

Your
**Broadcast
& Media**
Solution
Provider

APT | Ecreso | Audemat | Kybio

Synchronized & Secured Audio/MPX over IP Transport



SureStream is the leading technology for **reliable, low-cost, and low-latency audio/video transport** over IP. It provides «Always On Redundancy», ensuring continuous, **high-quality sound** while significantly reducing transmission costs.



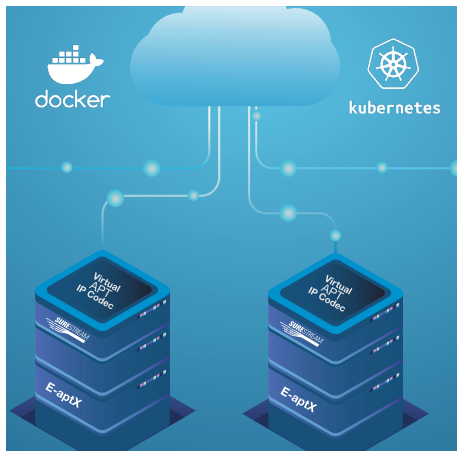
APTmpX is a MPX/composite compression algorithm, delivering **superior sound transparency** over low-bitrate IP links. At 300, 400 or 600kbps, it enables **cost-efficient** FM multiplex transmission **without quality loss**.



SynchroStream technology delivers **precise, time-synchronized** IP audio transmission and **playlist**. It ensures **accurate alignment** for **FM SFN transmitters**.

ROCK-SOLID AUDIO/MPX OVER IP TRANSPORT SOLUTIONS

APT codecs offer the **reliability, quality, and redundancy** required by broadcasters for applications such as Studio-Transmitter Links (STL), studio networking, and remote broadcasting/OBs. Perfect for different deployments including **STL, SFN, and audio/MPX** networks.



VIRTUAL APT IP CODEC

Bring the trusted performance of APT into software. The Virtual APT IP Codec enables broadcasters to **consolidate** their entire fleet of codecs into a single, centralized platform that scales effortlessly as their network grows. Powered by **SureStream** and **APTmpX**, it's built for **high-quality, low-latency audio and MPX over IP transport**. Server-based and AES67-compliant, it integrates seamlessly with Virtual Machine, Docker, and Kubernetes environments. With the Virtual APT IP Codec, you can **modernize your broadcast operations with confidence**.

FM Broadcasting

Transmitters, 1+1 and N+1 Redundancy, Peripherals



LOWEST OPERATING COSTS, HIGHEST QUALITY

With decades of RF experience, WorldCast Systems delivers the best solutions in terms of Total Cost of Ownership, reliability, and audio quality.

- Fully digital FM transmitters in a compact yet modular design, from 100W to 10kW.
- Redundancy solutions (up to 8+1 systems), to help ensure that broadcasters stay on-air.
- Turnkey solutions, including rack integrations, electric distribution and cabling.
- With up to 76% efficiency and with SmartFM, Ecreso transmitters are the most efficient and environmentally-friendly transmitters on the market.



We confidently warranty our transmitters for 10-years thanks to their exceptional design quality, outstanding efficiency, and advanced diagnostics capabilities.



By adding this intrinsic redundancy in the Ecreso FM 5/10kW, you benefit from the same level of redundancy than a 1+1 while significantly reducing costs.



Our Direct-to-Channel Digital Modulator provides the highest audio quality and fidelity and embeds several tools to measure and control your broadcast signal.



A NEW PARADIGM IN ENERGY SAVINGS!

SmartFM is a sophisticated, worldwide patented algorithm, or AI, which brings massive benefits to broadcasters and radios.

\$ Lowers energy costs by up to 40%
Thanks to electricity savings and reduced cooling

🌱 Reduces CO₂ emissions
For a cleaner, more sustainable environment



Ecreso FM transmitters feature an integrated, **fully digital** sound processor for the **highest signal quality** and outstanding reliability. Users benefit from presets and adjustments to craft their own **unique sonic signature chain!**



The new Ecreso AiO Series includes an **embedded APT IP Decoder** which ingests audio over IP to the Direct-to-Channel Digital Modulator. Compatible with **SureStream and APTmpX**, this software feature helps broadcasters **modernize their network** with a transition to an all-IP broadcast chain!



