iNTERNET Turbo® For Windows 95/98/NT Version 4.3
You deserve nothing but the best!
You deserve our Awards-Winning Internet solution.

Help topics:

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Overview

iNTERNET Turbo® is an AWARDS-WINNING Internet solution,
which easily solves two of the most well known Internet problems:

▶ Slow connection performances.
▶ Undesirable disconnections.

iNTERNET Turbo® changes certain Windows settings that can prevent
TCP/IP protocols data transfer from fragmentation.   By using it you
can boost your Internet connection performances up to 200% (we also got
users' reports on 300% improvement).

iNTERNET Turbo® has also a Ping option which prevents you from being
disconnected by your ISP (Internet Service Provider). Most Internet Service
Providers have inactivity timeout, they will disconnect you after a fixed
time of modem inactivity. How many times did you leave your computer for
a few minutes and the moment you came back you found out that somehow you
had been disconnected? How many times did you decide to read something
on the net and before finishing it the disconnect dialog appeared?
iNTERNET Turbo® will prevent those undesirable disconnections by sending
and receiving a data package every fixed time.

iNTERNET Turbo® saves a lot of time, money and frustrations. It's a
MUST HAVE tool for everyone who uses an Internet connection.
It boosts any Internet related software such as browser/email programs,
AOL, CompuServe, RealAudio, RealVideo, ICQ and many others… Moreover
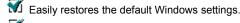it also prevents an undesirable disconnection.

iNTERNET Turbo® is being used by people all over the world
and the reviews are amazing. It Includes a very intuitive and
simple to operate user interface and a comprehensive help file.

▶Satisfied Customers

Highlights:

☑ Supports all software and hardware adapters.

☑ Easily restores the default Windows settings.

☑ Two automatic modes to configure Dial-Up and LAN settings.

☑ A manual mode to configure Dial-Up and LAN settings.
▶ Includes easy registry backup.
▶ Fix MaxMTU, RWIN, TTL, Session Keep Alive, PMTU and NDI Cache.
▶ Prevent you from being disconnected by your ISP (Internet Service Provider).
▶ You have full control over the Ping Interval, Ping Host and Ping Sound.
▶ A build in Automatic Ping mode.
▶ Includes a comprehensive help file.
▶ Supports Windows 95/98/NT.

Don't miss our special offer:
iNTERNET Turbo® is sold for a limited period of time at
the cost of only $19 instead of $39.
Hurry up and place your order today as tomorrow the price
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Subject to the restrictions described in the License Agreement,
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Keep in mind that you may evaluate the software for only 30 days, after this period, the software must be purchased or removed from your system.

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- ▶ If you have any problems, **you will get free technical support.**
- ▶ You will get **FREE UPGRADES** for all iNTERNET Turbo® future releases.

You deserve nothing but the best!
By using iNTERNET Turbo® you are saving a lot of time and money.

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                          P. O. Box 637
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Evaluation version vs. Fully Licensed version

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You can evaluate the product and get an idea of what kind of product
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▶Why Purchasing

How to obtain technical support

Technical support can be obtained in several ways:

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<u>Via Surface mail</u>
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      Clasys Ltd.
      P. O. Box 637
      Ness-Ziona 70400
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<u>Via Internet</u>
   Access our home page:
      http://www.clasys.com

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Payments should be sent to:

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  P. O. Box 637
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Quantity discounts are available, as described in the section
Ordering Information/Order Form.   When payment is received you
will be sent a registration key to remove all unregistered messages and
documentation and the last version of iNTERNET Turbo®.

One registered copy of iNTERNET Turbo® may either be used by a single
person who uses the software personally on one or more computers,

or installed on a single workstation used non simultaneously by
multiple people, but not both.

You may access the registered version of iNTERNET Turbo® through a network,
provided that you have obtained individual licenses for the
software covering all workstations that will access the software
through the network.

How to uninstall the product

In order to uninstall the program simply run the UNINSTAL.EXE program
in the installation directory or run it from the installation program group.
You can also use the "add/remove program" option from:
Start->settings->Control Panel->Add / Remove program option.

