

G.729 Howlet - Optimized audio codecs for Asterisk, FreeSWITCH & Callweaver

The G.729 Codec is an industry standard algorithm that compresses and decompresses a digital audio stream. Applied to Voice over IP (VoIP) calls, G.729 compresses the audio data to use significantly less network bandwidth than a standard or uncompressed VoIP call.

Instead of the 64kbit/s required for a standard, uncompressed G.711 PCM audio data stream, the G.729 codec compresses the payload to 8kbit/s. This compression allows for more calls to be carried without increasing network capacity and allows voice to travel on limited-bandwidth connections that would otherwise not support VoIP.

The G.729 codec from Howler technologies delivers a high-performance G.729A implementation for Asterisk, Freeswitch and Callweaver and ships as a drop-in binary module for ease of deployment.

As well as substantially improved scalability, the G.729 Howlet includes a unique Floating License which allows you to pool channel licenses across several servers on a network segment.

Howler is the only company to offer patented G.729 codecs for FreeSWITCH & Callweaver. All Howler products are GPLv2 (General Public License) compliant and work on 32-bit and 64-bit systems.

[Key Selling Points]

Add transcoding capability to your network.

Allow your business to transcode audio to and from G.729. Many business-class IP telephones and VoIP gateways include support for G.729. With the G.729 Howlet, your softswitch can now exchange calls with these devices directly and process G.729 calls more cost-effectively than ever before.

Increase your revenue

Adding transcoding capability to your network allows you to take on VoIP traffic from sources you previously weren't able to. The G.729 Howlet performance, pricing and flexible licensing model means you get the best possible price-performance product in the market.

Over 230 G.729 channels per dual-core processor

Optimized Howlets offer over 230 channels of transcoding capability on Asterisk, FreeSwitch & Callweaver. This is 50% higher than the rest of the market and 100% higher than libg729.

'Float' licenses across multiple servers

Howler's flexible licensing policy allows you float G.729 Howlet licenses across multiple servers. Your licensed channels are not fixed to one machine. This

allows you to load balance licenses for redundancy and offer G.729 transcoding capability across your entire infrastructure.

Get more traffic across your network

Because G.729 is a low bit-rate codec and our Howlet has been highly optimised, you get more calls processed on the same hardware. This results in more traffic across your network at less cost.

G.729 Patent-holder royalties included

All Howler G.729 licenses include all sub-licensing from the codec patent owners and are fully GPLv2 compliant.