



MCM
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ERIE COUNTY NEXT GENERATION PUBLIC SAFETY RADIO SYSTEM

POST CUTOVER

POST CUTOVER

- **P25 Digital Trunked Scanners (Programming)**
- The link below will provide you with all the required information to program a P25 Digital Trunked Scanner to monitor talk groups.
- Radio Reference:
 - <https://www.radioreference.com/apps/db/?sid=10338>
- The analog (dispatch) paging frequencies for the County and Millcreek are listed below:
 - 453.950
 - 462.9625

POST CUTOVER

- **Subscriber Equipment – Pagers**
- All pagers have been programmed with both analog dispatch “paging” frequencies (County Fire & Millcreek Fire) including local, zone and county disaster tones.
- The pagers have been configured with “open squelch” with a manual reset after alert tone activation.
 - Based on feedback from our first responders, we are making adjustments to the configuration file to eliminate the “open squelch” upon activation of the pager.

POST CUTOVER

- **Subscriber Equipment – Pagers (cont'd)**
- Erie County will need to make arrangements with the respective agencies to reprogram the pagers with the new configuration file to eliminate the “open squelch” option.
- It is our understanding that some departments have purchased their own programming software and cradle for the Unication pagers.
 - Please contact us directly and we will send you an electronic copy of the configuration file.

POST CUTOVER

- **Portable Radios: (Emergency Button – Lapel Mic)**
- It has been requested by user agencies, due to the number of accidental activations by the emergency button located on the lapel mic, this feature be disabled.
 - Erie County is in the process of disabling this feature by reprogramming the portable radios over-the-air (OTAP) or on site at your respective agency.
 - The emergency button on top of the portable radio will remain enabled; only the lapel mic emergency button will be disabled.

POST CUTOVER

- **Train-the-Trainer: (Refresher)**
- Train-the Trainer “Refresher” Sessions will be conducted over a two (2) day period beginning on October 29 – 30, 2019, to be held at the Department of Public Safety.
- In an effort to ensure your availability, three sessions, per day will be offered:
 - First Session: 10:00 AM – 12:00 PM
 - Second Session: 2:00 PM – 4:00 PM
 - Third Session: 6:00 PM – 8:00 PM
- Every user agency should send a member of your command staff as well as your training officer, as deemed necessary for continuing education purposes.

POST CUTOVER

- **Train-the-Trainer: (Refresher – Cont'd)**
- Train-the Trainer Sessions will provide instruction on the following topics:
 - Operation of P25 Radio System
 - Five (5) Zone Configuration
 - Talk Groups
 - Subscriber Equipment (control stations, mobiles, portables radios)
 - Operational Procedures
 - Law Enforcement Radio Procedures Manual
 - EMS / Fire Radio Procedures Manual

POST CUTOVER

- **Subscriber Equipment: (Early Deployment)**
- Every agency that was issued a Model VP600 Portable Radio including accessories (charger, lapel mic, etc.) by Erie County should return this equipment to the Department of Public Safety after cutover to the new radio system.
- In addition, if your agency had purchased additional portable radios (Model VP600) from Mobilcom, please return this equipment to the Department of Public Safety.
 - Mobilcom will be replacing your agency-purchased portable radios with the new Model VP6000 including accessories on a one-to-one basis.

FIELD COVERAGE TESTING

- Erie County, in conjunction with EF Johnson and our public safety community conducted extensive field testing to ensure coverage requirements have been met.
 - Per our specifications, a minimum of 2,000 points of interest to include outdoor and indoor coverage testing was conducted.
 - Over 2400 points of interest was tested by our first responders during the week of August 12-16. Thank you for your assistance in conducting the field coverage testing.
 - EF Johnson Engineers, in conjunction with MCM Consulting Engineers and our Radio Division conducted validation coverage testing the week of August 19-23, 2019.
 - EF Johnson Engineers, in conjunction with MCM Consulting Engineers and our Radio Division conducted “drive coverage testing” the week of September 9-13, 2019.

FIELD COVERAGE TESTING

- EF Johnson will utilize the results of the field coverage testing conducted by the user agencies and the county dispatch center to determine if indoor and outdoor coverage requirements have been met.
 - If there were unsuccessful tests, EF Johnson will continue to make the adjustments or changes to ensure coverage requirements have been met.
- EF Johnson is still processing this information. However, preliminary coverage testing results for the entire county exceeds 98% (portable coverage).
 - Once completed, the information will be shared with public safety officials.
- **Post Cutover:** EF Johnson, in conjunction with Erie County will continue to conduct in-building and outdoor coverage testing. If determined, with your first-hand experience there are areas of concern, remediation efforts will be ongoing through final acceptance.

ACCEPTANCE TESTING

- Three (3) Phases of Acceptance Testing:
 - Site acceptance testing (**Completed**)
 - To confirm each site is performing to specifications
 - System acceptance testing (**Completed**)
 - To confirm system across ALL sites is performing to specifications
 - Final acceptance testing
 - To confirm system requirements meet or exceed required specifications
 - Anticipated in the Spring or early Summer of 2020 with full foliage
 - To be conducted post-cutover, prior to sign off signifying project completion

CUTOVER PLAN

- **Cutover Plan**
- The cutover plan will allow users to smoothly transition to the new system without major disruptions. The plan will be divided into three phases:
 - Phase I - Pre-Cutover Preparation. Consists of careful planning that results in a comprehensive cutover plan with a timeline of events leading up to and following the transition to the new P25 system.
 - Phase II - Cutover Execution. The goal is to execute Phase I planning activities while maintaining current system operations. Site testing will occur with participation amongst public safety users to test the functionality of the full system.
 - Phase III - Post-Cutover. This final phase is focused on removing obsolete components that are no longer needed for new systems operations (i.e., legacy RF infrastructure, consoles, etc.).

Questions?



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CONTACT INFORMATION