System Requirements

The minimum requirements for using iNTERNET Turbo® are:

- 386 Processor
- Microsoft Windows 95/98/NT
- 8 MB RAM
- Any type of Internet connection

Credit Card Order Form

To print this order form, select Print Topic from the File pull-down menu.

iNTERNET Turbo® 99 Credit Card ORDER FORM – <u>SPECIAL RELEASE</u>
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Product ID 11303

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    2 to   9 computers: ____ computers at $16 each   = _____
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Credit Card #:   _____

Expiration Date: _____Today's Date: _____

Name On Card: _____

Signature: _____

Name: _____ Date: _____

Company: _____

Address: _____

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Day Phone: _____ Eve: _____

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Where did you hear about iNTERNET Turbo® ? _____
_____
_____

Standard Order Form

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     (more than 199 copies à Call)

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   How did you hear about iNTERNET Turbo® ? _____
   _____
   _____

   Suggestions or changes that you would like to see in future versions ?
   _____
   _____
   _____

Comments:

_____
_____
_____

About Clasys™ Ltd.

CLASYS™ Ltd. offers solutions to improve the way people use computers.

We have been developing EliteTyping® product, an awards-winning touch typing tutor since 1995. EliteTyping® was produced due to intensive efforts to meet the needs of each typist. The developing process was done cooperatively with school teachers, university lecturers and computer users all over the world.

The popularity of EliteTyping® has amazingly increased during the last four years; people all over the world use EliteTyping® to improve their computer typing skills and productivity.

EliteTyping® was chosen by PC-Magazine, FamilyPC, Computer Gaming World and ZDTVˈs as **one of the best five educational programs for 1999.**

We have been also developing Internet solutions. iNTERNET Turbo® has been our first solution to handle the Internet slow connection. By changing certain Windows settings the program boosts your Internet performance up to 200%. The awards-winning revolutionary program is being used by people all over the world and the reviews are amazing. The program boosts any Internet related software such as all browser/email programs, AOL, CompuServe, RealAudio, RealVideo, ICQ and many others…
Moreover it also prevents an undesirable ISP disconnection by using Ping.

Our clients database includes all kinds of organizations, ranging from fortune 500 companies, educational establishments to private individuals from all over the world.

Satisfied Customers

Hereby are presented some of the customers reviews on iNTERNET Turbo® 99
For further details...   http://www.clasys.com/internet_turbo.html

▶

"Last month my friend told me about your product and I didn't believe
him, I thought that the program was a fake. I didn't believe that a little
program could double my internet connection. **Well I tried it and all
I can say now, is that THIS PROGRAM IS INCREDIBLE !!!
Now everyone in my office uses iNTERNET Turbo and in some computers
the internet connection was boosted at 400% instead of 200% as I had
expected that to be.** Keep up the great work."   (Rocco B. Weiss)

▶

"Your program is definitely a SuperB program. **My results
are amazing. Netscape works twice better and my Outlook
downloads Email 4 times faster**. When I downloaded it I   thought
that it would only affect my browser but I realized that **all my Internet
programs were working better**. Finally I can see RealTime video on
the net."   (Michelle lucwida)

▶

 "**Guys it's great! It really works, throughput is about 90% better.**
 Thank you very much. Special thanks to your support team which
 was so patient with me – iNTERNET Turbo is a great program. "
 (Vitali evans)

▶

 "The program is great. The user interface is very easy to operate.
 **Although I'm not a computer genius and it only took me 5 seconds to
 configure my computer.**
 I used your automatic mode and all I had to do was to press one button."
 (Todd A. Canonico)

▶

 "**This is amazing how do you do it**, my internet connection speed
   is **twice faster than it used to be !!!**
   This is an outstanding application."   (Tina Decoursey)

▶

 "**WOW, WOW and WOW this is all I can say. In the past I used
 some boost programs but they didn't help and by mistake I downloaded
 your program.**
 Well it was the best mistake I have ever made, a week later I purchased it.
 I always thought that my ISP sucked but now I realize that the problem was
 my computer. Thanks."   (Monica claudiu)

