



ELIZABETH TOWN
INDEPENDENT
SCHOOLS

FirstNet Radio Acquisition and Implementation

March 18, 2024

Strategic Plan Alignment

| ENERGIZE PEOPLE |
|--|
| OPPORTUNITY AND ACCESS |
| WELLNESS |
| NUTRITION (FOOD SERVICES), SAFETY, AND HEALTH SERVICES |
| BY FOCUSING ON INCREASED HEALTH AND WELLNESS, STUDENTS WILL FEEL HEALTHIER, SAFER, INCLUDED, AND MORE FULFILLED IN THE SCHOOL ENVIRONMENT. |

| VALUE STEWARDSHIP |
|---|
| OPPORTUNITY AND ACCESS |
| WORLD-CLASS FACILITIES |
| OPERATIONS, CONSTRUCTION, AND CLASSROOM FURNITURE |
| BY HAVING WORLD-CLASS FACILITIES FOR OUR STUDENTS AND STAFF, LEARNING ENVIRONMENTS WILL IMPROVE FOR EVERYONE. |

- Previous System didn't provide complete coverage in district
- Previous system was analogue and antiquated
- More cost effective than installing a repeater
- Better range and coverage than a repeater
- Advanced web features and portability, GPS
- Increased comms, safety, reunification,, and communication at building level, school to school (TKS/MES - EHS/PA), and on the road
- 13 regular routes, 2 spares, 3 at the Bus Garage, various #'s at each building and Central Office



FIRSTNET

ePTT, Siyata SD7, and Web Dispatch Solution





Advantages



A physically separate network core **fully dedicated** to public safety



Always-on, 24x7 **priority and preemption** across voice and data communications



Access to **FirstNet Deployables** used to boost FirstNet capacity and coverage when needed

State Agreement

Terms related to the Commonwealth of Kentucky Agreement

- Custom device pricing
- No early service termination fees
- Waived activation and upgrade fees
- Device upgrade eligible every 18 months

