



Marietta Wireless Project

Background/ Benefits/ Budget

Background

As a direct result of its participation in the Appalachian Region Broadband Planning Program titled Technology Infrastructure Group (TIG), Marietta has been aggressively seeking partnerships and funding to implement its vision of the wireless future. Marietta has received multiple letters of support from leading community industry groups and public officials and obtained assurances for between a \$12,000 and \$15,000 private-sector investments in labor and hardware. As a proof of concept Marietta worked with Insight Public Sector and Pronto Networks to implement a city wide WIFI surveillance and Internet access system during Marietta's Sternwheel Festival. The system incorporated wireless surveillance cameras, multiple mobile camera monitoring devices, a centralized server based camera recording and monitoring system and wireless internet access for all citizens and festival goers with full authentication, authorization and accounting of service usage.

Benefits

The full scale implementation of Marietta's WIFI vision will bring to bare benefits far beyond the following:

- Increased broadband access for Marietta's businesses and citizens with mobility, enabling broadband access anywhere within the umbrella of wi-fi coverage.
- WIFI access throughout the city for doctors and healthcare providers enabling whole new levels of healthcare services.
- Wireless camera usage for remote surveillance enabling whole new drug trafficking preventative measures and other law enforcement efforts.
- Police cars and fire trucks can be outfitted with lap tops and cameras to receive or collect critical data wirelessly during traffic stops or emergency situations including: police reports, photos, building diagrams, hazardous material locations, hazardous material incident evaluation and management, Fire management, hostage situation management etc.
- Public official access to key data stores and applications such as the Geographic Information and Service Request Systems.
- A plan to connect to Ohio's Third Frontier Network to provided dedicated high-speed access for research and development purposes for local higher-education and medical providers.

Budget

The project budget was developed based upon the needs of the City for this project. The numbers below represent budget estimates, but were developed through extensive planning efforts.

Budget Item	Cost
Wireless Hardware	\$110,000
Network & Management Hardware	\$25,000
Bandwidth, Network Management, Customer Care	\$28,200
Total	\$163,200

Marietta is seeking \$163,200 in grants to implement this exciting project. These funds will not only enable Marietta to leverage the significant public and private investments and partnerships but it will also create a new model for success in the Appalachian region of Ohio. The initial capital will also provide an engine for other grant resources that will ultimately help transform Marietta's economy. Although this amount represents a significant investment, the investment is small when compared to infrastructure investments the State makes in water, roads and sewers. Marietta believes very strongly that building this bridge to the digital economy will create a huge return on investment not only for itself but for the Appalachian region of Ohio as a whole.