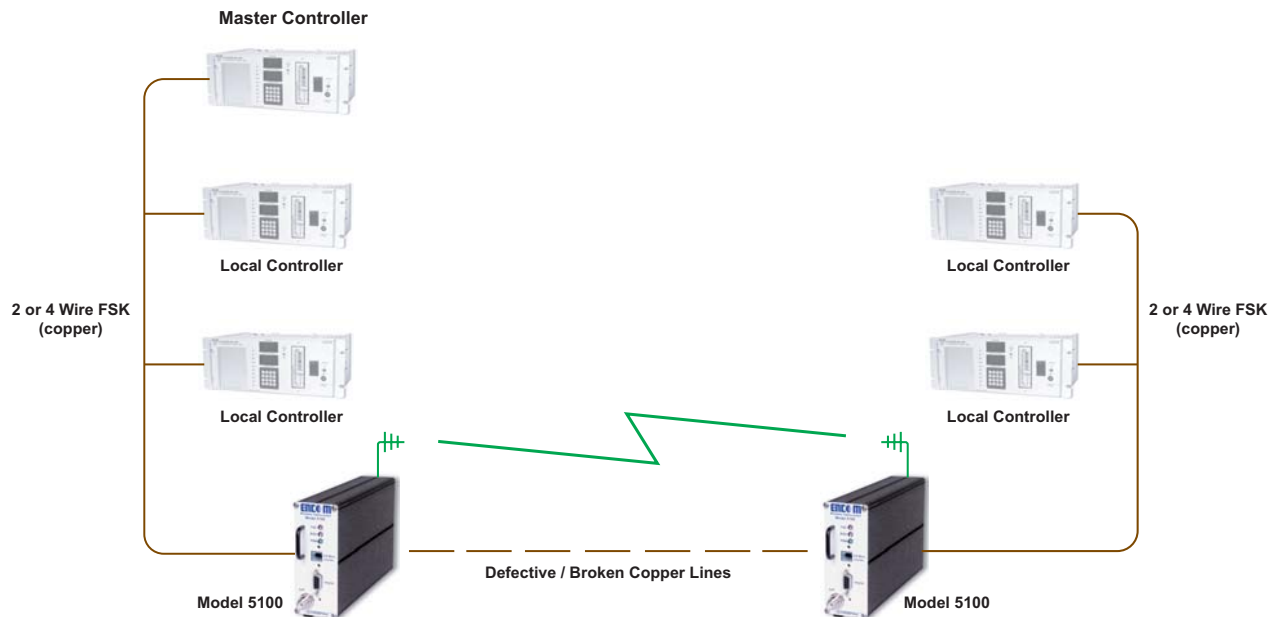


# Application 3306

## BRIDGE LINK - WIRELESS INTERCONNECT (2 or 4 Wire FSK copper)

ENCOM radios are designed to “**replace or bridge**” broken 2 or 4 wire FSK copper lines. ENCOM radios include multiple data interfaces, such as 2 or 4 Wire FSK copper. This unique data interface allows an ENCOM radio to bridge any defective or broken FSK copper line. The radio's pre-built controller drivers provide compatibility with all major traffic controllers.

The following diagram depicts a Wireless Bridge Link 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. The remote radio receives the wireless data and then transmits via the hardwire to the local controllers.



### Advantages

- New ENCOM radio technology saves you time and money.
- Accommodate multiple data interfaces into systems.
  - RS232 & 2 or 4 wire FSK copper.
- Wirelessly bridge broken copper lines with a single solution.
- 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

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