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Before upgrading to an Embedded Exporter, make sure the following systems have a compatible software upgrade:

- Importer
- Exgine / Exciter
- PSD Automation



Embedded Exporter features:

- Lower cost
- Non-PC Platform
- Starts up in seconds
- No hard drives to fail
- Smaller footprint, 1-2 RU's
- Decreased Analog v. Digital delay < 8 sec.
- More features to come with HD Protocol

HD Radio™ Tech Bulletin

iBiquity Digital is issuing this tech bulletin in an effort to help broadcast engineers maintain quality HD Radio operations and increase the benefits of HD Radio technology to its growing listener base. We plan to issue future bulletins as necessary.

The Embedded Exporter -

When it's Time to Upgrade...

In 2006, under the auspices of the NAB's HD Radio™ Technology Advancement Task Force, iBiquity and its manufacturing partners BE, Continental, Harris and Nautel began working on the next generation IBOC Exporter. The goal was to move off the PC platform and achieve greater reliability at reduced cost in a smaller package. Three challenging goals, but those goals have been achieved. iBiquity handed off the final reference software load to the manufacturers on August 1st of last year and by Christmas the first production models were leaving the loading dock. What is being shipped is an evolutionary piece of hardware. It contains no spinning hard drives, does not run on an off-the-shelf PC operating system, and does not seem to take forever to boot up. Start up time from "power on" to "ready to transmit" is reduced to a matter of seconds. All the iterations from manufacturers are either 1 RU or 2 RU high, some don't even need fans, and all make a much smaller dent in your capital budget.

Let the Buyer be Aware!

There is one major caveat now that you're ready to grab a purchase order form. The Embedded Exporter communicates with other devices using the new HD Protocol or HDP. This means that your Importer, Exgine and PAD generator have to also communicate in HDP. Therefore, the Importer, Exgine and PAD generator will have to be upgraded to a compatible software version. Check with the manufacturers of those systems to make sure that their compatible software version is available.

At first this may seem like an unnecessary obstacle. However, HDP will lead to some very useful features, currently in development, that will make all those upgrades worthwhile.

Thank you for your continued support!

Please direct any questions, comments or report technical issues to: Tom Walker, iBiquity Digital Corporation, Columbia, MD, walker@ibiquity.com