

# COP921

MOTOTRBO™ Telemetry- & Communication Unit

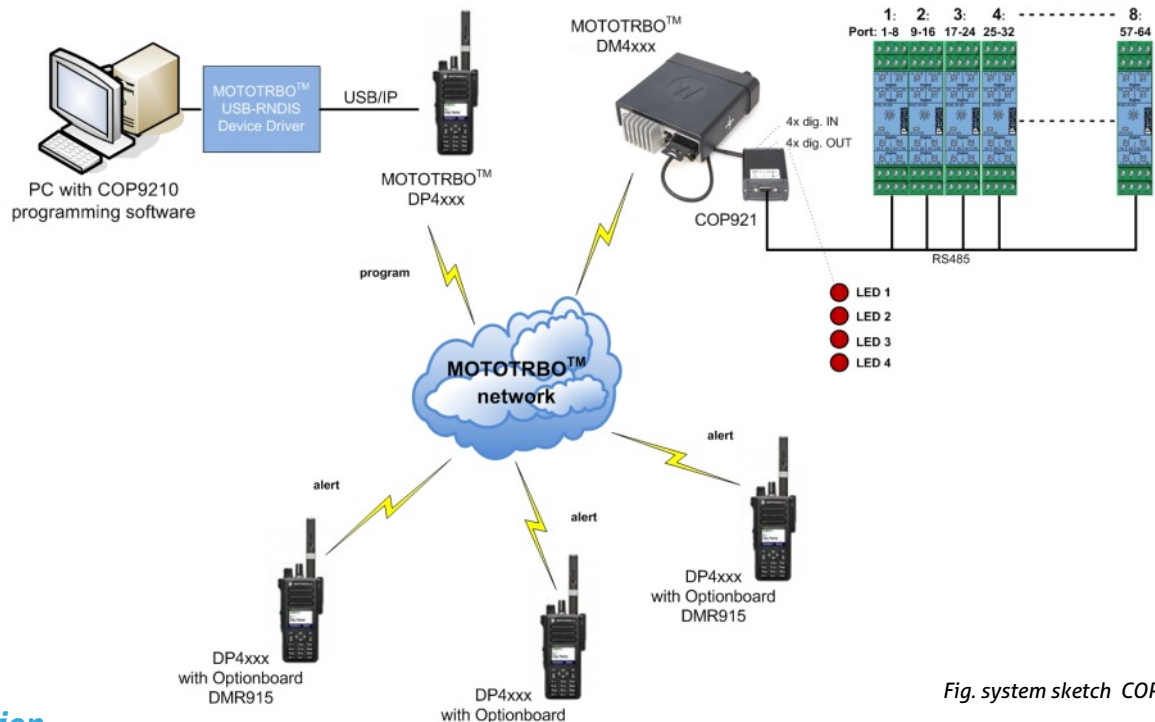


Fig. system sketch COP921

## Application

With the MotoTRBO™ you have a versatile radio communication system to your disposal, improving existing applications or providing new applications. A frequent task is to inform the staff via the radio system as a result of an event. The event might be due to a fault or alarm message of a technical system or an input of a dispatcher. The message based on the event should reach the bearer of the radio device fast and reliable.

With the COP921 automatically upto 8 radio users may receive a text message. COP921 supports two different types of text messages. Text message type TMS (Text Messaging System) may be received by each MotoTRBO™ device. CallOut text messages may in addition be received by MotoTRBO™ radio devices with a built-in Option Board DMR915. The CallOut text message will be displayed in the radio device until a key is pressed by the operator. Simultaneously different tones with variable volume level may be generated via the loudspeaker.

The way of representing a CallOut text message to the radio subscriber is not programmed in the radio device, but is encrypted in the CallOut text message. I.e. it is defined in the COP921 how a message is represented. Furthermore the CallOut text message can be deleted from the radio device via the air interface, if for example the fault has been rectified before the radio subscriber had pressed a key.

Thus brand-new service concepts can be realized with the MotoTRBO™, COP921 and DMR915.

If, for example, a group of radio subscribers is alerted, and one of the subscribers accepts the service order, the CallOut text messages are deleted from the other radio devices.

## Technical Data & Functions

- USB interface to a MOTOTRBO™ DM4xxx radio device
- RS485 interface to Phoenix input modules
- Operating voltage from the radio device
- max. 8 Phoenix input modules can be connected
- 64 digital inputs (+4 inputs at COP921)
- 4 outputs for status indication (operating status, CallOut aktive)
- Programmable CallOut-Clear Command
- TMS and CallOut text messages can also be sent both mixed
- MOTOTRBO™ DP4xxx with option board DMR915

MOTOTRBO™



**MOTOROLA**  
Authorized Communication  
Solution Provider