agile
BROADCAST

DAB+ tech just keeps getting hotter – and Agile has the brands you need.

Inside: →

The latest technology by the world's leading brands – Wheatstone, RFE Broadcast, Digigram, AVT, DEVA, MNC, AKG, Davicom, Tascam... and more!

THE LION GOT WINGS

RDS GENERATOR with song, title, and station data built-in
OPTIMAL ON-AIR QUALITY even from highly compressed source material
ATTAIN airy highs, smooth midrange, and deep lows you can feel
RUNS ON WHEATNET-IP, the intelligent network

LET YOUR SIGNAL *ROAR* ON A KITTEN BUDGET

- Intelligent iAGC – allows unobtrusive transitions
- Clipper – distortion-masked FM peak clipper
- Bass tools – circumvent bass-related distortion
- Wheatstone Unified Processing for dynamic and dominant on-the-dial presence
- Multipath Mitigation for maximum audience reach
- Smart Stereo Enhancement
- RDS generator – no encoder purchase required

- MPX SystemLink™ Wheatstone Baseband 192 for direct digital link to transmitter
- WheatNet-IP intelligent audio network with full-blown interface so you can set up and trigger remote presets now, then add on to your WheatNet-IP ecosystem later
- Remote app – like a processing expert in each box!
- BS.1770 Loudness Controller

This year we're full of all things DAB+...

Welcome to the latest edition of the Agile Wish List. In our ongoing commitment to environmental sustainability, we have transitioned to a purely digital format for this issue. Designated as 24/25, this edition will guide us through to the middle of 2025. With the support of our partners, we continue to bring our clients the latest technologies and trends relevant to the Australian market.

We are seeing significant interest in our DAB+, DVB-T, monitoring, streaming, and SaaS offerings. There has also been a larger uptake from the community sector, where Agile has assisted stations in transitioning to digital broadcast platforms.

In-house, we are working on a new, fresher website that will allow our customers a more immersive, engaging experience.

Thank you for your ongoing support and confidence in Agile Broadcast. We look forward to being part of your future projects and successes.

Adrian Harper
General Manager

dab+

RFE
MAKING
BROADCAST
SMARTER

RFE makes sound better

Discover the advantages of our technologies

We always work to improve our products and provide customers the exact solution they need. Our core technological systems and characteristics guide us in order to continuously evolve through experimentation.

- Fully assembled in Italy
- maximized efficiency system
- Support for Community Radio
- Support from coverage and feasibility studies
- Nearly 50 years' experience in broadcasting technologies

RFE'S RANGE OF PRODUCTS

FM Transmitters

Antenna Systems

Integrated Radio Broadcast Systems

Audio Over IP Links & Analog Links

RF Switches

FOURTH SERIES MEDIUM POWER

TRedess Fourth Series Medium Power is a family of Air-Cooled UHF and VHF Transmitters, Translators / Transposers and Gap-Fillers up to 5 kW (DTT and DAB+), bringing together maximum flexibility, high efficiency based on the use of the latest Ultra-Wide Band Doherty technology (UWBD), compact design, reliability and very smart installation and operation, fully oriented to minimise rack space and total cost of ownership.

TRedess Fourth Series Medium Power covers DVB-T, DVB-T2, ISDB-T, ISDB-Tb, ATSC 1.0 and ATSC 3.0 standards, for both MFN and SFN networks.

REDUNDANT CLOCK REFERENCE

Redundant Clock Reference, a fully comprehensive solution for maximum reliability, robustness, modularity, performance and cost optimisation.

The Multi-Band and Multi-Constellation operation of the GNSS receivers make this solution very robust, independent of a single positioning system, and capable of tracking a high number of satellites.

TRedess

No matter how you stream it,
Wheatstone has you covered!

IN THE CLOUD
Layers Stream software running on AWS gives you stream provisioning, audio processing, and metadata support from the cloud. Spin up or down streaming instances as needed and pay for only the cloud services you use, all controlled through a web browser.

