Product Guide

It’s What We Do
About Broadcast Radio

Who we are

Broadcast Radio is focused on providing complete services for your broadcast radio technology, whether it is for studios or software, installation, training and managed services. Broadcast Radio services are available to cover all your needs to offer a complete solution for radio at all levels.

Broadcast Radio is more than just a medium, for most people involved in radio it is a lifelong passion. The Company was established in 1997 and our experienced team understands and shares the lifelong passion of radio. Many of us have decades of experience in broadcast radio (both in-front and behind the mic) so we not only understand the technology, we understand how radio works and thus how technology needs to work.

We work in partnership with some of the biggest brands in radio and work closely with our key partners to ensure we offer only the best broadcast radio technology.

Innovating broadcast technology for more than 20 years

What we do

We offer a wide range of products and services covering all aspects of radio broadcasting. These include our own software & hardware products as well as a wide range of solutions from industry partners.

Our team consists of both technical and creative radio professionals with decades of combined experience in broadcast radio in all its forms which means that we really understand what you need and how best to achieve it.

We have been developing software solutions and building radio studios for stations of all types and sizes for more than twenty years. We understand radio and the unique challenges it faces in the modern world, and are ready to help broadcasters innovate and thrive in the connected world.

Our software products include:

- Myriad 5 Playout - Next Generation Playout
- Myriad 5 Logging - Audio & Data Logging
- SmartSign - Studio Signage
- AutoTrack Pro - Music Scheduling
- Myriad News - Paperless Newsroom System

Professional audio products include:

- Complete Studio Package
- Analogue & Digital Mixers
- Professional Studio Equipment
- Broadcast PC’s & Servers
- Multi-line Call Handling Systems

We also offer a range of broadcast services:

- Streaming & Broadcast Player
- Studio Move & Engineering Services
- Training & Consultancy

www.broadcastradio.com
Myriad 5 Logging & SmartSign

Myriad 5 Logging introduces advanced, multi-channel audio, data logging and retrieval to the Myriad family.

Based on our hugely popular Powerlog product but completely re-written to suit today's market, Myriad 5 Logging offers instant access to all of the audio and meta-data you need for you and your competitors' stations.

Recorder Key Features:

- Multi Channel Audio Logging
- Native Web Stream Logging
- Now Playing & DAB Text Logging
- Silence Detection & Warning
- Tweet Logging
- PCM, MP3 & OPUS Audio Formats
- Each Recorder Runs Independently

Playback Key Features:

- Virtually Instant Access To Logs
- Switch Logs In Seconds
- Export Clips In Multiple Formats
- Optional ‘Listen Again’ Module

SmartSign is a simple studio signage solution designed to run on a Raspberry Pi 3 mini computer board. SmartSign is a screen based signage system which allows you to build the display you need by dragging tile elements onto a grid. Titles can display time, date, messages, hardware inputs, images and more.

Applications include studio clock & tally display, ‘mic live’ warning, on-air indicator, reception displays, door entry control and more. You design your own SmartSign layout using the range of available ‘Tiles’.

- Smart Tiles - Respond to hardware or virtual hardware inputs
- Digital Clock Tiles - Digital time including ‘second wheel’
- Analogue Clock Tiles - Good old fashioned clock face
- Date / Time Tiles - Displays in a range of formats
- Text Tiles - Display whatever you like
- Image Tiles - Show a static image or a carousel of images
- RSS Feed Tiles - Displays live content from RSS source
- Now Playing - Shows the current track in Myriad 5 Playout
- Meter Tiles - Show real time audio levels

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Myriad 5 Playout is our next generation studio playout system designed to suit the needs of all modern radio.

Built around the twin concepts of flexibility and connectivity, Myriad 5 Playout offers robust, fault-tolerant playout that provides the presenter with the tools they need in the way that they want to work.

Overview

Myriad 5 Playout is built from the ground up to provide a broadcast platform for the next generation of engaging and creative radio presenters and stations.

Our aim was to build a highly scalable, flexible and presenter focused system that provides stations with the tools they need to create content that connects with their listeners and maintain relevance in the ever-changing modern media landscape.

