



Fleetmapping & Codeplug Development Solutions

Fleetmapping is a public safety wireless communication technical term which involves creating a quantity of communication paths, referred to as 'talkgroups' that First Responder groups decide are needed to support current and future Conventional, P25, trunked radio and dispatch console operational user policies.

Why Should Your Organization Care?

The current generation of trunked mobile and portable radios today are manufactured with a multitude of features and technical capabilities. First responders and other mission critical users need a solid education as to the pros and cons of deploying these features.

COMMDEX CODEPLUG DEVELOPMENT

Codeplugs are the radio programming profiles that determines how a radio will operate, which channels and talkgroups it will communicate on, and which features it will support. Commdex has a comprehensive codeplug development process that begins with guiding the customer in the creation of codeplug templates driven by the developed Fleetmap. Commdex then uses these templates to build the codeplugs, managing thousands of fields of data, to produce files ready to be programmed into radios. Commdex follows a quality audit process, including the creation and design of Data Verification Tools and unique case by case Radio Channel Review Software programs, to ensure codeplugs are without error, and can manage codeplug testing in the field, to ensure radio programming can take place without fault.

**THERE IS NO
'ONE SIZE FITS ALL'
APPROACH**



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Past Performances



Puget Sound Emergency Radio Network (PSEARN)

- Tested five simulcast cells for public safety and public works for BER and inbound/outbound DAQ
- Tested over 17,000 total grids between both public safety layer and public works layer
- Tested over 4,100 random buildings
- Tested 518 critical buildings across 128 campuses
- Managed a total of 61 test staff including field testers, dispatchers, engineers and project managers

Exxon Mobil

Trusted consultant and developer for multiple EXOM sites:

- Baytown: Smartnet to P25 migration, six Master CPs, 45 Subordinate CPs
- Beaumont: Translate Baytown FM to Beaumont FM, build three Master CPs
- Billings: Consult on FM development, Build three Master CPs
- Corpus Christi: Develop site FM, Build 3 Master CPs, two Subordinate CPs



Public Service Enterprise Group (PSEG) - New Jersey

- Oversaw the development of 5 Master Codeplugs
- Setup and implemented Radio Management deployment of radio programming
- Provided radio programming supervision in the field
- Provided continuous fleetmap and codeplug development oversight for a period of 18 months

Honolulu County, HI

- Provided technical consultation to customer fleetmap development
- Developed fleetmap for programming a mixed fleet including Harris radios onto Motorola P25 system
- Built 20 Harris Master codeplugs and 80 Harris Subordinate codeplugs



To engage with us for all your communications needs, contact us at sales@commdex.com