



BGAN MAX Acceleration Tool

By StratosNet & Ground Control

This acceleration tool will make drastic improvements to your BGAN online experience. With data compression rates of over **80%**, and optimizing IP protocols, data throughput is up to **7 times faster**. It speeds up the Internet connection and significantly reduce the amount of data that needs to be transmitted, in both directions! A must have utility for any BGAN customer.

Prior to installing it, test your BGAN system by using a few applications over the BGAN network to get a feel of its performance. Then install this software and observe the improvements. It is nothing short of amazing.

NOTE – This tool will only work for StratosNet BGAN Networks, which are used by Ground Control.

Optimized Applications

This tool optimizes the way data packets are sent over the BGAN network with these common applications and file types.

- Web and secure Web (HTTP, HTTPS with IE6 or higher, Netscape 7, Firefox 1.5 +.)
- E-Mail (SMTP, POP3, IMAP4)
- All images (GIF, JPEG, PNG, etc.)
- Office documents (MSWord, MS Excel, MS PowerPoint, PDF, etc.)
- Web Applications (JavaScript, CGI)
- FTP
- Multimedia (RTSP over TCP)

Installation Instructions

SUPPORTED SYSTEMS

Windows Vista

Windows XP SP1 or higher

Windows 2000 all Service Packs

Minimum CPU requirement - Pentium III (or equivalent)

Macintosh is not available at this time

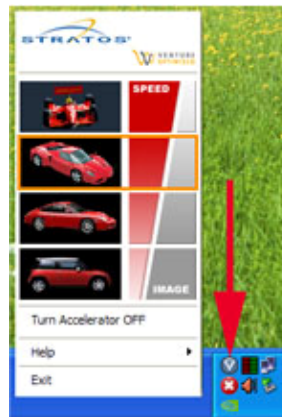
Copy the BGAN_Accelerator.exe file to your desktop, run it, and follow the onscreen installation instructions. Finally, reboot your computer. That's it.

USERS GUIDE

Once the acceleration software is installed on your computer, it will automatically run each time you boot your computer.

Select Your Performance Settings

StratosNet Accelerator offers four performance settings that correspond to the rate at which data is transmitted over the satellite network. To change your performance settings, simply click one of the four levels in your pop-up menu and continue browsing the Internet as usual.



Click on the "V" task icon to open options

A detailed view of the StratosNet Accelerator settings menu. It features the 'STRATOS' logo and 'VENTURI OPTIMIZED' text at the top. Below are four performance settings options, each with a red car icon and a vertical bar: 'SPEED' (top), 'IMAGE' (second from top), 'Turn Accelerator OFF' (third from top), and 'Help' (bottom). At the very bottom is an orange 'Exit' button.	<p>Choose a Preference... Change it anytime.</p> <p>Best Image: This level delivers the best image quality with above average data transmission speeds.</p> <p>Highest Speed: This level delivers the highest data access rates available by dramatically reducing the amount of data being transmitted.</p> <p>Client Default: This level delivers data at high speeds while minimally sacrificing image quality. This is StratosNet's Accelerator typical default setting.</p> <p>Good Image Quality: This level delivers good image quality with fast data transmission speeds.</p>
---	---

FREQUENTLY ASKED QUESTIONS

Why is StratosNet Accelerator still in bypass mode?

If you are using StratosNet Accelerator while traveling/roaming, the StratosNet Accelerator Optimization engine may not be accessible from the network you are using. In this case, StratosNet Accelerator falls into bypass mode (indicated by the gray V in your system tray). When StratosNet Accelerator is in bypass mode, you can browse Web pages without StratosNet Accelerator optimization running.

StratosNet Accelerator may remain in bypass mode for other more rare reasons, such as the server being down or a temporary network issue making it unreachable. In any of the above cases, StratosNet Accelerator automatically resumes using the StratosNet Accelerator optimization engine as soon as it's reachable.

Can I view the original quality of an image?

Yes. To view an image on a Web page in its original quality without using StratosNet Accelerator optimization, do the following:

Internet Explorer browser: From the StratosNet Accelerator pop-up menu, select Turn StratosNet Accelerator OFF. Press the Ctrl + F5 keys. This clears the cache and refreshes images to their original quality.

Mozilla Firefox browser: From the StratosNet Accelerator pop-up menu, select Turn StratosNet Accelerator OFF. Clear the cache manually and then press Reload.

Can I use StratosNet Accelerator with my Virtual Private Network (VPN)?

StratosNet Accelerator works in conjunction with a StratosNet Accelerator optimization engine that is located within Ground Control's Network. If you use a corporate VPN in non-split tunnel mode (default gateway set to VPN), traffic is tunneled through the Internet into your corporate network and bypasses the StratosNet Accelerator optimization engine located within your service provider's network. This causes StratosNet Accelerator to enter bypass mode, as well. If you use a corporate VPN in split tunnel mode, corporate network traffic will not be optimized while Internet traffic will be optimized. Please contact your service provider or administrator if your corporate network uses non-standard private IP address ranges.

Why don't my images improve after I've selected "best image" performance?

If you've changed your performance settings but you are not achieving the image quality you want, try clearing your cache as follows:

Note: Since we support the majority of available browsers, you may follow similar steps for other browsers.

Internet Explorer

For Internet Explorer versions 6.0 and higher:

1. On the Tools menu of your Internet Explorer toolbar, click Internet Options.

2. Click the General tab.
3. In the Temporary Internet files area, click Delete Files, and then click OK.
4. Click OK to close Internet options.

Mozilla Firefox

For Mozilla Firefox versions 1.0 and higher:

1. Select Tools > Options.
 2. Under the Privacy category, click Cache.
 3. Click the Clear button to the right of the Cache category.
 4. Click the Reload button on the Navigation toolbar to reload the latest version of the web page.
-

OTHER FEATURES

DATA OPTIMIZATION StratosNet Accelerator more than doubles your data transmission speeds through protocol optimization and advanced compression technologies.

ENHANCED COVERAGE StratosNet Accelerator maintains the speed and reliability of your Internet session, even in areas of compromised coverage.

SESSION MAINTENANCE When your network connection is unexpectedly interrupted, StratosNet Accelerator prevents your data from being lost. This means you can enjoy a continuous Internet session without losing valuable time or information.

INTELLIGENT CONNECTION SENSING Transparently senses the latency and available bandwidth of your connection, and then intelligently selects the best optimization setting for maximum performance.

INSTANT IMAGE RELOAD Offers quick access to a compressed image's original quality. Reload an image by selecting Ctrl on your keyboard while clicking the refresh icon in your browser.