▶

 "This is unbelievable, I read an article about iNTERNET Turbo and

chose to download it. **It boosted my internet connection in 300% and it isn't an exaggeration**. All I can think about is, why I didn't find it before, **it would have saved me a lot of money and time…**"   (lisa Gorbachoff)

▶

"Thank you very very much, now I can download some stuff from the net. **I used to download at 1Kb/sec but with your program my download speed has increased to 3Kb/sec and sometime even to 5-7Kb/sec.**"
(Blair Fantana)

▶

"**Finally !!!!!!! Finally I can play games on the internet**.
I can do things that I have never done before, it's really great.
In the past when I tried to download a file, the download speed
was very slow, **now finally I can download stuff from the Internet**."
(Mark Solis)

For further details… http://www.clasys.com/internet_turbo.html

Configuration Options

Dial-Up automatically configured (Modem):
    The program will perform some tests on your computer
    and will automatically change your Dial-Up configuration.
    All you have to do is click the 'Apply' button.
        AOL users should use this mode (AOL = Dial-Up).

Local Area Networking automatically configured (LAN):
    The program will perform some tests on your computer
    and will automatically change your LAN configuration.
    All you have to do is click the 'Apply' button.

Network Performance Manual configured:
    Since each system is different, there aren't fixed rules.
    If you don't obtain satisfactory results with the automatic
    modes, you should try various setting combinations.
    Watch your Internet performance to find out which
    configuration suits you best.

▶
        MTU (Maximum Transmission Unit)
▶
        RWIN (Receive Window)
▶
        TTL (Time To Live)
▶
        Session Keep Alive
▶
        PMTU (Path Maximum Transmission Unit)
▶
        NDI Cache

Ping Configuration :
    iNTERNET Turbo® includes a Ping option which prevents you
    from being disconnected by your ISP (Internet Service Provider).
    Most Internet Service Providers have inactivity timeout, they will
    disconnect you after a fixed time of modem inactivity.
    With iNTERNET Turbo® no ISP will disconnect you because
    of modem inactivity.

MTU (Maximum Transmission Unit)

This is the default packet size that Windows uses to negotiate with.
When a connection is opened between two computers, they must agree on an MTU.
It's done by comparing MTUs and selecting the smaller of the two.
If the MTU is set too large for routers that are between the computers, these routers
then fragment this information into a packet size that the router can handle.
This fragmentation can double the amount of time it takes to send a single packet.
Windows has a built-in MTU Discovery that will adjust for this by sending out a packet
that is marked as "Not Fragmental". Then the router sends back an error to the computer
saying that the packet was too large, and Windows then lowers the MTU until there are no
more errors.

If your ISP uses an MTU of 576, then every time you start a connection, Windows must
adjust down to this value. Even though Windows automatically adjusts the packet size, it
still takes it time to negotiate an acceptable MTU.
By setting this value manually, you greatly reduce the amount of work that Windows must
do to negotiate.

RWIN (Receive Window)

The TCP Receive Window size is the amount of receive data (in bytes) that can be buffered
at one time on a connection. The sending host can send only that amount of data before waiting
for an acknowledgment and window update from the receiving host. Matching the receive window
to even increments of the MSS increases the percentage of full-sized TCP segments utilized
during bulk data transmission. MSS is the MaxMTU - 40 bytes for TCP and IP headers.

The RWIN default is 8192 bytes rounded up to the nearest MSS increment for the connection.
If that isn't at least 4 times the MSS, then it's adjusted to 4 * MSS, with a maximum size of 64K.
With the Windows 95 default MaxMTU of 1500, the default RWIN is rounded up to 8760 (1460 * 6).
You can greatly improve performance by setting this to a lower value such as 4 times your
MSS (MTU-40). The idea is to bring it to a value below 8192. Many people have better success
with 6, 8 or even 10* MSS. In some cases, however, manually setting RWIN may decrease
performance because it takes the control away from windows, and if the MTU is negotiated
to a different value, then the size of the RWIN is no longer an whole integer multiple.
For this to be effective you must make sure your MTU is set where it will not renegotiated
to a lower value.