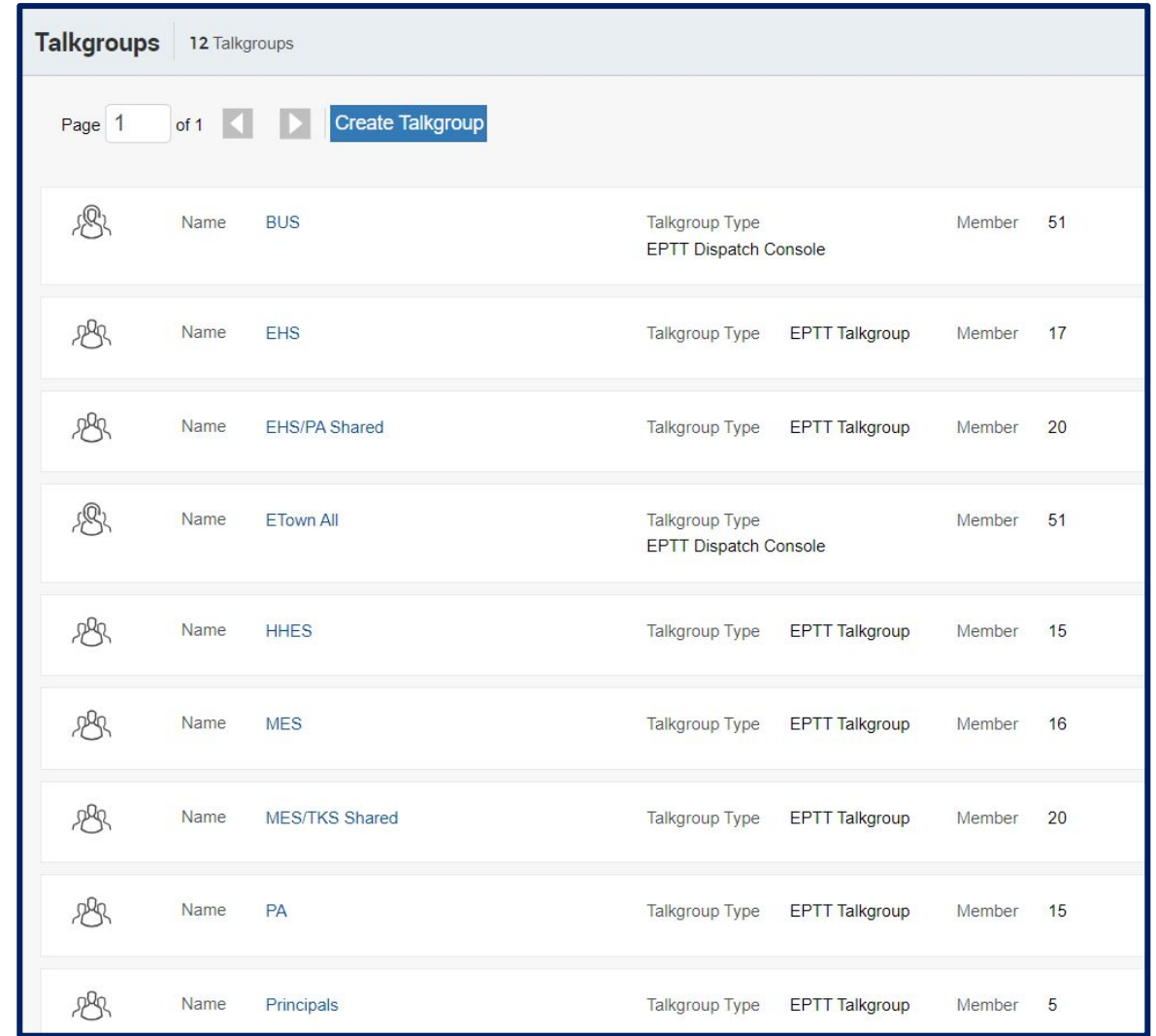
EPTT & CORPORATE ADMIN TOOL

ePTT Benefits (video)

- Utilizes FirstNet/AT&T Networks
- Sub-second call setup
- Supports 96 talkgroups (6 Zones, 16 Channels)
- Private, secure network eliminates scanner listening
- Location capabilities using Web Dispatch Solution

Corporate Admin Tool

- Custom Talk Groups
- Supports 96 talkgroups (6 Zones, 16 Channels)
- User based channel assignments



The screenshot displays the 'Talkgroups' management interface. At the top, it shows '12 Talkgroups' and a 'Create Talkgroup' button. Below this is a table listing various talkgroups with their names, types, and member counts.

| Name | Talkgroup Type | Member |
|----------------|-----------------------|--------|
| BUS | EPTT Dispatch Console | 51 |
| EHS | EPTT Talkgroup | 17 |
| EHS/PA Shared | EPTT Talkgroup | 20 |
| ETown All | EPTT Dispatch Console | 51 |
| HHES | EPTT Talkgroup | 15 |
| MES | EPTT Talkgroup | 16 |
| MES/TKS Shared | EPTT Talkgroup | 20 |
| PA | EPTT Talkgroup | 15 |
| Principals | EPTT Talkgroup | 5 |



WEB DISPATCH SOLUTION

Web Dispatch

- Web-browser based solution
- Group, private, and broadcast calling
- Real-time status of users
- Location and history
- Recording capabilities

The screenshot displays the Web Dispatch Solution interface, which is divided into several sections:

- One-To-One Call:** A section at the top left for Arora Smith, featuring a microphone icon and a call button.
- CONTACTS:** A list of contacts with search functionality. Arora Smith is highlighted in blue. Other contacts include Antony Nolton, Ben Chapman, Bonnie Jackson, Bus Manager, and Calvin Jameson.
- MISSED CALL ALERTS:** A section below contacts showing "No Missed Call Alerts".
- MONITORED TALKGROUPS ACTIVITY:** A table at the top right showing active talkgroups: Field Ops, Utilities Electric, Parks, and DRAG TALKGROUP.
- TALKGROUP SCANNING:** A status indicator at the top right showing a green bar.
- MAP:** A Google Map showing the current location of Arora Smith in Plano, TX. A pop-up window displays her details: Name (Arora Smith), Phone Number (555-555-6616), Near Location (1501 10th St, Plano, TX 75074, USA), Last Refresh At (11/05/18 10:56:38 AM), Refresh stop time (None), Talkgroup (Field Ops,Parks,North ...), Interval (Seconds) (60), and Duration (Minutes) (60).
- MESSAGES, LOCATION HISTORY, GEOFENCES, AREA TALKGROUPS, LOGS:** A navigation bar below the map with various icons for these features.

SIYATA SD7

Siyata SD7 ([video](#))

- ePTT only functionality
- IP68 Mil Standards
- DOT approved bus kit