To achieve this, Myriad 5 Playout takes the best elements of traditional playout systems and blends them with a range of connected tools and work-flows to establish an environment that encourages creative output by providing ‘live’ information whilst simultaneously removing technical barriers to allow presenters to concentrate on what they are best at.

We also wanted Myriad 5 Playout to be suitable for all types of broadcasters but of course not everyone wants the same thing. Our solution is Dynamic Layouts. With Myriad 5 Playout, you can design the interface, decide what tools you need, where you need them and how they will work, and when you finish your show, the next presenter can simply load their custom Dynamic Layout!

Key Features

- Next generation playout & automation system.
- Built from the ground up for modern radio.
- Scales from single studio to international broadcasters.
- Presenter focused design.
- Instant access to all content.
- Manual, live assisted & fully automated playout.
- ‘Live’ Artist content from connected sources (including Wikipedia & Twitter)
- Automated ‘record & edit’ work-flows for creating content fast.
- Advanced Voice Tracking including full envelope editing.
- Powerful, built in audio and metadata editing.
- Instant schedule generation using InstantTrack.
- Fast access to your ‘Favourites’.
- Dynamic Layouts put you in control of the look and feel.
- Suitable for stations of all sizes.

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Feature Focus

Dynamic Layouts
Dynamic Layouts allow you to seamlessly switch between multi-screen layouts to access different tools or sections of the system as you need them. Myriad 5 Playout ships with a wide range of built-in Dynamic Layouts but the best thing is that you can edit these layouts to suit your needs or even create your own Dynamic layouts from scratch.

Smart Info
The Smart Info tile is a new feature that dynamically gathers and displays 'live' relevant information from various online sources relating to the active Artists and Song in Myriad. So as you are playing the latest song by Kylie, Smart Info will be displaying information about the artists, her discography, latest tweets, album art, year of release and more.

Quick Recorder
The Quick Recorder tool is designed to simplify the process of recording audio clips and preparing them for broadcast. The workflow is as simple as single click record, single click 'process', title and save. The Quick Recorder is ideal for recording interviews, phone calls or individual elements to be combined into a finished programme via the Pad.

Remote Media Engine
Myriad 5 Playout gives you the option to split the user interface and the audio engine (that actually plays the audio) into two separate applications that can be run on different PC’s if required. This allows you to restart the main application without affecting on-air playback, indeed, the Remote Media Engine is capable of running for multiple hours without the main application.

Myriad 5 Family
Myriad 5 Playout is part of a wider family of applications designed to work in harmony to cover all of your stations needs. These include:

- Myriad 5 Logging - Audio and metadata logging.
- AutoTrack Pro SE - Music and link scheduling.
- Advert Manager SE - Advert scheduling.
- OCP SE - Publish metadata & social media.
- Myriad Network SE - Split advert and content delivery.

Plus a range of supporting services and applications

Recommended Specifications
Playout PC: Intel i3 processor, 8GB RAM, 1TB HD, 4 Channel Soundcard, Windows 10 Pro.
Server (optional): Intel Xeon Processor, 16GB RAM, 1TB HD (mirrored), Windows Server 2016 Standard OS, SQL Express 2016 (or higher).
Network Recommendations: 1Gbit dedicated network.

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AutoTrack is used to generate your station's audio output based on the clocks, rules and categories of content. Whether it is 'live assisted' programming or automated output, the job of AutoTrack is to ensure the right content is played at the right time, and that the content played obeys the rules you have set up for your station.

AutoTrack is an innovative music and link scheduling solutions offering a range of tools and facilities to allow you to produce lively, natural sounding 'live assist' and automated program output regardless of the size, nature and format of your station. Based on more than a decade of development, the AutoTrack product range allows you to create music policies, clocks and rules that reflect the sound that you want for your station.

**The AutoTrack Family**

AutoTrack is available in three versions to allow you to select the level best for you.

