

Fixed Wireless Report

Fixed-wireless High-speed Internet

Anywhere, Anytime...Broadband Internet

www.a2wireless.com

by

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Introduction to Catalyst Fixed-wireless Internet

Catalyst Broadband of Ann Arbor provides high-speed, reliable and affordable access to the Internet. Whether you are sending e-mails, downloading or browsing the Web, our burstable speed rates allocate exactly the amount of bandwidth to perform those tasks. When several of your employees access the Internet simultaneously or you download large files, the bandwidth automatically adjusts to provide optimum performance.

Our fixed-wireless broadband Internet access costs less than hard-wired options because we don't have to trench expensive fiber or copper wires through miles of dirt. Our service gives you a rock-solid connection—through the air—without any of the hassles of DSL or cable.

Catalyst Broadband...

- ✓ Saves you money by leaping over local loops with a wireless connection
- ✓ Constantly monitors your level of service so you won't have any bottlenecks
- ✓ Can get you up and running in 24-48 hours

You get...

- ✓ Fast high-speed burstable bandwidth access to the Internet
- ✓ Affordable pricing plans with 30-day satisfaction assurance
- ✓ All equipment necessary to connect to Catalyst Broadband *
- ✓ Always-on Internet access with zero-connect wait times
- ✓ Limitless bandwidth usage
- ✓ Dedicated IP Addresses

* See page 4, equipment-option list and pricing

FAQs

What you need to know about Catalyst Fixed-wireless Broadband

1. What is Catalyst fixed-wireless broadband Internet?
A wireless, high-speed Internet connection, enabling users to access the Internet, Web, and e-mail as well as share large-size files.
2. How does Catalyst fixed-wireless broadband Internet work?
Strategically placed transmitters beam a signal to an antenna on your roof. A cable linking the antenna to an interface connects your router, firewall or server to the Internet.
3. What is necessary for installing fixed-wireless broadband?
An antenna on your roof with line-of-site to one of our transmitters.
4. Will my service be secure?
Every customer has an encrypted connection to the Internet.
5. How will broadband benefit my business?
You'll access instant messaging, e-mail and news, and perform company and product research with maximum efficiency. Sharing files remotely will enable you, your employees and partners to function more efficiently. Also, creating and updating your website will be a breeze.
6. Do you offer the same speed for uploading and downloading?
Yes. While most companies downgrade upload speeds, we do not. You'll get the same high-speed connectivity in both directions.
7. How do you differ from DSL, cable and ISDN providers?
Catalyst Broadband provides high-speed Internet connectivity as well as complete end-to-end network solutions. The bottom line is...we get you connected faster, better and cheaper.
8. How long does it take to install an Internet connection?
Catalyst Broadband normally has you up and running in a few days.
9. How long will it take to connect my entire network to the Internet?
Less than one week to set up e-mail, Web and file transfer capabilities.
10. Will I have Firewall protection?
Yes, you may use your own Firewall or one purchased from Catalyst Broadband.
11. How many computers in my office can share a connection?
You can share your connection with as many computers as you wish.

12. Can I reduce costs by sharing my connection with nearby businesses?
Yes, Catalyst Broadband encourages its customers to share connectivity because they can reduce costs and/or earn a profit.
13. What are the advantages of a dedicated IP address?
Catalyst Broadband provides a dedicated IP address at no cost, allowing you to access your network securely and remotely through the Internet. It also permits you to host your own website and secure e-commerce web server.
14. How many dedicated IP addresses can I obtain?
Catalyst Broadband normally provides two to six IP addresses.
15. What connection speed is best for me?
Most often a connection speed of 256Kbps is sufficient; however, Catalyst Broadband can connect you at speeds exceeding 512 Mbps.
16. Is there a limit on monthly bandwidth usage?
No, you may use as much bandwidth as you need (total bandwidth depends on which service plan you select).
17. Can I get a faster connection than 512 Kbps?
Yes, Catalyst Broadband can install a hard-wired T1 line at 1.5 Mbps.
18. What are the different monthly pricing plans?

Internet Connection

256 Kbps - \$ 79.95
512 Kbps - \$199.95
1.5 Mbps - \$399.95 *

Internet Connection (with equipment lease):

256 Kbps - \$129.95
512 Kbps - \$259.95
1.5 Mbps - \$499.95 *

\$250 minimum installation charge

All speeds are bi-directional and burstable

* T1 hard-wired connection (some restrictions apply)

** Prices are subject to change without notice

Pricing Plans

Catalyst Broadband offers a seamless, reliable, "always-on" connection to the Internet. Customers can choose from several pricing plans ranging from 256 Kbps to over 512 Kbps burstable. Our wireless approach "leaps" over the bottlenecks encountered by hard-wired providers.