FROM AN AOIP APPLIANCE
Streamblade/Wheatstream appliances manage multiple streams in one rack unit, including audio processing and metadata individualized by channel. Add onto your studio network or ours.

ON THE SERVER
Layers Stream software can be added to any server in your rack room or regional data center for managing each stream locally along with related metadata and audio processing designed specifically for streaming.

- Audio processing designed specifically to optimize the performance of audio codecs.
- Lua transformation filters for converting metadata from any standard automation system to standard CDNs.
- Optional Nielsen audio software encoder for PPM watermarking streams.

- Compatibility with standard CDN and streaming protocols, including Triton Digital as well as HLS, Icecast, RTMP, and RTP streaming protocols.
- Standard BS.1770-compliant loudness control.
- Be part of the WheatNet-IP family, a complete AoIP ecosystem of 200+ interconnected devices and elements.

Follow Club Wheat

Wheatstone
BROADCAST AUDIO PERFECTIONISTS®

www.wheatstone.com | Manufactured, shipped, and supported 24/7 from North Carolina, USA

Unparalled, Feature Rich Broadcast and Remote Site Intelligence.

Control Anything, Anywhere, Anytime, Every Time.

Mosaic

- End to end operational support at your fingertips, within a single pane of glass.
- Standardized, rich, and real-time user interface regardless of equipment, software vendor, or protocol.
- Combine built-in displays with user-driven, custom dashboards to fully support your operations.
- Comprehensive archiving, analytics, and reporting.

TESSERA

- Light-weight & cost-effective enterprise asset management system leveraging the power of hierarchical data and relationships.
- Stand alone or fully integrated with Mosaic, Tessera provides seamless control of all assets across your entire organization.
- Track and automate the entire asset lifecycle.
- Manage services and reprovision networks at the touch of a button.
- Adapts to all industries.

MNCsoftware
www.mncsoftware.com

Seeing is believing. . . Schedule a demo of Mosaic and Tessera today!

JBL PROFESSIONAL

JBL's range of professional grade Studio Monitors offer an impressive neutral response in a broad array of rooms and allows you to experience greater depth and ambience in recordings.

LSR 7 SERIES

LSR 3 SERIES

TASCAM
MIXCAST 4

Mixcast 4 simplifies professional content creation, like podcasts, live streaming, voice overs and more. Mix and record microphone inputs, internal sounds, music from trigger pads, and external audio. Includes TASCAM Podcast Editor software.

AKG by HARMAN

Trusted by studio engineers, musicians and DJs alike, AKG pro headphones are meticulously built to deliver the most accurate and precise sound that is legendary in the audio industry.

now in stock

K-271MKII

K-371

K-612PRO

TASCAM has developed recording equipment and tools for music production and integrators catering for all different applications.

SS-CDR250R

CD-400U

CD-RW900SX

Discover unparalleled audio clarity with Tascam audio interfaces, designed for both aspiring and professional musicians. Experience easy plug-and-play connectivity, high-quality preamps, and robust build quality. Elevate your audio game with Tascam.

P-120

C-214

C-414 XLS

AKG Microphones are the pinnacle of sensitivity and detail, delivering astounding sound in the studio. They are in the leading edge of industrial design, innovative electronics and iconic sound.

OUR LEGEND.
YOUR LEGACY.

