

Digispot integrates software based sound processing

Due to the growing market of internet stream radio programs and the increasing amount of additional streaming content parallel to the normal FM playout of traditional radio stations, it becomes more and more important to separate the program from others by increasing the program quality. The appeal of a playout program basically is affected by two influences: content and how it sounds.



Nowadays professional software audio processors are not just equal, they are even better than hardware solutions due to a variety of functions and high quality of stream sound processing. Moreover high-quality software applications are several times cheaper than hardware FM-processors.

And software based audio processors have many more advantages than only the price:

- **The cost of implementation and maintenance.** Software audio processors can be installed on regular computers. In case of failure it is cheaper and faster to replace it just by transferring to another computer than repairing a hardware FM-processor.
- **Scalability.** To increase the number of outgoing streams using software audio processing is much easier than to expand the system of hardware FM-processors. You don't need to buy extra devices and solve the problem with their accommodation in a broadcasting center.
- **Multiple streaming processing.** The software audio processors usually support a lot of streams and can process and encode them simultaneously. To increase the broadcasting channels you can simply purchase extra licenses.
- **Ability to generate an MPX signal, including stereo and RDS-data, using a good quality 192 kHz capable sound card.** In this case you don't need expensive hardware FM-processor and RDS-coder.
- **Easy to integrate.** Usually a software audio processor is installed on an on-air station. If you have several on-air stations, the software can be installed on each of them. This makes setup and management easier.

Digispot II System now supports multi program dynamic audio processing of on-air audio streams. One innovative feature of the solution by Digispot is the possibility of **automatic preset switching**. This function allows defining **different sound designs** for different types and styles of content (ads, news, music, commercials, etc.), just by switching the presets. Listeners will even not recognize the switching knowingly. Digispot II audio processing uses algorithms programmed by **Hans van Zutphen** who inter alia is responsible for audio processors used by products from Telos Alliance.

By the way, the integrated sound processing is a perfect completion for the all-in-one streaming solution "**Digispot Streaming 4.0**" which already includes automatic music rotation, playout schedule generation and direct playout by streaming.

For more information please contact info@digispot.com or visit www.digispot.com