

Accelerate Your Dial-up Internet

Now you can truly speed up your Nex-Tech Dialup Internet like never before. Nex-Tech Dialup Accelerator is the only acceleration product that provides high performance, patented compressors giving you greater power to speed up your web browsing and email experience up to 4-6 times!

Don't Let Flash Slow You Down!

Even Flash animations, which are becoming more popular and eating away at accelerator gains, are no match for Nex-Tech Dialup Accelerator. Nex-Tech Dialup Accelerator is the only product to offer high performance Flash compressors that significantly reduce the size of these animations and keep acceleration performance at maximum levels.

Email Digital Pictures... 4-6 Times Faster!

Have you ever tried sending those great pictures from your digital camera to your friends over a dial up connection? Nex-Tech Dialup Accelerator is the only product to offer multilevel email settings allowing you to send and receive digital pictures up to 4-6 times faster!

Email Presentations to Your Teachers and Fellow Students... 4-6 Times Faster!

Have you ever tried sending that cool presentation you just created on PowerPoint to your fellow students only to find out, after waiting 15 minutes for the upload, that you have exceeded your email limit? Nex-Tech Dialup Accelerator is the only product that employs patented, high performance compressors for Microsoft Office files allowing you to send and receive these files up to 10 times faster!

Nex-Tech Dialup Accelerator Product Brief

Nex-Tech Dialup Accelerator is a full-featured client-server data acceleration solution that dramatically improves the performance of web browsers, e-mail with attachments, and other networked applications over wireless and dial-up connections. Its impressive performance is united with flexible configuration options, making it an ideal candidate for carrier, ISP, and enterprise environments. Nex-Tech Dialup Accelerator offers the following benefits:

Best-In-Class Acceleration

Nex-Tech Dialup Accelerator is the fastest client-server acceleration software on the market. Most acceleration solutions address the challenges of bandwidth limitations and high latency with caching, generic compression and basic transport protocol

optimization. The Nex-Tech Dialup Accelerator approach is quite different, and makes use of:

Format-Specific Compression

This incorporates Nex-Tech Dialup Accelerator's intelligent compression engine, which exploits advanced knowledge of standard file formats to decompose and analyze files on-the-fly, determining and applying the best algorithm, or sequence of algorithms, for optimal compression. Nex-Tech Dialup Accelerator soundly beats generic compression on MS Word, Excel, PowerPoint, SWFs and even ZIP files and standard image compression algorithms on Web Images such as JPEG, GIF, and PNG. Also, it is the only product that can decompose standard file formats into their component parts and subsequently apply *lossy* compression algorithms to embedded images. As the popularity of Flash Shockwave(SWF) files continues to grow, the ability to lossy compress shockwave-embedded images places Nex-Tech Dialup Accelerator firmly in the lead in speeding up typical web surfing. Since Nex-Tech Dialup Accelerator operates below the application layer, protocol data is also compressed by using format-specific techniques. Such techniques have been developed for most common protocols including MS-RPC, HTTP, FTP, SMTP, POP3 leading to compression ratios over three times better than zip for protocol/control data.

Application-Level Optimizations

Knowledge of the application protocol and the profile of the network connection creates an opportunity for addressing performance weaknesses in the protocols themselves. For instance, in MS-RPC, Nex-Tech Dialup Accelerator reduces protocol chattiness during large file transfers to minimize the impact of high-latency connections. Nex-Tech Dialup Accelerator makes use of numerous such proprietary application-level optimizations.

Proprietary Transport Protocol

Nex-Tech Dialup Accelerator uses a proprietary transport protocol, ITP. ITP incorporates many unique features not found in TCP, including application-aware optimization, receiver-side link modeling, and efficient handling of dropped packets. By combining these optimization techniques and others, Nex-Tech Dialup Accelerator out performs alternative solutions.

Client Usability

Transparency

For the end-user of Nex-Tech Dialup Accelerator, the key word is transparency. After a simple user-friendly installation, Nex-Tech Dialup Accelerator operates in a completely transparent way, intercepting and accelerating data for all supported applications. For users who want control, however, it is certainly available: the Nex-Tech Dialup Accelerator client gives the user the ability to adjust the acceleration/image-quality tradeoff and selectively filter out files by content type. And even when a user has selected low image quality for highest speed, the original lossless image is only a right-click away with our browser integrated quality control feature.

Failsafe Operation

The Nex-Tech Dialup Accelerator provides unparalleled failsafe operation by using a client-side health detector that checks the status of the acceleration network before directing packets to it. If the client detects a failure of any kind, it will instantly and invisibly go into bypass mode, meaning it will not redirect packets through the acceleration tunnel. Even in the case of a server or network failure, the end user perceives only the loss of acceleration, not the loss of Internet access.