Real-time on-air and internet stream at the same time

QUESTION:
How to play audio out from the sound card(Digigram VX442e) direct and stream encoding by Shoutcast?
Because we need a real-time on-air and internet stream at the same time.

ANSWER:
You must set up the audio routing accordingly. Depends on whether the signal runs through a mixing console first ("external routing") or not ("internal routing").

For "external routing", you output the player signal to the sound card first, create the master in the mixing console, and record it back via Line In.

For "internal routing", the AIRCAST encoder is the master mixer, so you set all player outputs to "Encoder", and then the Encoder Playback device to the Digigram output.

From your e-mail I think you want internal routing, that is, direct streaming, with additional local playback, and no physical mixing console.

Detailed setup instructions for either scenario can be found here, scroll down to "Audio Routing":

https://www.mairlist.com/dokuwiki/tutorials:streaming:setting_up_the_streaming_encoder

More support info:

Question:
Please refer the attached my system configuration for 4 ch internet radio.

My original design was that using the hardware encoder- Digigram IQOYALINK/LE
(http://www.digigram.com/products/product_infos.php?prod_key=16800) for Wowza server.
But last week, my client ask me that Shoutcast stream,too.
Digigram will be developing Shoutcast protocol for LINK/LE on Feb. 2015.
Would you please explain more detail about the Shoutcast stream for me.
Is compatible Shoutcast server with Integrated stream server in Aircast?
If you possible, can you remote support through the teamview or some other remote software?

ANSWER:
yes, that is possible. The AIRCAST integrated encoder can send the stream to a Shoutcast server, and also play the audio on the Digigram sound card at the same time.
I propose you follow the instructions for "Internal audio routing" here:
https://www.mairlist.com/dokuwiki/tutorials:streaming:setting_up_the_streaming_encoder
In particular, mind the correct configuration of the audio devices in the AIRCAST configuration app:

- Set all player playback devices ("Playlist 1 -> Player 1 -> Playback"
etc.) to "Encoder" - this will route the signals to the internal encoder mixer first.

- Set the "Encoder -> Playback" device to the Digigram output - so you can listen to the encoder master signal on your digigram card, and make further stream processing from there.

I'm also happy to inform you that there is now a new tutorial online about setting up the PostgreSQL server for mAirListDB/AIRCASTDB, with lots of screenshots, see here:

https://www.mairlist.com/dokuwiki/tutorials:mairlistdb:setup-postgresql