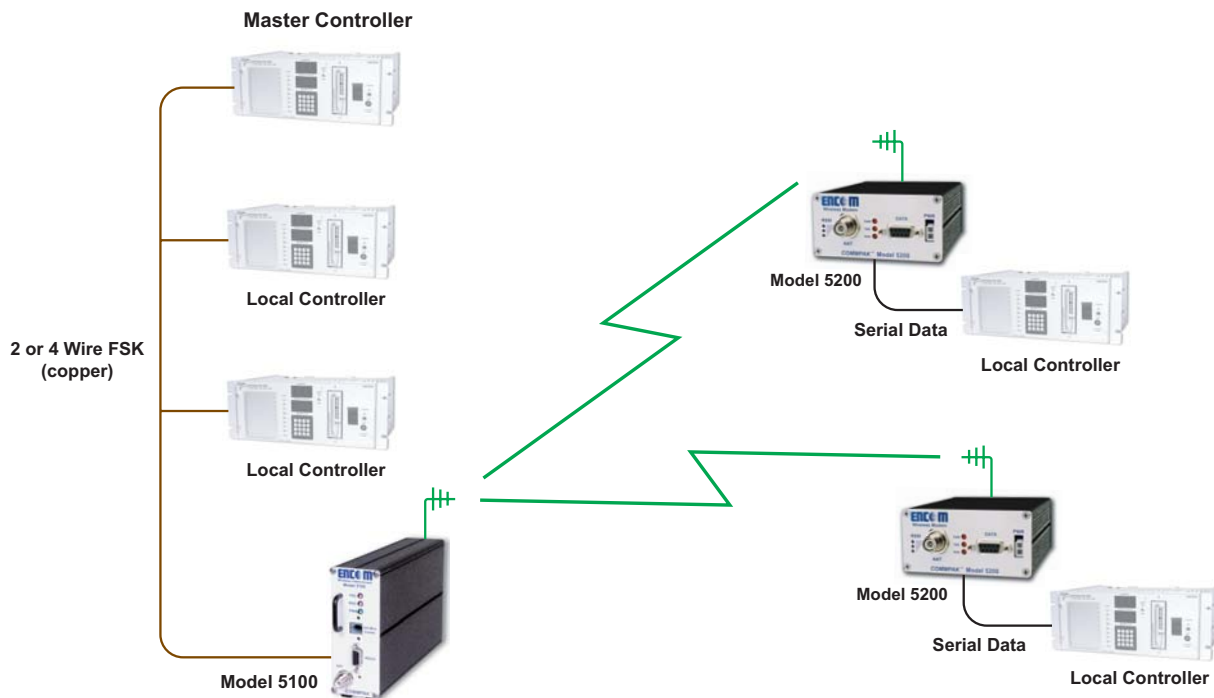


Application 3304

EXTEND COPPER - WIRELESS INTERCONNECT (2 or 4 Wire FSK copper & RS232)

ENCOM radios are designed to extend existing **copper/hardwire** systems and provide a reliable “last mile” wireless interconnect solution for all traffic controllers. ENCOM radios include multiple data interfaces, such as RS232 and 2 or 4 Wire FSK copper. These unique data interfaces allow an ENCOM radio to establish a hybrid system consisting of FSK copper and wireless communications. The radio’s pre-built controller drivers provide compatibility with all major traffic controllers.

The following diagram depicts a wireless copper extension interconnect solution. The master radio is connected directly to the existing FSK copper line. All data communication is sent via hardwire and is then transmitted wirelessly to the remaining traffic controllers.



Advantages

- New ENCOM radio technology saves you time and money.
- Accommodate multiple data interfaces into systems.
 - RS232 & 2 or 4 wire FSK copper.
- Expand existing hardwire systems with wireless communications.
- ENCOM radios are specifically designed for traffic monitoring and control applications.
- **ControlPAK™** Software:
 - System-wide remote programming.
 - Radio drivers for all makes and models of traffic controllers.
 - Link diagnostics and signal strength testing.
 - Built-in spectrum analyzer.
 - Microsoft Windows® compatible.



Wireless Data Solutions

www.encomwireless.com