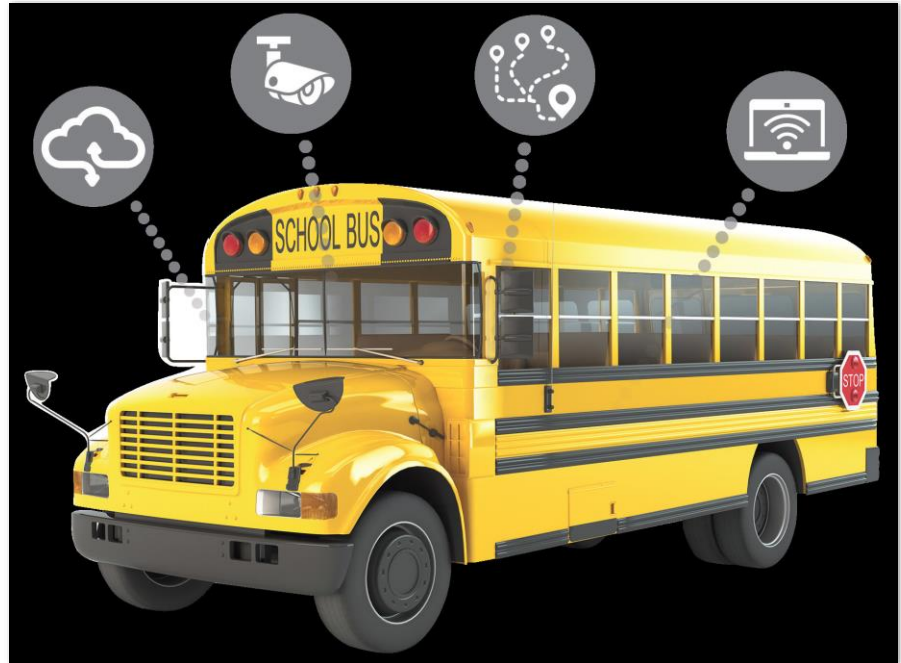
Technology Solutions for Campus Safety

- Visitor Management
- Access Controls
- Security Cameras
- Video Management
- Video Viewing on tablets, consoles, or command center
- Parent Notification
- Threat Detection
- Situational Awareness
- Facial Recognition



School Bus Management

- Wi-fi Router
- Security Cameras streaming back to transportation hub or school
- Bus tracking
 - Apps for parents, students, and administrators
- Automated driver logs





IoT / Connectivity Solutions

Asset Tracking

Water, Temperature, Energy: Smart Building

Gunshot Detection

Artificial Intelligence through Cloud Data Analytics

Digital Signage

Smart Parking

Funding

- NEW – Consolidated Appropriations Act of 2018 with reauthorization of funding for school safety grants administered by DOJ (\$25 million for school security technology)
- STOP School Violence Act
- Partnerships with local law enforcement agencies
- Education Grants – Federal, State, Local, Foundations



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What Can Technology Solve for Your School?

- Share with groups

Ticket Out the Door

- What would you like to implement in the future?
 - Technology Plans
 - PTA Grants
 - Site Assessment
 - Partnerships