

Spalding County

Rural/Remote Wireless Broadband Initiative

Project Lead(s):

Steve Ledbetter

Mike Windham

Project Work Location:

County Annex at 119 East Solomon St Griffin GA 30223

Project Description:

Make wireless broadband available to our community at low cost; utilizing existing County assets and locations. This will include developing dashboards and analytics to assess the viability of delivery speed, delivery cost, throughput, consumer cost, uptime, maintenance cost/time, and customer feedback. Analysis of the project is designed to understand deployment in rural parts of our State and will set the interns up as subject matter experts (SMEs) in this area.

Project Learning Goals:

For hosts and interns to develop this concept into a real-life service by creating the business processes that will provide broadband to rural communities deploying high-speed throughput at lowest cost possible. ***Building Smart Fiber-Wireless Systems.***

Top Desired Intern Skills:

Creativity in marketing and public awareness to roll out the new service. ***Technical*** expertise to build the foundation for success and overcome any challenges. ***Communication*** skills to explain the system in 'non-technical' terms to our community. ***Management*** skills to lead others. ***Leadership*** skills to think through project challenges with a ***solution-focused*** attitude to achieve the ultimate goal of delivering high-speed internet to our community.

Intern Deliverables:

1. Dashboard that will enable management the ability to monitor project impact
2. Highly skilled intern able to manage delivery of a locally managed ISP designed around a fiber-wireless system ready for deployment in any rural environment around the world
3. Through understanding of cutting-edge plug-n-play equipment to meet the demands of an ISP to deliver these services to the end-user
4. Refinement of engineering, leadership, management, and communication skills used as an immediate and active contributor of a system in the design/build/test/implement/deploy environment.