

CC SCAN - Explained

Your Harris radio is capable of operating on the Chester County APCO P25 Trunked radio system (as well as in various conventional modes). In this document we will discuss the operation on the County Trunked radio system and its relation to the “CC SCAN” function in the radio.

In order for a trunked radio to function it uses a “Control Channel” to communicate with the system controller. This is how the system knows that the radio has a valid ID and how the radio is assigned a frequency to transmit on when the user presses the “PTT” button. All of this activity occurs within the radio and is usually transparent to the user.

There are times, although rare, that the user may notice their radio “beeping” and showing “CC SCAN” or “BND SCAN” on the display. This is usually an indicator that the radio is in an area with no coverage.



The Chester County Trunked system was tested and shown to perform a 99+% portable on-hip coverage rating. This is not to say that there does not exist some isolated areas within the County, or areas within dense or urban construction, that do not have system coverage.

❖ **It is important that users of the system help the staff at DES in collecting information on these locations as they are discovered. If you notice any area of degraded coverage or find an area where your radio displays “CC SCAN” or “BND SCAN” we ask that you report this issue using the Enterprise Wizard tool.**

Helpful information to include with your entry are: Position of radio (on hip, in vehicle, etc), description of the location (intersection, street address, etc), type of building construction if indoors, terrain or geographical information, and any other information about the incident that may prove helpful to DES Staff.

(DES technicians will attempt to recreate the issue and may be in contact with your agency to assist with follow-up testing)

Enterprise Wizard Reporting tool - <https://chestercounty.enterprisewizard.com/logins/chesterlogin.htm>

For additional information or to view any of the training materials from the Harris radio training sessions please visit the DES website at:

www.chesco.org/des