

The 1st Patented **Artificial Intelligence** for FM Radio



SMARTFM ©

SmartFM is a worldwide patented technology for FM transmitters which revolutionizes FM radio broadcasting and brings massive benefits to broadcasters, radios, and their audience of listeners.



ENHANCES THE LISTENING EXPERIENCE

for the most sensitive program content



LOWERS ENERGY COSTS BY 10 TO 40%

thanks to electricity savings and reduced cooling



REDUCES CO₂ EMISSIONS

for a cleaner, more sustainable environment

Over the last few decades, there have been substantial improvements in FM transmitters.

With LDMOS technology, built-in features, and compact designs, transmitters today are smaller, produce less heat, and have pallets reaching 85% efficiency. Despite these advancements, LDMOS technology has most likely reached its maximum potential for improving transmitter efficiency.

Fortunately, a new industry milestone has just been achieved in radio broadcast.

After 3 years of state-of-the-art engineering and rigorous fine tuning through FM receiver listening, psychoacoustic analysis, digital result modeling, AI, algorithms, RF optimization, performance and field testing, you can now benefit from the **first Artificial Intelligence dedicated to the FM radio listener experience.**

SmartFM is the result of WorldCast Systems expertise in signal processing, FM broadcasting and field measurement. **It improves the Total Cost of Ownership** of FM broadcasters and elevates FM to a new level of **unprecedented performance and efficiency.**

Its 'smart' performance enhances the listening experience, lowers energy costs by 10 to 40% and limits environmental impact by reducing CO₂ emissions.

HOW TO BENEFIT FROM SMARTFM?

SmartFM is available on new WorldCast Systems' FM devices as well as thousands of Ecreso FM transmitters already deployed worldwide, through a simple software upgrade*

A SmartFM Ecosystem of Advanced FM solutions

SmartFM is also compatible with WorldCast Systems' FM range.

A complete scope including:

- TEST & MEASUREMENT
- MONITORING
- NETWORK MANAGEMENT SOLUTIONS



* Please contact your Sales Manager for more information

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