"Building Community Through Commerce" – Jedai Networks (Jedai) will transform rural, underserved and unserved communities throughout the state of Georgia into a state-wide network of self-serving, self-sufficient Broadband Internet service providers (ISP). Collaborating with local communities, Jedai will provide Broadband infrastructure: (US-manufactured) telecom and datacom switching, routing & transport hardware and software (equipment), backhaul transport services, and a unique awareness, training and visibility framework for local county governments and communities to administer affordable Broadband services to their local populations. Furthermore, Jedai will deliver community e-commerce portals and the managed-self service infrastructure and Broadband ISP tools to bring sustained economic growth to the communities our Broadband infrastructure will enable.

Deploying our Microwave-WiMax Mesh-enabled Ethernet (MWME) Broadband infrastructure, we will uniquely deliver the lowest cost per subscriber infrastructure by deploying an integrated combination of wireless (both WiMax and microwave) 'hot zones' that can cover areas up to 30 miles from the central base station, enabling thousands of subscribers to be linked through a wireless and terrestrial (fiber optic connections to the Internet backbone) mesh network. From the Wide Area Network (WAN), a combination of WiMax and microwave backhaul wireless signals will be broadcast to local wireless networks, or directly to fixed Ethernet customer premise equipment (CPE) for direct Ethernet connections to serve residents and commercial users in local community-based Broadband Local Area Networks (B-LAN). The bandwidth will be sufficient to facilitate advanced Internet applications that support Voice over Internet Protocol (VoIP), IP video and video-conferencing and Virtual Private Networks (VPN). In some targeted areas WiMax backhaul to local WiFi networks will be deployed and work similarly but will allow for both WiMax or WiFi-enabled computers and netbooks to directly provision services without a separate CPE device.

For the GA counties of Bacon-Pierce-Ware, Jedai will deliver Broadband access to 25384 households. The Broadband service be made available to business and public services and utilities.

Our proposed Broadband infrastructure will enable the following services and applications and will include:

1. High-speed (Broadband) Internet access to end users, businesses, hospitals, libraries, schools, and municipal agencies.
2. Billing and provision system for county and local community administration.
3. Comprehensive training of local communities to self-administer, monitor, provision, support and bill for Broadband services.
4. Community Web portal software tools as part of Jedai’s “Building Community Through Commerce” integrated hardware and software e-commerce infrastructure for the creation of managed services and applications like social networking, Voice-over-IP (VoIP), IP video and video conferencing services, blogging, digital picture management, etc.
5. Municipal Web portal software tools as part of the integrated hardware and software e-commerce infrastructure for cities within each region for the creation of managed services and services linking...
citizens, businesses, hospitals, libraries, schools and other municipal agencies with vital public service information like the posting of FAQ's, voter information and other important public service information.

6. Entrepreneur Web portal software tools as part of the integrated hardware and software e-commerce infrastructure to stimulate the creation of jobs within the local communities and foster sustainable economic growth.

7. Access to ease of use Broadband-enabled netbooks to subscribers who do not have access to or own personal computers or smart phones.

8. Access to 24-7 technical support until Jedai trains local communities to support and manage their own Broadband ISP infrastructure (local high-tech job creation opportunity).

9. Broadband access for all county buildings.

10. Broadband access for the schools, hospitals and libraries.

In compliance with program mandates, Jedai will:

1. Adhere to the principles contained in the FCC’s Internet Policy Statement, adopted August 5, 2005 (FCC 05-151) – this is a statutory obligation and applies at a minimum.

2. Will not favor any lawful Internet applications or content over others – this requirement only applies to Internet applications and content traversing the public Internet, not to managed services using private connections or virtual private networks such as those for telemedicine, public safety, distance learning, etc.

3. Will display any network management policies that depart from “standard best efforts Internet delivery.”

4. Will connect funded networks to the public Internet directly or indirectly.

5. Will offer interconnection, where technically feasible, at reasonable rates and terms to be negotiated with requesting parties.
facilities and campuses.

Deepening its product portfolio with Luxcore Networks’ expertise in high-availability optical routing, switching, and transport, QOS, and OSS billing, service provisioning and network management, Jedai is uniquely qualified to deploy and deliver our Microwave-WiMax Mesh-enabled Ethernet (MWME) Broadband infrastructure under our “Building Community Through Commerce” initiative. Our unique “out-of-the-box” thinking and approach to developing local communities into their own "Broadband Internet service providers," will spur economic renewal for these communities unseen by any other competing initiative.

The proposed cost to deploy and deliver Jedai’s MWME (Microwave-WiMax Mesh-enabled Ethernet) turnkey Broadband network solution as proposed herein is 7576332. This solution uses a readily available combination of vendor server, fiber optic, microwave, WiMax and WiFi technologies with our integrated, software-based network management and service provisioning framework to deliver a high-bandwidth, high-coverage, high-availability, high-reliability mesh Broadband network.

Because of the relatively low price of the service to subscribers, we expect a subscriber rate greater in excess of 90%. Lastly, we firmly believe our MWME Broadband mesh network combined with our unique approach to engaging and working with the U.S. Department of Agriculture, the U.S. Department of Commerce, GA state agencies at the local, county and state level in collaboration with local communities will foster job creation and spur sustainable economic growth.