US-1x2HR
US-4x4HR

US-2x2HR

sounds like DIGIGRAM

AuviTran

THE 2 CHANNELS IP AUDIO CODEC WITH ALL THE ESSENTIALS AT AN ATTRACTIVE PRICE
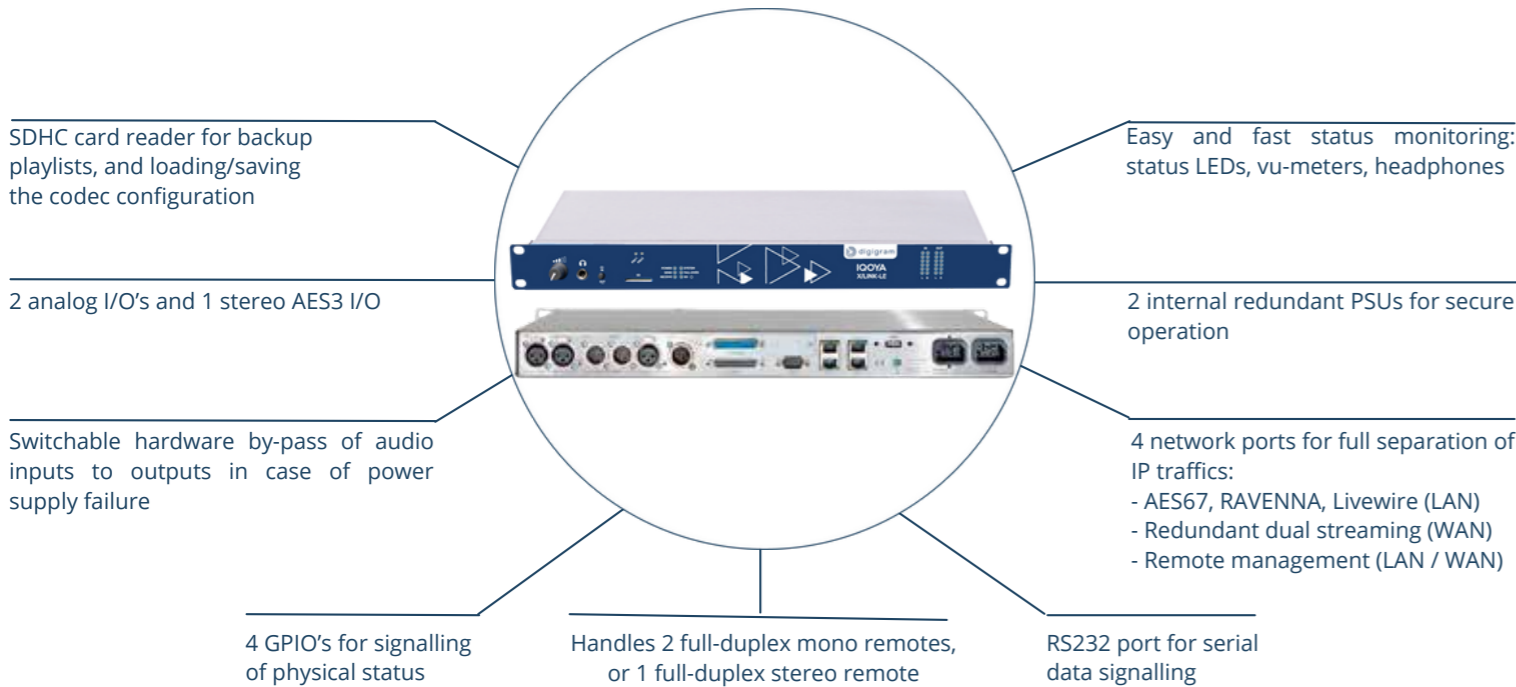
IQOYA X/LINK-LE is a 1U rack streamlined IP audio codec designed for live remote broadcasting and program distribution over IP. It is a perfect fit for delivering a stereo source (or two mono sources) over IP networks for STL & SSL link, DVB audio, WEB radio and also for full-duplex live remote broadcasts. IQOYA X/LINK-LE benefits from all the major features of X/LINK but comes at a lower price point. It can be used in legacy analog or AES/EBU audio environments, as well as in full-IP audio infrastructures (AES67, Ravenna, Livewire), making it a good investment for the migration to IP audio. Like all the IQOYA products, X/LINK-LE is based on Fluid IP, the Digigram technology for reliable and resilient audio transmission over all types of IP networks including inexpensive unmanaged IP networks. Based on low consumption and fanless powerful hardware platform, IQOYA X/LINK-LE is designed for 24/7/365 use.