We offer three pricing plans, each based on a specific speed-of-data transfer rate. Our basic "Catalyst 1" pricing plan is comparable in price to an ISDN connection, but it is rated at 256 Kbps—up to 4 times faster than ISDN. Other plans include speeds up to 512 Kbps.

Monthly pricing plans

All speeds are bi-directional and burstable

Internet Connection:

256 Kbps - \$ 79.95 (Catalyst WB1 Plan)

512 Kbps - \$199.95 (Catalyst WB2 Plan)

1.5 Mbps - \$399.95 (Catalyst T1 Plan) *

Internet Connection (with equipment lease):

256 Kbps - \$129.95 (Catalyst WB1E Plan)

512 Kbps - \$259.95 (Catalyst WB2E Plan)

1.5 Mbps - \$499.95 (Catalyst T1E Plan) *

\$250 minimum installation charge

Key equipment list

- ✓ Standard antenna with mounting kit
- ✓ Low noise amplifier
- ✓ Cat 5 connecting cable
- ✓ Power supply

Optional equipment list

- ✓ High-gain parabolic antenna
- ✓ Firewall
- ✓ Router
- ✓ T1 Ethernet Bridge*

* T1 hard-wired connection (some restrictions apply)

** Prices are subject to change without notice

Connectivity and Integration Options

High-speed Internet connectivity

High-speed Internet access is one of the most important communication tools you can use to enhance relationships with employees, partners and, most of all, your customers.

We have a simple philosophy about Wireless connectivity. Get more bandwidth for less money. Catalyst Broadband provides more than a simple connection to the Internet. We supply fixed-wireless Internet connectivity with scalable bandwidth (allowing you to share your connection with others in your building), fixed point-to-point data transmission systems, wireless local area networks, roaming campuses and Voice over IP.

Network, Web, e-mail and remote access integration

Is your company upgrading or expanding its use of technology? If so, we'd like to review your requirements and build a scalable turnkey solution. We have a wide variety of network, server and PC solutions with low initial deployment costs. Our scalable solutions will increase your employees' performance and change as your business evolves. Together, we'll update and deploy new information technology tools to help your business expand. Let us design, build and document all aspects of your custom network solution and experience the Catalyst difference.

Our custom wireless/wired server and network solutions include:

- ✓ LAN, WAN and VPN
- ✓ Firewall and security
- ✓ Backup and recovery
- ✓ Enterprise-wide anti-virus protection
- ✓ Break and fix as well as upgrade (hardware and software)
- ✓ E-mail, instant messaging and calendaring
- ✓ Remote network and file access
- ✓ Voice over IP
- ✓ Much more

Testimonials

"Thanks for all of your help! We are ecstatic with the service you provide. Your support is refreshingly competent...it's great knowing I'm going to have all my questions answered correctly the first time. Thanks for making my job easier. You guys rock!"

-- M.T., Saline

"Acquiring Internet connectivity through Catalyst's Broadband couldn't have been easier. We signed a contract and were up and running at 512 Kbps by noon the next day. Catalyst gave us blistering speed with painless installation and superb customer service—all at an outstanding price. We couldn't be more pleased."

-- E. R., Ann Arbor

"I was amazed at the ability of Catalyst to come in and quickly meet my needs without any hassles."

-- K. B., Ann Arbor

Real-world Applications

- ✓ Catalyst ups the speed four times while lowering costs
- ✓ Offset costs by sharing Internet connection
- ✓ Tap new revenue stream by providing high-speed Internet access
- ✓ Fill vacancies by supplying broadband Internet access

Catalyst fixed-wireless broadband Internet is perfect for...

	Internal Use	Selling Services for Income Stream	Providing Services as Incentive	Offering Customers Waiting in Lobby
Apartments	X	X	X	
Car Dealerships	X		X	X
Convention Centers	X	X	X	
Hotels/Motels	X		X	X
Industrial Parks		X	X	
Municipalities	X	X	X	
Office Complexes	X	X	X	X
Real Estate Brokers	X	X	X	
Real Estate Dev.		X	X	
Restaurant/Banquet	X	X	X	X
Retail Strip Malls	X	X	X	

Needs Assessment Questionnaire

1) Do you currently have high speed Internet access? Yes no

2) If yes, what type of service do you currently use?

ISDN T1 Cable DSL Dialup Other _____

3) Indicate your current speed by an 'X' and circle desired speed.

1.5 Mbps 512 Kbps 256 Kbps 128 Kbps 56 Kbps

4) How do you plan to use the Internet?

e-mail Web browsing share files research Web hosting

5) How many users will access the Internet from your location? _____

6) How many fixed IP addresses do you need? _____

7) What services would you like Catalyst to provide?

Internet connection only install Firewall connect entire network to Internet
 set up e-mail install anti-virus software allow me to access files from home

Company: _____

Name: _____

Title: _____

E-mail: _____

Phone and ext.: _____

Address: _____

City, St., Zip _____

Please fax completed questionnaire to 734-741-4839