TTL (Time To Live)

TTL is a field in the IP header which indicates how long a packet should be allowed
to survive before it is discarded. This value specifies the maximum number of routers
that a packet may be forwarded through on to its destination.
TTL essentially determines the maximum number of hops permitted.

Windows 95 default is 32, but with the Internet growing larger all the time, we recommend
to set it to the larger setting of 128.

PMTU (Path Maximum Transmission Unit)

<u>Auto Discovery:</u>
Enabling this setting causes TCP to attempt to discover the Maximum Transmission Unit
(MTU or largest packet size) over the path to a remote host. By discovering the Path MTU
and limiting TCP segments to this size, TCP is supposed to be able to eliminate fragmentation
at routers along the path that connect networks with different MTUs. This requires implementation
of the corresponding server side algorithm, however, and presupposes all of the servers on the
entire Internet only running MSFT server software with server-side optimization features accessible
from MSFT web-browser client software. Needless to say, this is rather unlikely.
Nevertheless, it is not recommended to disable this setting as it would then cause an MTU of 576
bytes to be used for all connections that are not to machines on the local subnet. Disabling this
setting can cause severe performance degradation because fragmentation may not be compensated for.

PMTU Auto Discovery is Enabled by Default.

<u>Black Hole Detect:</u>
This specifies whether the stack will attempt to detect Maximum Transmission Unit (MTU) routers
that do not send back ICMP fragmentation-needed messages. ICMP (Internet Control Message Protocol)
is defined in STD5, RFC 792. With this feature enabled, TCP will try to send segments without the
Don't Fragment bit set if several re-transmissions of a segment go unacknowledged. If the segment is
acknowledged as a result, the MTU will be decreased and the Don't Fragment bit will be set in future
packets on the connection.

Enabling black hole detection increases the maximum number of re-transmissions performed for
a given segment. Setting this parameter when it is not needed can cause performance degradation.
However, if the router is not sending back the ICMP messages, then PMTU Discovery will not work.
This can cause an even greater loss of performance.

PMTU Black Hole Detect is disabled by default.

Session Keep Alive

Specifies how often to send session keepalive packets on active sessions.
This will keep connections that have stalled during a particular download session
from timing out.

Windows default value is 60 minutes, we recommend to set it to 10 minutes.

NDI Cache

NDI Cache is the size of the cache used to store source routing paths.
It has a very large effect on the performance of your TCP connection.

If your MaxMTU is set to 576 or below, it's recommended to set the NDI Cache
to 16. If your MaxMTU value is greater than 576 set your NDI Cache to 32.

Windows 98 Information

Microsoft Final Release of Windows 98 includes a built in option
that can change the MaxMTU for a Dial-Up Adapter - manually selects the data
packet size. This is a definite improvement over Windows 95, but iNTERNET Turbo®
still offers you many more options to help you optimize your internet connection.

INTERNET Turbo® allows you to set other very important Internet connection
settings, such as RWIN, TTL, Session Keep Alive and NDI Cache, which are not
included in Windows 98 built in option.
Many people reported that there had been no improvement until they optimized their
RWIN, NDI Cache and TTL setting.

Moreover iNTERNET Turbo® offers a Ping option which prevents you from being
disconnected by your ISP (Internet Service Provider). Most Internet Service
Providers have inactivity timeout, they will disconnect you after a fixed
time of modem inactivity. iNTERNET Turbo® will prevent those undesirable
disconnections by sending and receiving a data package every fixed time.

Windows 98 doesn't let you change those important settings, BUT with iNTERNET Turbo®
you can do it…

Ping Configuration

iNTERNET Turbo® includes a Ping option which prevents you from being disconnected by your ISP (Internet Service Provider). Most Internet Service Providers have inactivity timeout, they will disconnect you after a fixed time of modem inactivity.
How many times did you leave your computer for a few minutes and the moment you came back you found out that somehow you had been disconnected?
How many times did you decide to read something on the net and before finishing it the disconnect dialog appeared?
iNTERNET Turbo® will prevent those undesirable disconnections by sending and receiving a data package every fixed time.