Bridging the gap since 2003
Smart, scalable, durable

order at sales@agilebroadcast.com.au

High processing power allowing low latency audio connections, multi-format encoding and multi-protocol streaming

SDHC card reader for backup playlists, and loading/saving the codec configuration

Easy and fast status monitoring: status LEDs, vu-meters, headphones

2 analog I/O's and 1 stereo AES3 I/O

2 internal redundant PSUs for secure operation

Switchable hardware by-pass of audio inputs to outputs in case of power supply failure

4 network ports for full separation of IP traffics:
- AES67, RAVENNA, Livewire (LAN)
- Redundant dual streaming (WAN)
- Remote management (LAN / WAN)

4 GPIO's for signalling of physical status

Handles 2 full-duplex mono remotes, or 1 full-duplex stereo remote

RS232 port for serial data signalling

KEY FEATURES

Cost-effective solution with essential features, and no compromises on reliability

Adapted to legacy audio infrastructures and full-IP audio infrastructures

EBU/ACIP compliance for interoperability with third-party codecs and any SIP infrastructure

Allows for 1 stereo, or 2 mono full-duplex remotes

Multiple levels of redundancy for audio service continuity and failsafe operation: 2 power supply units, 4 network ports with stream redundancy, audio failovers, audio hardware by-pass

Control and configuration via SNMP and Web services for easy integration with codec and network management/monitoring systems.

Audio ToolBox

SMART & RELIABLE PLATFORMS
Bringing network convergence has fueled the development of Audio ToolBox system since day 1. Robust, scalable and modular, AuviTran's AVBx3 and AVBx7 platforms bring high-end audio to every structure, regardless of audio protocols and interfaces. Available in StageBox or Installation modes, AVBx3 and AVBx7 support AxC-card without compromise over audio quality and low latency.

SCALABLE & VERSATILE SYSTEM
Bring technologies together and bridge protocols with AuviTran AxC cards. Featuring Dante, AVB, AES67, MADI and more, AxC cards are specifically designed for use with the AVB Audio ToolBox. Combinations are almost endless with the 20 AxC cards to create a multitude of interconnection equipments, bridges, stage boxes and multi-network peripherals.

AxC-AVB (Milan certified)

milan

AxC-Dante

AxC-AES-67

auvitran.com

Our customers pick their favourites!

"I provide technical support to a number of community stations across Tasmania.

When choosing products, I look for those that give me long term solutions and come with accessible support should it be required.

The team at Agile understand the needs of the community sector and within their product range provide options that suit the requirements and budgets of the sector.

With confidence I have deployed many items from DEVA Broadcast and continue to be impressed with the user interface experience they provide. Also appreciated is the easy access to technical support from their development team in Europe.

In the most recent studio refit Audio Arts Lightning consoles were chosen, a choice based on the features offered and the simplicity of the user experience. One console has now seen daily use for four years without giving any problems.

When a new transmitter was required Agile presented the RFE product for our consideration. Twelve months on this is shown to have been a sensible choice as the 600 watt unit has been operating without any problem.

Agile has offers sensible, well thought through solutions and provides informed and timely support when required."

Jim Parish
Broadcast Technology consultant
Tasmania

Deva DB8008 silence monitor & backup audio player

Audio Arts Lightning console

RFE DS600 transmitter

AudioArts AIR-4 radio console

Frank Wilcox
5GTR/Technorama

5GTR recently installed an AudioArts AIR-4 into their studios at Mount Gambier.

Frank Wilcox who took care of the installation states " I pre-made all of the RJ45 cables before starting the installation. All cables were labelled at each end. The AudioArts AIR Series are perfect for those stations that want to stay analogue, they are easy to install and easy to operate! I do like the USB interface for a computer - this works great - and the ease with which you can decide which faders are for microphones. I chose the AIR-4 desk which was a great choice for 5GTR."

"My pick would be the Paneda DAB head-end software.

Very easy to configure and use. Flexibility to accept an abundance of audio input source formats and options, and reliable interfacing for metadata.

