

Howler Technologies Screamer Custom G.729 Transcoder Card



Product Name: Howler Technologies Screamer Custom G.729 Transcoder Card

Manufacturer: -

Model Number: -

Availability: Discontinued

Please note this is now discontinued, we recommend the following: Sangoma D100

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Please note that the Howler Screamer Custom version requires Howler Screamer Howlets

The Howler Screamer is flexible and customisable to the needs of your business. Screamer Custom gives you the option of choosing a PCI Transcoding card that suits the exact transcoding requirement of your infrastructure. With a minimum initial order of 10 channels, you choose the exact number of G.729 calls you need on your Screamer Card and it will be shipped with the quantity of your choosing. Whenever you want more, just upgrade the number of channels without adding any additional hardware.

Enable high transcoding capacity at low cost. You can choose how many G.729 calls you need on your Screamer Card and whenever you want more, just upgrade, no need to install new hardware. Screamer is designed to offload the complex codec translations for highly compressed audio that would otherwise need to be processed by your telephony platform in software.

The Howler Screamer PCI Express card is available now and can be ordered from our web store. It's a low profile, ½ length cell processor card that is flexible and upgradable. Howler's unique floating license model allows you to run G.729 transcoding across multiple cards in your network for load balancing and redundancy.

Transcoding complex codec's like G.729 requires a substantial amount of CPU overhead that can severely hamper the performance of your soft-switch. Screamer completely relieves the CPU of this duty, freeing it up to handle other tasks or complete additional call processing.

Howler Screamer decompresses G.729a (8.0kbit) into G.711 u-law or a-law; or compresses G.711 u-law or a-law into G.729a. Its compatible with leading 32-bit soft-switches. A windows API interface and a 64-bit version will be made available shortly.

The Benefits

Smart Business Solutions

425 G.729 channels available

You can transcode up to 425 G.729 channels on a single Screamer PCI card. You simple will not find a better price/performance metric in the market.

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Completely Flexible

You choose what capacity you want and you choose when you need it. Screamer is upgradable whenever you're ready. Buy Screamer Max for full capacity or configure your own screamer. See plans and pricing for details.

Floating Licenses

Our flexible licensing policy allows you to float licenses across multiple servers, for load balancing and redundancy. You don't have to fix your transcoding capacity to one machine. Floating licenses allow you to offer G.729 transcoding across your entire infrastructure on multiple cards.

LifeTime Software Support and Maintenance

Our software fees include lifetime support and maintenance, inc full online support, all upgrades and maintenance releases.

100% Satisfaction Guarantee

If you experience any issues with our products or you are not 100% happy with your purchase – on receipt of goods we will give you an immediate refund. We like happy customers and this is our promise to you.

Performance

Ultimate Power

Howler Screamer™ integrates into your soft-switch and VoIP applications as easily as our highly successful Howlets product, but augments your system with a PCI-Express acceleration card so as not to impact your CPU when doing signal processing such as transcoding.

Howler Screamer™ G.729a (Concurrent Calls)

Howler's ultra-fast G.729a codec enables you to transcode over 425 concurrent G.729/G.729a-G.711 calls when paired with the Howler Screamer™ accelerator card, enabling cost-effective transcoding of Low Bit-Rate codecs with minimal impact on your host CPU.

Tested to over half a million simulated call minutes, and bit-accurate with the reference ITU-T implementation, it provides robust acceleration for your chosen soft-switch, great quality (100dB PSNR) and is substantially more scalable than competing G.729a off-load solutions for Asterisk, FreeSWITCH and CallWeaver.

Notably, Howler is the first to offer a fully interoperable and indemnified G.729a solution in both software and hardware for FreeSWITCH, coupled with its unique floating license model for

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cost-effective multi-server deployments on Linux and Windows.

G.729a Howler Screamer™ for Asterisk – Dual-Core AMD Opteron @ 1.8ghz, Linux

The 1.8ghz Dual-Core Opteron Asterisk system augmented with a Howler Screamer™ PCI-E card, and our G.729a codec was able to achieve 425 concurrent calls at only 133% CPU utilisation (of a possible 200% due to the two cores), terminating to a streaming wave file of spoken words. Voice quality of the two additional calls was excellent, with no degradation in quality compared to the reference codec and immediate call connection.

Price: £215.00