Ping Host:
    Write the host that will handle the ping.
    For example: www.clasys.com

    You can also use IP addresses.

Ping Interval:
    Choose your wanted interval between every ping   (recommended: 5 minutes).

Play sound at ping:
    If checked every time that a ping occurred the program would play a sound.

EliteTyping 99 - Overview

EliteTyping® is an AWARDS-WINNING touch typing tutor software which
teaches you touch typing in an easy, effective and amusing way.
EliteTyping® saves a HUGE amount of hours trying to learn touch typing,
and it is suitable for both adults and children.
EliteTyping® offers a report about all the user's drills and their scores, and also
a typing errors report, about all the user's typing errors in each key. Moreover
extensive graphing capabilities can show your typing progress in many
different 3D graphs.
EliteTyping® is a MUST HAVE tool for anyone who wishes to learn how to type
quickly and effectively or just trying to improve his/her typing skills.
It enables you to advance step by step according to your own personal
pace, you are also offered a variety of exercises of different categories and also
the opportunity of creating your own practices.
EliteTyping® makes the learning process of touch typing amusing and enjoyable
thus not damaging the effectiveness of learning.
It Includes a full graphical user interface which is very intuitive and simple to operate.

▶Satisfied Customers
▶Awards & Reviews

Highlights:

▶ Supports multiple users.
▶ Full graphical user interface which is very intuitive and simple to operate.
▶ 30 comprehensive keyboard lessons, for typists and computer users.
▶ Comprehensive keypad lessons for cashiers, accountants and intensive
    numeric keypad users.
▶ Each lesson practice includes single letters, words and full sentences drills.
▶ Progress data is saved for each individual user, and improvement statistics
    and 3D graphs are displayed.
▶ An option to create lessons based on the user problematic characters.
▶ The ability of choosing your skills improvement, which refers to
    accuracy or speed.
▶ The user can get a report about all his/her drills and their scores.
▶ Extensive use of multimedia techniques to improve learning process
    effectiveness.
▶ The ability to practice free touch typing for maintaining and improving typing skills.
▶ Detailed suggestions with ergonomic techniques on how to type the right way.
▶ Each lesson includes a practice mode to improve acquired skills.
▶ Comprehensive practice sessions.
▶ An option of creating your own desired practice.
▶ The ability of using standard/transcribe typing practice.
▶ The user gets a report about all his/her typing errors in each key.
▶ You are the one who determines the level of the lesson.

EliteTyping 99 - Awards & Reviews

Here by are presented some of the Awards/Reviews on EliteTyping® 99
For further details...   http://www.clasys.com/elitetyping.html

▶ WinFiles - Editors' Pick.
▶ C|Net Editors' choice & users POP program.
▶ Five Stars from ZDNet (PC-Magazine) File Library.
▶ Windows application's Editors' choice.
▶ TopSoft Top 10 downloaded program
▶ Rocket Download FIVE smiley rating as Editors' pick.
▶ OH.yeah USA Editors' choice.
▶ WinSight application Stars.
▶ CMP Net - File Mine five stars.
▶ Windows Util Editors' choice.
▶ Boot-It Editors' Pick.
▶ SoftSeek Editors' choice.
▶ TSN theshareware.net Editors' choice.
▶ Simple The Best (STB) Editors' choice.
▶ The shareware net Top 10 downloaded program.
▶ Jumbo archive 10 STARS rating.
▶ NetScape Center - Editors' Pick + Front Door.
▶ iAfrica - Download application of the week.
▶ Tyme's Editors' choice – Five stars.

