

SHAWN WHEELER

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CHIEF TECHNOLOGY OFFICER

AREAS OF EMPHASIS – VISUAL AND AUDIBLE COMMUNICATION SYSTEM RELATED TO K12 EDUCATION SECTOR

Chief Technology Officer with over 30 years experience ranging from school district technology to the development, manufacturing and deployment of IP audio, video, bell & intercom, and security products is seeking a new opportunity. Seasoned leader providing strategic thinking skills with the ability to analyze market and business needs, research, and plan, hire and maintain a talented team of technical individuals. Well-developed record of concept design through full implementation of software and hardware solutions.

Areas of Expertise

Leadership | Strategic Planning | Research | IP audio and IP audio communications | MASS Notification Systems | Scheduled Audio | Integrated communication systems | Vendor relations on and offshore

EXPERIENCE

Galaxy Next Generation “G2”, Toccoa GA

November 2019 – Present

Technology Education Company with offices in Arizona, Colorado, Georgia, and Florida offering K-12 Education technologies related to Classroom Multimedia, Bell, Paging & Intercom and OEM related equipment.

Chief Technology Officer

- Provide vision and leadership:
 - For all company technology needs.
 - To both the company and offshore software development teams.
 - To both company and offshore engineering teams.
 - For product development. e.g.
 - Advancement of G2 Communicator features:
 - Audible Alerting
 - Visual Alerting (PC, MAC, Chromebook, IFP's, IOS and Android phones)
 - aChat (synchronous communication during an alert)
 - Activator (Industries first integrated Alert, Announcement, Intercom, Paging and Chat application for a smart phone.)
 - Migration of disparate systems to a single communication and storage platform providing better tool and cost savings to the company.
- Interfaced with offshore engineers and software developers to create:
 - IP speaker with integrated microphone array and flashers.
 - Integrated clock.
 - Integrated clock and video camera.
- Manage company MS 365.
- Manage AWS Cloud servers.
- Manage the Galaxy Next Generation Arizona office.
- Manage product assembly team.

Other:

- Co-Inventor
 - United States Patent 2020/0235824 - Device pairing using sound waves.
 - United States Patent 2020/0236724 - Assistive listening system that uses sound waves for device pairing.
 - United States Patent 2020/0235825 - Panic alerts using ultrasonic sound waves.
 - United States Patent 2020/0396540 - Audio/visual device with central control, assistive listening, or a screen.

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Ehlert Solutions Group & Interlock Concepts, Sandy UT

April 2014 – 2019

Start-up Companies – Ehlert Solutions Group an educational design and consulting company with an installation arm. Interlock Concepts a manufacture and sales organization building innovative products for the K-12 educational market with a focus on audio, video, bells, public address, and surveillance.

Director of Integrated Learning (Ehlert Solutions Group)

- Manage business development for Phoenix Bell and Paging application.
- Create sales opportunities and maintain customer relations relating to sales of:
 - Bell, Paging & Intercom solutions.
 - SAFARI Montage sales and integration.
 - Audio Enhancement sales and integration.
 - IP based video surveillance systems.
- Provide live and video systems training for new installations.
- Design all systems sold by Ehlert Solutions Group.
- Responsible for creating bid response documents.
- Generate responses to RFP's, RFI's, and Submittals.
- Generate System Owners Manuals.
- Managed all related IT duties:
 - Company SharePoint system.
 - Office 365
 - Web Sites
 - Routers, Switches, computer, printers, etc.

Chief Evangelist (Interlock Concepts)

- Lead the architecture and development of Phoenix Bell & Intercom. (Now G2 Communicator)
- Developed the new user interface of HUB Bells. (Replaced by Phoenix Bell & Intercom)
- Lead the integration of a PBX into HUB Bells.
- Key member of the development of three OEM products which launched Audio Enhancement into the bell and intercom industry.
- Provided QA testing for all products developed by Interlock Concepts.

Audio Enhancement, Bluffdale, UT

January 2012 – March 2014

A manufacturer of classroom amplification systems with offices throughout the United States and annual sales revenue of \$20 Million.

Director of Innovative Technologies

- Manage the business development and business strategy for the SAFARI Montage/VIEWpath educational software product.
- Directly interface with SAFARI Montage development team to improve the VIEWpath product for integration into the Audio Enhancement ecosystem.
- Established streamline process for mass configuration of IP audio and video endpoints creating a new revenue stream for the company.
- Established pricing, sell directly to customers, and train sales staff on how to position product and establish value with customers; provide pre-sale design support for sales team.
- Provided post-sale implementation and training support to customers.

Tolleson Elementary School District, Tolleson, AZ

2009 – 2011

A school district with 6 sites, 4 schools, 3000 students, and 250 staff members.

Executive Director of Technology

- Provided strategic leadership and direction for all technology used in the district for classroom and business operations.
- Created, tracked, and monitored a \$750,000 technology budget.
- Specified technology needs and worked with vendors to obtain the best pricing while keeping the district within legal purchasing requirements.
- Managed and oversaw the implementation and installation of new and upgraded software systems and technologies.
- Managed and supervised 3 employees and 3 consultants: hired and trained staff on new technologies.

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- Managed the installation of new technologies, including New Active Directory Domain, Exchange 2010, SharePoint 2010, Lync 2010, Data Protection Manager, SQL 2008, System Center and Configuration Manager, Hyper V deployment, Windows 7, and Office 2010 upgrades.

SAFARI Montage, Phoenix, AZ

2009 – 2009

SAFARI Montage provides K-12 school districts with a comprehensive solution for their digital media distribution and visual instruction needs.

Director of Systems Solutions – Western Region

- Provided technical pre-sales system design and configuration consulting.
- Managed and oversaw installation, implementation, and training.
- Facilitated administrative and end-user training.
- Collaborated with software development team and provided customer feedback on what features to add to future versions of the software.

Peoria Unified School District, Peoria, AZ

1993 – 2009

A school district with more than 40 sites, 30,000 students, and more than 3,000 employees.

Director of Information Technology – Technology and Training (2004 – 2009)

- Managed and oversaw technology training for the district; supervised and led a team of trainers and 2 Media Specialists.
- Provided leadership to the district in new technology for classroom education and business operations.
- Specified new software and equipment, managed all site design and hardware, and performed maintenance of all public-facing websites.
- Tested, vetted, and recommended all education technology tools.

Key Accomplishments

- Designed and implemented a plan to move the district web site to a Microsoft SharePoint Portal Server.
- Designed, planned, and implemented a training program to teach employees and students how to use Microsoft SharePoint Portal Server Services.
- Planned and managed the deployment of specialized technology projects including mobile wireless laptop centers and mobile projector carts.
- Co-authored the district's Technology Policy.
- Installed and deployed the first Learning Management System; located, purchased, and implemented the replacement of the Blackboard LMS to the Moodle LMS.
- Brought podcasting and videocasting to the district; facilitated move to become one of the first school districts in the nation to broadcast and record all school board meetings live.
- Received Technology Coordinator of the Year Award by the Arizona Technology in Education Alliance.

Technology Training Specialist

1997 – 2004

Technology Life Careers Teacher

1993 – 1997

Northern Arizona University, Flagstaff, AZ

2001 – 2009

Ottawa University, Phoenix, AZ

2001 – 2003

EDUCATION & CERTIFICATIONS

- Northern Arizona University, Flagstaff, AZ, Master's Degree in Vocational Education
- Northern Arizona University, Flagstaff, AZ, Bachelor of Science Degree in Technology Education
- Arizona Teaching Certificate
- SAFARI Montage Certified Designer, Installer and Trainer