

INVENTION DISCLOSURE

1. **Invention Title.**

the 911 channel

2. **Invention Summary.**

This invention explains how the Cable Operator can dedicate a channel to extend in a very economical way the EAS information.

3. **Invention Description.**

Describe the invention in detail and/or attach a description, drawing(s) and/or diagram(s), if available. Please include flow charts for descriptions of software processes, and block diagrams for descriptions of hardware systems. Attach any supporting documents like white papers, specs, ppts, etc.

Emergency Alert Systems exist and their implementation is mandatory for all Cable Operators. However, the information provided during the alert is usually poor in quantity and more important in quality. For example, an amber alert reads "seven year old, boy, blue eyes, kidnaped. Suspect is driving a green 1997 Ford Taurus".

The innovation is to have a dedicated channel for example 911, where the interested viewer can now go and look. The channel could now have for example a recent picture of the child, a picture of a 1997 Ford Taurus, a still shoot of the map pointing to the last know location, and in some cases the picture or composite of the suspect.

We believe that the economics of this channel are well justified. It is a service that can relevant only if inserted at the local point. The bandwidth consumed should be minimal and the production time null. The operator will have a coordinate way for the police or any other authorize first respondent to push the digital material (pictures) and the meta data (last know location, child's description, etc) for the operator to easily compose the view. We anticipate that, due to the nature of the service, the digital material will consist largely of still images. We expect that the infrastructure can therefore be optimized by support of still images (JPEG or JPEG2000 formats) carried over MPEG-2 TS vs. MPEG video formats.

Briefly outline the potential commercial value and customers of the invention.

This invention improves the current alert system to levels never seen before as part of the public service announcement system.

4. **How is this invention different from existing products, processes, systems?**

This invention improves the current alert system to levels never seen before as part of the public service announcement system.