- **AutoTrack Standard** - Offers powerful scheduling tools using simplified rules. Ideal for community radio stations.
- **AutoTrack Pro** - Flexible rules, powerful tools and in-depth reports make AutoTrack Pro the choice for commercial radio.
- **AutoTrack SE** - SE versions of either Standard or Pro are available for Myriad 5 Playout users.

Confused? We are here to help you select the right version.

Myriad News is designed to offer effective support for the hectic environment of a busy newsroom. With the need to deliver a bulletin every hour, journalists need all the help they can get to deliver exciting and engaging news content for on air and on-line.

**The Myriad News Family**

Myriad News consists of three applications.

- **Myriad News Capture** - Captures text and audio from sources including IRN, INN, Twitter & RSS feeds.
- **Myriad News Edit** - Allows journalists to edit content, add their own stories and compile bulletins.
- **Myriad News Playout** - Helps deliver ‘on air’ news by displaying scripts and playing audio cuts in your bulletin.

Contact our team to discuss your newsroom needs.
The Broadcast Player is a simple, cost-effective platform for adding live streaming and podcasts to your station's website.

- Customise player with your own logo, colour schemes and descriptions.
- Add 'Now Playing' information if you are using Myriad Playout (4 or 5).
- Add 'podcasts' for on-demand content.
- Embed on your website in seconds.
- Works on PC, Mac & ‘mobile’ across all common browsers.
- Wide range of streaming and podcast capacity options available.
- Manage your player and content via online portal.

The AEQ Systel is a screen-driven, multi-line phone handling system designed for studio use. The entry level model offers up to four SIP phone lines and high capacity models are also available. The base unit can also connect to a VoIP handset for talking ‘off desk’ and comes with free call management software.

Whilst the Systel comes with its own software, we are offering all Broadcast Radio customers a free copy of our own Nexus Lite software designed specifically to work with the AEQ Systel system.

www.broadcastradio.com
We offer a wide range of complete studio packages to suit broadcasters of all types and sizes. Whether you are looking for a compact studio for web radio or a full-spec digital solution, we are certain to have a studio package to meet your needs.

**Starter Studio**

The Starter Studio Package is the ideal starting point for anyone wishing to launch a radio station or add a production studio, on a tight budget.

The Starter Package includes a touch-screen Myriad 5 Lite system, a D&R Webstation 6 channel broadcast mixing console, speakers, microphones, headphones, Webstation information screen.

**SR3 Portable Plus Studio**

Secure, self-contained, complete studio package. The SR3 was designed specifically to cater for stations that wanted the convenience of a fixed studio combined with the flexibility of a portable solution. Wheel it in, switch it on and you are ready to make great radio.

The SR3 includes, Myriad 5 Playout, touchscreen PC, SRMv2 mixer, 2 x mic’s, K500 keyboard, speakers, headphones etc.

**SR4 Small Studio**

Our best selling fixed studio. The SR4 combines modern design, usability and advanced features to provide the ideal small broadcast studio package. The SR4 caters for up to four presenters and is available in several colours or traditional wood finish.

The SR4 includes, Myriad 5 Playout, touchscreen PC, SRMv2 mixer, 4 x mic’s, K500 keyboard, speakers, headphones etc.

**UR4 Large Studio**

If you are looking for a cost effective studio that combines high impact visuals with an extremely flexible layout perfectly suited for speech based content, the UR4 is ideal for you.

The UR4 features substantial 'L' shape furniture. This combines with a flexible SRMv2 mixing desk, Myriad 5 Playout software, SmartSign, touchscreen PC, 4 x mic’s, headphones, speakers etc.

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Our top end studio package features a raft of premium features and equipment to provide the ideal studio for serious broadcasters. The package features split digital consoles, premium audio equipment, SmartSign, Myriad 5 Playout, 3 x microphones, touchscreen playout PC, K500, 2 x Mic’s, speakers, headphones, K500 keyboard and more.

The Classic 5 Medium Studio

The Classic 5 Medium Studio Package offers a truly professional radio experience at a cost effective price. By combining a Sonifex S2 mixer with a full Myriad touch-screen system and traditional woodwork, we have put together the perfect entry level professional studio.