The advanced thinking around redundancy is very impressive. The ability to seamlessly and intelligently extract and substitute one or a number of individual data or audio components from the available input streams enhances our reliability and on-air robustness."

Paneda DAB head-end software

John Sandles
Engineering Specialist

MAGIC SERVER SCALABLE SOLUTION

AUDIO CODECS & DANTE® BRIDGE

The all-new MAGIC Server integrates both Telephone Hybrids and Audio Codecs into one flexible and scalable software solution.

This gives the user the choice between our classic hardware systems reaching from 1 line with the MAGIC TH1 Go and 16 lines in the MAGIC THipPro and choosing a fully server based approach that covers 1–96 lines and uses existing infrastructure.

MAGIC AC1 Go & MAGIC ACX

To offer Audio Codecs for any application, we now complemented our MAGIC ACip3 dual codec and our MAGIC ACX 32 channel Dante® WAN Bridge & codec with a small form factor universal audio codec for OB vans and limited space aplications.

The MAGIC AC1 Go shares the MAGIC ACip3s features and reliability in a smaller package.

RAVENNA

Dante®

AES67

DAB/DAB+ HEADEND

MAGIC DABMUX plus Monitoring Decoder

After introducing the integrated service monitor and a 14 channel encoder based on our proven Multiplexer, we're now extending the MAGIC DABMUX plus family by a standalone monitoring decoder. The system can monitor 50 EDI inputs and decode 25 programmes at the same time from anywhere in the network while being controlled centrally via a comfortable GUI.

MAGIC Server

Screener

Presenter

Producer

Screener

MAGIC Server Basic

The new MAGIC Server Basic can be configured for 1-8 lines in 2 studios and can incorporate 2 audio codecs as well as collaboration services. This makes it an excellent software solution for cost effective small scale solutions.

MAGIC Server Professional

The MAGIC Server Professional picks up at 8 lines and is scalable up to 96 lines in 24 studios. 48 audio codec lines can be configured and options for Voice Mail Systems and Intercom applications are available. The versatility and virtualisation options make it AVTs most versatile solution to date.

Besides Telephone Hybrids and Audio Codecs, AVT offers products for a complete DAB/DAB+ headend. With the various hardware encoders, redundancy switches/converters, monitoring decoders and both PC and DSP-based multiplexers, we cover everything from small-scale solutions to fully redundant headends.

Thus we offer small scale, cost effective multiplexer solutions as well as professional solutions that can be combined with either integrated software encoders or stand-alone hardware encoders as well as webstream inputs.

AVT
More than 25 Years of Audio Expertise

MAGIC Collaboration Services

The MAGIC Collaboration Services are now available for the MAGIC Server as well as all hardware systems. They allow audio and video connections via MS Teams or WebRTC directly in the Hybrid's GUI with highest audio quality while having the same workflow as regular phone calls.

The video signal can be output via NDI for integration into video playouts.

WHERE AOIP NETWORK
DREAMS
GROW AND COME TRUE

As an engineer, you know how centralized network management is a single-point-of-failure waiting to happen. Distributing network intelligence throughout to every IP point in the network is the smarter approach, because distributed networks like WheatNet-IP automatically build in redundancy - if one part of the network fails for any reason, the rest can keep on functioning. **Now you can let your inner child dream on because you already have most of the networkability you need to grow with the times.**

BRING THE STUDIO
ANYWHERE
GLASS LXE

Glass LXE is a multi-touch UI that operates as a standalone virtual console into the WheatNet-IP audio network, a complete IP audio ecosystem of consoles, talent stations, I/O units, accessories, and appliances.

