



# CommunityAxxess



## Enabling remote communities with high-speed Internet and Voice Over IP applications

Advanced Interactive solves access speed problems even if you don't have huge bandwidth

A turnkey self-sustainable  
Community wireless  
network

**CommunityAxxess** is an excellent solution for most remote communities that have low bandwidth. When this System is installed, community members will have high-speed access to Internet content; and if **Voice-Axxess** System is also installed, they would also have a telephone infrastructure. Calling long distance would then be available at very low cost.

To date more than \$3 million has been invested by Advanced Interactive in developing and refining this technology. Since commercialization in October 2002, there are over 100 derivations of Axxess Servers installed. They are in places like rural Canada, remote USA, India, Uganda, Senegal, Ghana, Kenya, Nigeria, Tonga, Western Samoa, American Samoa, Tahiti.

CommunityAxxess is developed on a consolidated server architecture. Only **ONE** server connected to a bandwidth source e.g. T1 or bundled ADSL, provides high-speed email, web-caching, web-browsing, web-streaming, web-hosting, file-storage, automatic backups, firewalls, e-Learning courses with a Course Management System. If telecommunication connections are not available, then satellite services may be used.

This robust System would not require a skilled person to manage. Advanced Interactive does this remotely from Burnaby, Canada. Access speeds experienced will be between five and ten times faster than the present experience. Even multimedia information can be delivered at Local Area Network speeds. The average uptime is about 99.99%. Once the CommunityAxxess Server is installed, a wireless infrastructure can be built upon it. The turnkey network and infrastructure is inexpensive and would have wireless speeds of between 11 and 54 Mbps.

CommunityAxxess will enable owners to be Internet Service Providers and Telcos. As well, CommunityAxxess will be able to service schools, health centres, social development, businesses and community-related organizations wirelessly to up to 10 Km away. By offering premium services, owners would be able to sustain the System. Indeed, CommunityAxxess is a boon towards achieving the Millennium Development Goals of the United Nations in many remote regions.

For a Technology Paper go to:  
<http://www.advancedinteractive.com>

*Robust*

**Inexpensive to own and operate**

**Financing to Qualified Communities may be available**

*Proven*

**No Seat Licenses**

*High-Speed*

*Remotely Managed*

### Some comments ...

**GITKSAN GOVERNMENT COMMISSION**, Hazelton, BC – *"Your company's innovative caching server concept will greatly assist us as we now can provide high-speed Internet services, not only to our communities but to the surrounding municipalities. The greatest aspect of this project in our depressed economy is the creation of a new business and jobs for our Nation. We our own ISP but we are also moving into Technical Certification opportunities and computer sales. This has all transpired due to our involvement with your company in this exciting project."* – Matt Vickers, CEO.

**SIMON FRASER UNIVERSITY**, Vancouver, BC – *"The members of our team inspected [your Bella Bella CommunityAxxess] and found the technology impressive. In particular, the implementation of multiple locations using wireless connections was notable. The connectivity speeds were incredibly fast."* – David Gibbons, Director, Executive & Non-Credit Programs

Canadian Partner: **FNN Indigenous Network**  
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