After the worldwide success of Audemat RDS Encoders, WorldCast Systems integrates this expertise into the Ecreso AiO Series, resulting in two software options, a **dynamic RDS** encoder or a **full RDS** encoder from Audemat.

FM and DAB+ Test & Measurement



AUDEMAT MC6

Audemat MC6 is the most comprehensive, versatile, and precise Test & Measurement platform available for DAB/FM in the world today. Broadcasters, operators, and regulation authorities ensure the best radio service to listeners while respecting all DAB and FM regulations.



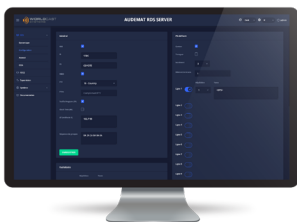
QUALITY RECEPTION ANALYSIS



GoldenEar is an **algorithm** providing a mathematical & objective **quality rating** of the **DAB and FM signals** received during a drive test. Used by major broadcasters and regulators for decades, this technology complements the drive test feature, **simplifying the analysis and reporting.**



RDS Broadcasting



AUDEMAT RDS SERVER

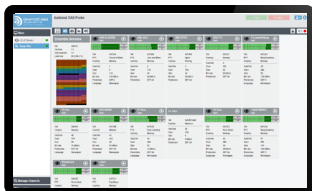
The Audemat RDS Server is the ideal solution for **seamless RDS data distribution**. Acting as a gateway between automation systems and RDS encoders, it converts major automation formats into UECP protocol for compatibility with virtually any RDS encoder.



AUDEMAT RDS ENCODER

The Audemat RDS Encoder elevates RDS encoding to a **level of signal quality and spectral purity never before achieved**. Moreover, with its MPX over AES compatibility, the Audemat RDS Encoder enables the addition of RDS information directly into a digital chain. The product also includes a **built-in FM tuner**.

Monitoring & Control



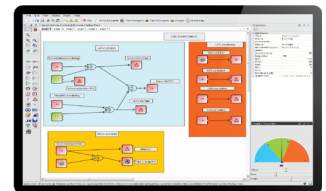
AUDEMAT DAB PROBE

A highly **complete and cost-competitive** DAB radio monitoring solution designed to perform advanced QoS signal analysis, on-site and of a broadcast coverage area. It provides a **deep signal and content analysis** with impulse response representation, TII, audio streaming, ETI recording, and more.



AUDEMAT FM PROBE

For FM monitoring at the transmitter site or in the coverage area. The unit sequentially monitors a list of stations, or **up to 8 stations simultaneously**, to ensure that your FM network complies with both **legislation and your expectations**. Includes a **complete set of tools**: alarms, real-time analysis including audio and RDS streaming.



VIRTUAL SCRIPTEASY

ScriptEasy is a **facility control software** that creates autonomous “Smart” sites, **automatically correcting** operational errors. Its **intuitive** graphical interface lets users build custom automation scripts and dashboards. Available **virtually** or within Audemat and APT equipment, it simplifies site management and boosts reliability.

