

## 2wcom to officially debut the HDR-CC, an HD Radio Capture Client

*The company says, "Delivering additional HD Radio channels has never been so easy."*



Broadcasters already operating HD Radio channels or planning to do so are more than aware until now, that fulfilling the demands of the Federal Communications Commission (FCC) regarding emergency alerts is quite a challenge in technical means. With 2wcom's HDR-CC Capture Client complicated audio switching to meet the requirements for emergency alerts are history. Because of a new feature implemented by XPERI into the latest Generation 4 Importers, the entire emergency alert for all supplemental channels on the transmitter can be provided by just one HDR-CC. It requires a setup that just has EAS audio connected to the capture client as well as a GPI to trigger the alarm.

When the alarm is triggered the

HDR-CC logs into the Importer and replaces all supplemental channels (HD2-HD4) with the alarm program. After the GPI is released the HDR-CC logs out and the Importer continues with normal operation.

The product has all features to be a real broadcast product such as HTTP/https web user interface, SNMP management, and monitoring.

In conclusion. In comparison to the simultaneously distributed analog channel of a station's program an HD Radio channel offers advantages for broadcasters like high audio quality or building up a dialogue with the radio audience due to "interactive experience" including iTunes® Tagging, Station Logos, and more. But the technical set-up of an HD Radio channel was quite complicated. The HDR-CC Capture Client eases configurations not only for the audio but also for emergency alerts and moves advantages from the audience to the operators.

The HD Radio Capture Client (HDR-CC) fits perfectly with Generation 3 or 4 HD Radio systems. For a very affordable price, it can take in one digital or analog stereo audio channel and provide it to an Importer. The audio is sent compressed with an HD Radio codec via IP. In consequence, the HDR-CC can be stationed in a different location than the Importer. For example, operators and technicians have access to an HDR-CC device directly in the studio and it is no longer necessary to set-up an HD radio channel at the importer distantly located at the transmitters site.

Thanks to the HDR-CC's basic sound processing capabilities the supplemental channels can be more equal in loudness compared to the main program service — or the sound processing just fits better to your content.

It is only necessary to set up the Importer IP and directly connect audio to the small box's XLR connectors. Power over Ethernet or external power supplies are supported to also simplify the wiring. Empowered with these features it has never been faster and easier to get an additional HD Radio channel on-air.

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