ZDnet Review:

EliteTyping 99 is a touch typing tutor with **exciting graphics,
step-by-step lessons, practice exercises and graphs to
chart your progress.** The office picture interface lets you
enter the program modes by placing the cursor on related
objects. Scroll through the lessons to pick the area you
wish to work on. when you finish, you can view reports of
speed, errors, and other performance factors. Typing
teachers can create their own exercises to add to the
program or you can create your own lessons on problem
keys, numbers and symbols. **This is a first-rate typing
program with excellent graphics and plenty of activity to
keep your interest high.**

Rocket's review:

If you're looking for ways to hone your typing skills**, this program is
an excellent tool to help you**. EliteTyping offers a great variety of
drills and practices that are certain to increase your typing speed and
accuracy. Because this program supports multiple users, **many homes,
businesses and schools will find it useful**.
A family with typists of all different levels can learn from the 30 comprehensive
keyboard lessons, and each individual can track his or her own progress with
charts and graphs. **EliteTyping is one of the best typing programs I've
run across**, so I'm giving EliteTyping a five smiley rating. There are a great
variety of options, **it's extremely easy to use, and just about everybody
should find EliteTyping fun and beneficial**.

iAFRICA net:

Download application of the week:

"I know you don't take requests," wrote Donovan
Rigley, "but this is really urgent and special.
My sister Natalie's been retrenched, and she'd
like to use her PC to get some typing lessons.
Any ideas?" - well, we'll make an exception
here because we *also* feel the need for some
typing drills.. so - **EliteTyping is an excellent
tool for anyone who wishes to learn how to type
quickly and effectively or just trying to
improve his/her typing skills.
It saves a huge amount of time (and money?)
you'd normally spend to learn touch typing. It
is suitable for both adults and
children and it includes an intuitive and
simple to operate graphical user interface.**

WinApp review :

EliteTyping is an superb application for anyone wanting to learn
how to type or improve their typing skills**. It has a user friendly and
effective interface.**
EliteTyping offers a variety of exercises to help get you quickly up to speed.
All data from your lessons are recorded so that you can quickly determine how
you are progressing.
**This outstanding application is definitely worth the price and
download time.**

The Shareware Net's (TSN) review:

EliteTyping is geared both towards the novice who is fed
up with the 2 fingered approach and the secretary who wants
to brush up on his/her typing skills. **You never feel out of your
depth as the leaning curve is at your own pace** and neither do
you surcumb to bordom due to the variety of the 30 lessons.
Audio corrections signal errors, and mistake frequencies are
counted. You track your progress with 3D graphs that show
speed and accuracy. **Because multiple users are allowed
get the entire office to brush up on their typing skills!**
Although the unregistered version only gives you a taster of
what can be achieved it should be enough for you to realize
that EliteTyping is the BEST program of its kind.

For further details… http://www.clasys.com/elitetyping.html

EliteTyping 99 - Satisfied Customers

Hereby are presented some of the customers reviews on EliteTyping® 99
For further details...   http://www.clasys.com/elitetyping.html

▶

"It's the second typing tutor that I have purchased and Finally!
I feel that I haven't been deceived. **This outstanding application
is definitely worth the price."**   (Calvin B Wolfson)

▶

"At first I thought that it would be an impossible mission for
me to learn touch typing, but **this program is amazing.
Learning touch typing turned to be a piece of cake"**   (Tim Robinson)

▶

"The truth is that we bought it for our 9 years old son but
it was so efficient that we started using it too.
Keep up the great work."   (Peter&Christine Wallis)

▶

"I'm a 6th grade teacher, ever since my school has purchased
your typing tutor **all the kids became computer freaks**.
**It's so great that I have also decided to purchase a copy
for my husband and me**."   (Adrian Mumford)

▶

"**It's a SuperB program**. I enjoy using it, and **it took me only
8 days to learn to type as a professional does**."   (Bruce Brennan)

▶

"**Hey it's great! It took me only one week to triple my typing
speed**, and now I can type faster than my big brother who is a
software engineer."   (Wayne Owens)

▶

"The program is great. The lessons/practices are very
stimulating and the students enjoy it very much**. It definitely
serves the purpose**."   (Olliver Jenson)

For further details… http://www.clasys.com/elitetyping.html