RFmondial

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RFmondial offers professional products and services for the digital broadcasting industry as well as other industries with the need for innovative hardware and software. Research, development and prototype implementation for transmitter, receiver, and monitoring technology as well as design services for various industries are part of our core business. With our broad experience in different technological areas we serve world-wide markets; "Made in Germany“.

As a DRM consortium member RFmondial possesses a wide record of experience and know-how in the field of digital audio broadcasting, both DRM-AM and DRM-FM. This includes the experience of the world's first DRM broadcast in the VHF band as well as precise, absolute SFN timing measurements in DAB networks. Furthermore, DAB, DAB+, DMB-Radio, HD-Radio and related radio standards are parts of its innovative portfolio.

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Q1 Do you agree that single digital radio technology adoption is preferable for entire country? If not, support your reply with justification.

YES, a single radio system is the more advantageous solution. It is significantly more cost-effective, with lower installation and maintenance expenses. There is only one standard to maintain, allowing for better resource utilisation. The regulatory effort is considerably less. Broadcasters benefit from the simple infrastructure and can easily switch to the digital system.

Q2. In case a single digital radio broadcast technology is to be adopted for the entire country, which technology should be adopted for digital radio broadcasting? Please give your suggestions with detailed justification.

Despite the fact that HD Radio is already common in the USA. Nevertheless, the introduction of the HD Radio standard in other countries is associated with a number of challenges. There are two fundamental aspects that need to be considered.

From a technical point of view, the DRM standard is clearly preferably. DRM offers outstanding flexibility in spectrum planning. Compared to HD Radio, the DRM signal can be flexibly implemented in the existing FM broadcasting landscape. There are no system-related restrictions. The DRM system is fully thought through from the studio to content management and signal distribution. The existing FM infrastructure can be used without any problems. The additional DRM data services, such as EWF and others, further enhance the system.

Another decisive advantage is transparency. The DRM standard is an open standard. Broadcasters and network operators are independent of any one company. This allows to guarantee a market-orientated introduction and transparent operation. The DRM standard offers both public and private broadcasters the same opportunities.

The open standard opens up new possibilities for the development of a free and autonomous industry completely independent of a single company's corporate policy.

Broadcasting is an essential instrument for politics and security in a society. Being dependent on the politics of a single company is a major disadvantage.