What is SDS Remote Control?

This feature allows terminals to receive AT commands (normally sent into the PEI port) sent over the air using SDS messages.

Security is built in. There is a 6 digit password and commands can only be received from specified controllers. The feature provides the ability for remote radio management and allows users to obtain "live" information from radios.

The full set of commonly used AT commands can be used. These can include read/change the following:

- Audio volume setting
- Mode (TMO or DMO)
- Talkgroup
- Scanning and scan list

And read the following

- GPS location
- Base station quality

SDS Remote Control Applied
SDS-RC – OBTAIN COVERAGE DATA FROM RADIO
SCENARIO:
Radio User transmissions are poor. Complaints are being received about the lack of service.
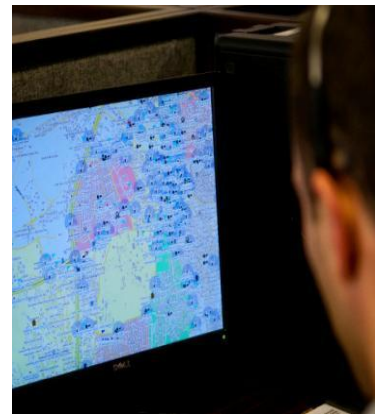ISSUES:
Organisation needs to know where the Radio User is to be able to verify coverage
IMPLICATION:
Can ask the Radio User "where are you" and ask for other information – but the most accurate information comes from the radio itself.
BENEFIT SDS Remote Control:
SDS RC means the organisation can request GPS, Site and signal strength information directly from the radio.

SDS-RC – ASSIST USERS WITH LIMITED RADIO EXPERIENCE
SCENARIO:
An event is taken place where a number of volunteers are required and they have little experience of using radios.
ISSUES:
Some Radio users may not know how to perform certain functions on the radio as there was limited time for training.
IMPLICATION:
The more experienced users could explain how the functions work by communicating over the Radio, however this is time consuming and will create unnecessary congestion on the network.
BENEFIT SDS Remote Control:
SDS RC means the more experienced users can be installed as "Controllers". They are then able to send AT commands over the air via SDS to execute the change that the less experienced users are struggling with.