Donald,

Thank You....So to confirm, Please verify if my understanding as following 2 items is correct.....

1) There are no hardware differences between the device regardless of it being a Universal or Component device. Hardware differences would likely necessitate a different FCC ID for the component version. If they are identical in hardware, but differ only in software, then both could be under the same FCC ID.
That is correct. The only differing hardware would be the addition of the RS232 cable to connect the two devices. The actual unit hardware remains the same.

2) The software installed (I assume by the applicant/manufacturer) will only allows operation in the specific mode it is installed for. If shipped as a universal device - it will only operate as this and can not operate as a component device. Is this correct?
Correct. Universal Intermediary Device software will only operate as such and Component Intermediary Device software will only operate as such. The software is compiled into the appropriate format on the production side and, once compiled, cannot be switched to the other format. Software is installed at the Gorman-Redlich facility or can be updated by the customer, who contacts the Gorman-Redlich facility with their unit serial number and other information in order to receive the update.

At 09:16 AM 12/7/2012 -0500, Donald Walker wrote:

Hi, Tim:

In regard to paragraph 3 of your email below, operation of the CAP-DEC 1 is not something that is user configurable. I apologize if the manual is unclear. The software that is loaded onto the unit determines in which mode the unit operates. Once the software is compiled at the source for operation in Universal Intermediary Device mode, that software can never operate as anything else and the same is true for software that would be compiled to operate in Component Intermediary Device.

Jim and I had even previously discussed the possibility of a different model number for the component device (such as the addition of a C to make the model name CAP-DEC 1C), but I do not recall the outcome of those discussions. I am CC-ing him on this email as well.

When we first got the unit tested for conformity to the various OASIS CAP/IPAWS Profile/ECIG specifications (under what was then called ICAP), there was no distinction between universal and component operation and, to make things easiest on the test facility, we all agreed that setting it up in what is now considered universal mode would work best. The conformity testing program is now called P-TAC STEP testing and the unit has not yet undergone such testing for the RS232 connection between the CAP-DEC 1 and GR EAS unit (component intermediary device configuration).

I hope that this clears up the issues mentioned below. If not, please let us know.

Donald Walker
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