Experience the power of Wheatstone's flagship LXE hardware console, now under your fingertips. Glass LXE is a multi-touch screen software interface, featuring familiar buttons, knobs, and multi-touch controls. Set EQ curves, filters, and more, just like you would on the LXE hardware console. Anywhere, anytime—**Glass LXE brings the studio to you.**

Wheatstone
BROADCAST AUDIO PERFECTIONISTS®

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davicom

AXON & NEURO

Smart I/O Modules for GPIO Applications

AXON 8D
8 Digital Input Interface

AXON 8A
8 Analog Input Interface

AXON 5R
5 Relay Output Interface

Combine up to 5 Different I/O Cards to Build a Smart Telemetry Unit

NIO | NIO 8A | NIO 8D | NIO 5R | NIO

NEURO

- The HTML 5 Web GUI Allows Easy Configuration & Status List View
- Send Alarms via Email or SNMP TRAPs to an SNMP Manager
- Complete SNMP v1/v2c/v3 Agent to work with most NMS Systems
- Build Onboard Automation with Jobs, Schedulers & Math Functions
- Use Remote Commands to Control Relays on any Other Davicom Products

davicom

SERIES CORTEX

Complete Remote Site Management Solution for SNMP, MODBUS & GPIO

- Completely Customizable **HTML 5** GUI
- Powerful **SNMP** Manager & **Modbus** Master
- **Design Automation** without a Single Line of Code!
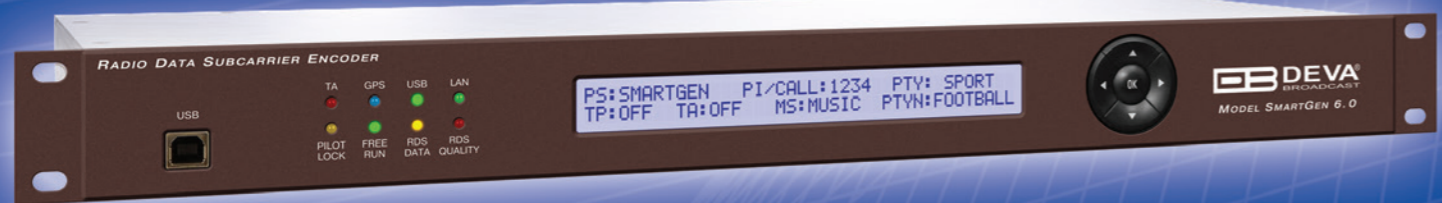- Complete **SNMP Agent,** Compatible with Most NMS

CORTEX UNIT

DavNet | NMS

DB **DEVA**®
BROADCAST

FM Modulation Monitors • RDS Encoders
Rebroadcast Receivers • Broadcast Tools
IP Audio Codecs • Audio Processors

FM RADIO

DAB | DAB+

Band Scanner 2

USB FM-Scanning Receiver
Modulation and RDS Analyzer
12 Channel GPS Receiver

MADE IN BULGARIA   WWW.DEVABROADCAST.COM

COMPLETE DAB HEAD-END SOLUTIONS

PANEDA®

vmware

VIRTUALIZED

CLOUD

HARDWARE

find me at agilebroadcast.com.au

Audio Processing

Mic/Speaker/Multimedia
Stands

Clock Generators

Montoring and Control

AOIP Networking/Routing

RJ45 Adaptor Cables

Asset Monitoring

DAB Encoding, Multiplexing
& Headend Equipment

Broadcast Consoles

Analytics & Monitoring

Audio Toolbox, DSP,
Format Converters

Codecs/Encoding/Decoding

Silence Detectors

Radio Streamers

Re-broadcast Receivers

Enterprise Network

Mixers

Podcasting

RF Power Meters

agile
B R O A D C A S T

You need it? We've got it:
the most extensive range of equipment and brands.

Live Voice Editing

Microphones

FM Transmitters

FM/DAB/TV
Performance Monitoring

UHF/VHF TV/DTV/DAB
Transmitters

DAB Tunnel

Streaming Encoding/Processing

Break-in Systems

Telephone Hybrids

Remote Site Monitoring
& Control

Studio to Transmitter Links

Mic/Voice Processing

Handheld & Field Recorders

Headphones

Wifi & PoE Clocks

Soundcards

Live Remote Broadcasting