Software decoding

It is possible to decode D-STAR GMSK-datasignal using a computer running dstardecoder-software. Additionally, using DVDongle the audio of the D-STAR signal can be uncompressed and played out.
Click the loudspeaker icons to listen to audio samples

Unfortunately the audio signal is natively encrypted using the SuomiCipher, sorry for that. Anyway, it does proof the concept 😊
DVDongle is a clever small USB device which includes the AMBE2020 voice codec chip to encode and decode AMBE-compressed speech. Using DVDongle the audio of a D-STAR (voice)-data signal can be uncompressed and played out of a soundcard. The DVTool application delivered with DVDongle can also connect to the D-STAR Gateways and reflectors connected to Internet and deliver D-STAR digital voice from them, and also to them. So using DVDongle, it is possible to work with real D-STAR radio users in real time through the internet. DVTool can interact with dstardecoder-software to play out the D-STAR voice stream received by the dstardecoder.
Dstardecoder

Dstardecoder is a software utilizing the soundcard of a computer, which decodes the frame structure of a D-STAR GMSK data signal. Input for the software can be taken from the 9600bps data connection of a ham radio rig or directly from the discriminator. http://groups.yahoo.com/group/dstarsoftware/files/D-Star%20decoder%20software/

Program has connectivity to DVDongle directly or via DVTool which provides the D-STAR digital voice audio decoding (UDP server for DVTool and direct USB connectivity for DVDongle)