

Bandwidth Manager helps you control both the download and upload rates for every computer in your network. Computers can be limited with specified time and quota per session, day time when access is allowed, set to logout after inactivity, and more.

Features



Windows Compatible

Windows software with user-friendly interface, requiring no proprietary hardware. Any standard PC with two network cards to setup bandwidth shaper can be used.

Zero Client Administration

No client software installation is required.



Bandwidth Limit Control

With Bandwidth Manager it's easy to set higher bandwidth for some of your computers and lower bandwidth for others. Controlling individual users' bandwidth ensures one customer cannot interrupt the activity of another.

Bandwidth Quota Control

A Bandwidth quota is configured for every account and represents the total amount of traffic available to a customer (*e.g.*, a customer can download only 10 MB in one hour). This option can be disabled if you want to limit only the connection speed.



Accounts

There are three ways to grant Internet access to computers on your network:

- Using Accounts that specify the IP or MAC of a computer. If an IP/MAC is found in the database, the computer is logged in and displayed in the list to manage.
- If enabled, a computer is logged in with default options (*e.g.*, download & upload quota and time)
- Using eSharing Internet Cafe Server to fully automate the login/logout process. As soon as Member, Time code, or postpaid session is started, the Server will communicate with Bandwidth Manager and allow Internet access to the computer where the customers started their session. At the end of the session, access is blocked to the same computer, disabling any Internet traffic. This can reduce bandwidth if some online games remain active or if viruses, spyware, or Trojans are consuming your bandwidth.

Account Options

- Download and upload rate
- Quota (total amount of data available)
- Unlimited quota (if you wish to limit only download/upload rate)
- Time left (If you wish to set limited time per session)
- Unlimited time option
- Set allowed access hours for login
- Account can be temporarily disabled
- Inactivity timeout (computer will be automatically logged out if there is no network activity within a specified time)



MAC White List

Enables specified computers (identified by MAC address of network card) to pass-through the Bandwidth Manager (e.g., allow your VIP user computer to acquire access without any limitations).



Activity Log

Bandwidth Manager stores different actions, including session start and stop, time of login attempts, and more. Database is encoded and protected from unauthorized modifications.



Login Password

To access all software options, the administrator must enter a password. Staff will not be able to access and modify account details if not authorized.

Topologies

These are few examples of possible network topologies. In each of these examples, one computer with 2 network cards is required to run **Bandwidth Manager**.

Topology 1 Network topology with a small set of computers, switches, and one computer running Bandwidth Manager .	Topology 2 Network topology with laptops, and access points connected to a computer running Bandwidth Manager .	Topology 3 Network topology with laptops and computers. You can predefine computers with download/upload speeds, and visitors with laptops get low speed surf for free. After payment, laptops could be set to get higher speed.

Suitable for Different Businesses

- ✓ Internet Café, Cyber Café
- ✓ Resorts, Hotels, Motels
- ✓ Enterprise that wants to provide limited Internet access to guests
- ✓ Universities, Schools or other educational institutions
- ✓ Coffee Shops, Shopping Malls
- ✓ Conference Centers, Business Centers