



Invitation to Participate in City Wide Wireless Municipal Wireless System Test

Triad Wireless believes it is time to demonstrate that with our next generation municipal wireless system that can be deployed for as little as \$3,000 per square mile. Communities that need high-speed bandwidth options for residential and government needs and would like to participate in this test/demonstration are asked to submit a request to **Triad Wireless**.

Our goal is to install a system that will allow us to test this design while working out details that make it more productive. The system will initially cover between 2 and 4 square miles although we would also look at Point-to-Point proposals that have 36 square mile coverage areas. We will provide all equipment, labor, and management of the system for up to 90 days after install. Operations after that will be determined based on results and application.

The ideal system will be selected and built to test the following conditions:

- 1) High-Bandwidth users – up to 15 Mbps or more
- 2) High-Density Areas – 50 users per Access Point or more
- 3) High-Bandwidth video – Public Safety
- 4) Long-Range CPE installation – up to 3 miles or more
- 5) Multi-hop Design (two different designs will be installed, single and multi-radio)
 - a. Single radio – range between Access Points and client range, bandwidth after multiple hops
 - b. Multi-radio – high-bandwidth backbone capacity
- 6) Mobility - bandwidth capacity at speed and hand-off times

Triad Wireless will require that the municipality provide vertical asset or roof rights at no cost for the test. In cases of residential or business Point-to-Point deployments, **Triad Wireless** will include all parts and on-site installation (where necessary) for the deployment at no charge. Depending on the application, ownership of the system may be donated at the completion of the test.

Cities that are interested in **Triad Wireless** installing this system may contact us and please include the following information:

- 1) Contact Info
- 2) Suggested Application – type of service, bandwidth requirements, etc...
- 3) Area to be covered
- 4) Local Internet Carrier (Qwest, Verizon, AT&T, Cox, Comcast, Etc...)
- 5) Ingress/Egress Point
- 6) Vertical assets
- 7) Roof rights
- 8) Electrical power access

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