Get 1 year of free cloud monitoring

*included with WorldCast Systems products

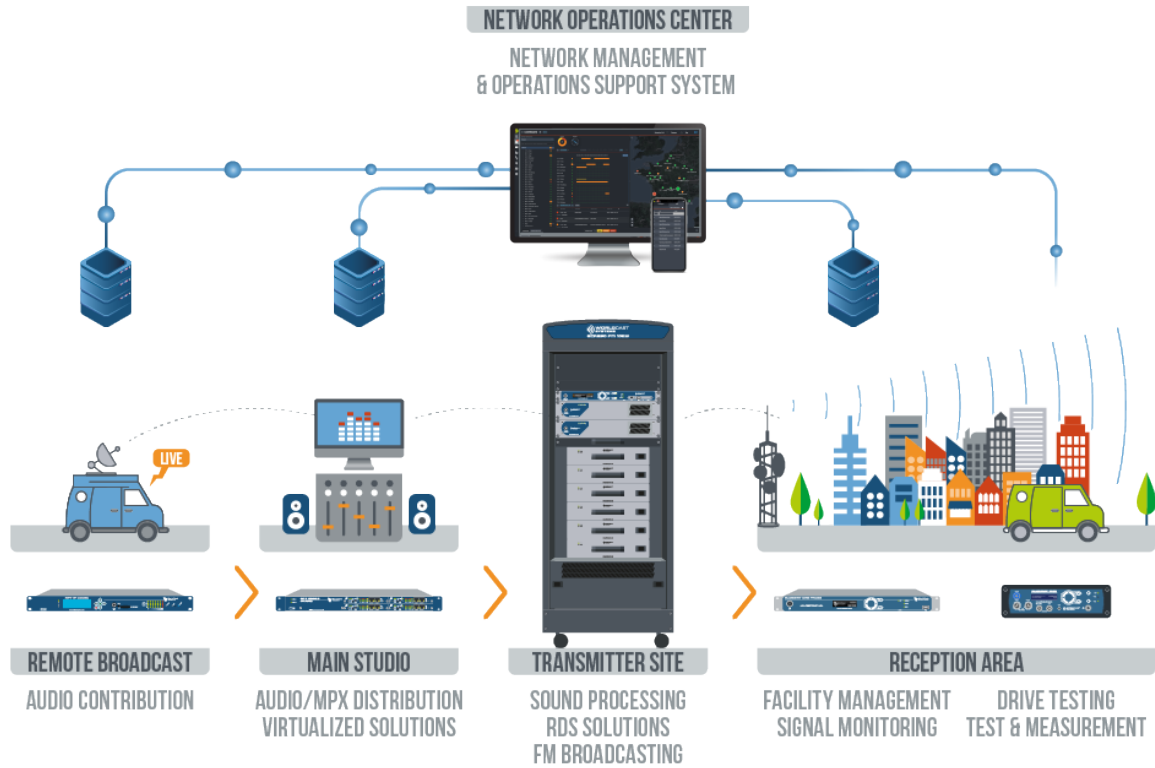


Network Management System

KYBIO is a centralized, vendor-agnostic network management system (NMS) for media and broadcast, serving markets such as IPTV, radio, TV, cable, and satellite. KYBIO simplifies the monitoring of even the most complex IP infrastructures and helps you ensure operational continuity across your end-to-end value chain from media acquisition, production, and distribution.

Thanks to its unique combination of monitoring, OSS, and control modules you benefit from improved uptime and performance of your equipment, efficient workflows, and powerful analytics. With its advanced auto-pilot configuration engine, KYBIO is fast and simple to deploy and can be run on-premises, in the cloud or in a hybrid environment.

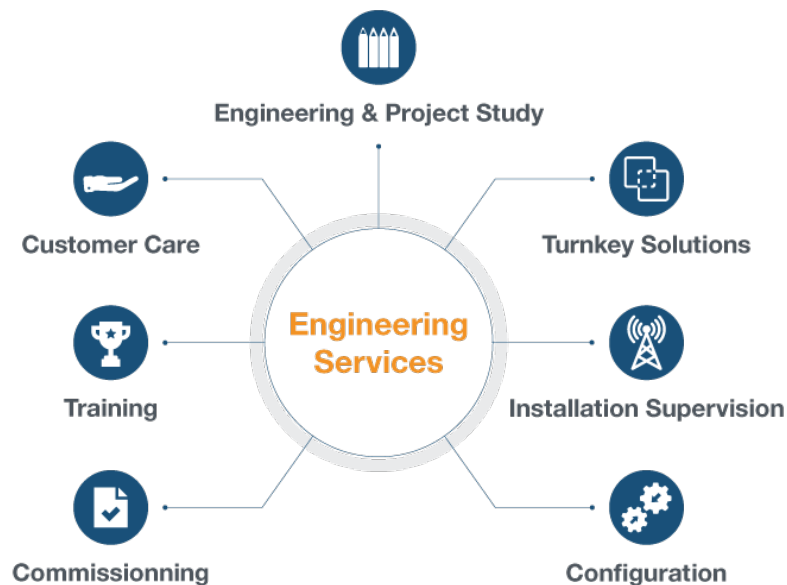
- Unified web interface & mobile-ready**
- Vendor-agnostic monitoring**
- Auto-discovery & network scanning**
- Dynamic maps & displays**
- Automation & combined alarming**
- Real-time monitoring & history tracking**
- Alarm & notification management**
- Ticket management for incident & tracking**
- Analytics & reporting engine**



WorldCast Systems offers a wide range of innovative devices to ensure that your broadcast chain operates efficiently and reliably in the studio, at the transmitter site and right through to the reception area.

Turnkey Solutions & Services

Our team of experts partner with you throughout all phases of your project with our large scope of services. From engineering studies to installation and technical support, you can count on us, every step of the way.



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