The package includes a 15 frame S2, Myriad 5 Playout software, touchscreen PC, K500, 2 x Mic’s, speakers etc.

The UR7 Digital Studio Deluxe

Our top end studio package features a raft of premium features and equipment to provide the ideal studio for serious broadcasters.

The package features split digital consoles, premium audio equipment, SmartSign, Myriad 5 Playout, 3 x microphones, touchscreen playout PC, speakers, headphones, K500 keyboard and more.

Can’t see exactly what you need?

We have more studio package options on our website and all packages can be customised to your needs. Just let us know your requirements.

Custom Studios & Studio Moves

We can also work with you to design, build and install a studio solution that is perfectly suited to your needs. We work with a wide range of equipment suppliers to offer analogue and digital studio solutions and can design custom studio furniture to make the best use of the space you have available.

With more than 20 years experience designing and installing studios and crucially, real world experience actually using studios, we can help you realise your ideal installation.

We don’t just build new studios, our experienced engineers can also help plan, manage and execute moving or re-fitting existing studios and equipment to make sure any move or upgrade project goes without a hitch!

www.brocastradio.com
We have carefully tested broadcast mixers from select manufacturers so that we are able to offer a wide range of mixers suitable for a number of different applications. Click on the links below to explore the solutions offered by each brand.

We searched high and low for the perfect mixer for our small studio packages, something that balanced interaction with Myriad, advanced features and elegant design. When we couldn’t find anything, we designed our own.

Working with Sonifex, we designed the function and layout of the SRM whilst they took care of all the hardwork to make our design a reality. The result is the SRMv2.

AEQ offer a wide range of professional audio equipment including the Capitol IP and Forum IP digital consoles. Both consoles use the DANTE AoIP standard which means they are compatible with over 1000 products from 3rd party suppliers.

We have worked closely with AEQ to add native support for the Capitol and Forum to Myriad 5 Playout.

Sonifex have been innovating radio for more than 40 years and their technology can be found in thousands of radio stations world-wide. Their flagship S2 mixer is one of the most flexible and reliable consoles on the planet. The modular design means that you can design the S2 to meet your needs and maintain or expand as your needs change. The S1 mixer is a smaller fixed format mixer based on the same technology, and of course they build our very own SRM mixer.

D&R offer several mixers aimed at smaller studios or production facilities. Whilst the mixers are physically small and competitively priced, they offer a range of features usually only found on larger consoles.

We particularly like the Webstation & Airlite USB. Both mixers offer a great feature set at a very cost effective price.
Broadcast IT

To support our radio software we also offer a range of specialist PC hardware and peripherals designed to provide you with the best possible platform for your radio software.

We supply:

- Broadcast grade PC workstations
- Audio & data servers
- Professional soundcards & devices
- Software control keyboards
- Hardware I/O devices
- Broadcast networking
- AoIP solutions

Audio & Studio Equipment

In addition to radio software and mixing consoles, we stock and sell a wide range of audio equipment found in radio studios and stations. All of the equipment we sell is technology that we use in our own studio packages or on projects we have undertaken. Basically, unless we can personally recommend it, we don't sell it!

Whether you need a microphone or a digital processor, we have a solution for you that will meet your needs and offer good value for money. We only sell equipment we know and from trusted partners with a proven track record.

You will find a range of equipment is available from our online store for you to purchase directly.

Visit store.broadcastradio.com

Alternatively, get in touch and we will be happy to discuss your needs and make a recommendation. Our team know radio and understand both the technical and creative process which means they will give you a real world solution that works!

Equipment we stock includes:

- Microphones & Accessories
- Headphones & Speakers
- Audio & Mic Processors
- Telephony Solutions
- Stream Encoders & Decoders
- Rack Equipment
- AoIP Products
- Acoustic Treatment Packages
- Audio Switchers & Source Selectors
- CD/MP3 Players & Recorders
- Amps & Distribution
- Studio Furniture & Signage
- Converters & Solution Boxes
- Plus lots more....
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