



The systems partner of choice
for global broadcasters

From design to reality



A woman with blonde hair, wearing a red shirt, is seated at a desk in a control room. She is looking at a computer monitor. In the background, there are several other people working at desks with multiple monitors. The room has a glass partition and a grid ceiling with recessed lights.

From design to reality

TSL was founded in 1986 to assist broadcasters with the installation of television systems. Since then, TSL has significantly broadened the scope of services and expanded the size and complexity of the projects delivered. TSL is an internationally renowned company, recognised for its superior expertise, as well as reputation and its forward thinking, independent values.

The systems partner of choice for many broadcasters worldwide, TSL will help you secure the best system for now and the future.



ISO9001 Accreditation for
Quality Management

From design to reality

Broadcasting challenges, Independent advice

In a rapidly evolving industry, establishing and delivering on agreed performance benchmarks is paramount.



Expertise

TSL is motivated by the needs of the customer. This means achieving a balance between the technical and commercial requirements of each assignment; helping clients to evaluate and integrate leading edge technologies to build the systems that enable the latest techniques in efficient workflow, content management and automation.

Independence

An independent perspective, supported by unequalled experience in the field, means that TSL can turn restrictive budgets and tight deadlines into achievable targets. By sharing this expertise, the results reach beyond engineering and into administration, equipment sourcing, procurement and cashflow management.

Trust

Only an independent mindset can guarantee that all the important decisions about an assignment are made with complete clarity. Independence and integrity breeds trust and where trust exists, projects can be completed faster, more cost-effectively and to higher standards.

Tailored solutions

Working closely with innovative third party manufacturers, yet remaining fiercely independent in its approach to solving problems and meeting customer requirements, TSL develops individually tailored solutions to meet customers' specific needs.

Peace of mind

While a facility may contain thousands of components from a dozen different suppliers, the only interface customers deal with is TSL.

Global clients, Innovative solutions

TSL has built up a unique range of experience using a large team of experts to provide services ranging from consultancy and detailed design through to full installation and integration of TV, audio and broadcast systems.



Sources

OB Vehicles

S.N.G.

V.S.A.T.

Fibre links

Microwave

Satellite links

Broadcasting centre

Scheduling systems

Media asset management

Ingest

Control systems

Comms

News automation

Graphics

Subtitling

Studios

Post production

Playout

Quality control

Audio post production

Browse

Archive

Master control

Central apparatus

Broadcast IT network

Coding & multiplexing

Transcode

Record of transmission

As run log

Dubbing

Distribution

Network sustaining feeds

External contribution

Transmitter

The systems partner of choice for broadcasters worldwide

The broadcasting industry today is facing unprecedented challenges such as new delivery mechanisms, changing business models, evolving technology platforms and environmental constraints.



Deadlines met

Under such constant pressures, broadcasters know that it is critical that their system installations are successfully completed on time and within budget. TSL understands deadlines and delivers on time, all the time.

Expectations exceeded

Balancing the technical and commercial requirements and building a system that incorporates the latest techniques in efficient working practices, content management and automation are exactly the specialist services that TSL provides.

Performance guaranteed

The TSL project teams understand that however complex the assignment, it's all about investing in the future. By offering ongoing support and objective advice to customers, the revenue flow from the project can almost start before it's ready and on-air.

Types of project:

- Multi-language transmission
- Non-linear post production
- Master control and network monitoring
- Digital newsrooms
- Desktop editing and browse
- Content management, media archive and asset management
- Sports and live production
- High definition production
- Outside broadcasting

Types of installation:

- Video and audio systems
- Media server systems and networks
- Media archive technology
- Automation and control systems
- Broadcast data networks and IT systems
- Timecode and sync systems
- Communication systems
- Power and earthing systems
- Control desks and furniture ergonomics
- Monitor stacks and large screen display systems

Our approach – from design to reality



Our locations



Global projects undertaken in:

- Africa
- Asia
- Asia Pacific
- Middle East
- Northern Europe
- South America
- Southern Europe
- UK



TSL has offices in Maidenhead, Marlow and Manchester in the UK, as well as Dubai in the Middle East. With technical as well as commercial staff in all these locations, TSL is perfectly positioned to fulfil a variety of project requirements.

In addition to being based in these regions, TSL regularly utilises temporary premises in other parts of the world to service the various projects being undertaken.

With over 50 full-time employees and more than 2,000 sqm of system build area, TSL has sufficient space to not only pre-build complete systems prior to shipping, but also house full size production vehicles. Whether the project is large or small, complex or simple, the added advantage of access to a trusted pool of contractors guarantees superior results, time after time.

Dubai, Middle East

Dubai is the hub for the Middle East and Gulf regions, which have seen a rapid growth in the broadcast market over the last few years and this looks destined to continue.

The new office provides a base in one of Dubai's Free Trade Zones, reducing TSL's response times to systems opportunities and allows the company to assist in smaller scale systems work for local broadcasters. The office will provide a Middle East base for TSL's Professional Products Group, reducing lead time for deliveries.



Equipment
Performance
Testing Consultancy
& Analysis

Integration
& Software
Configuration

On Site
Installation

Acceptance
Testing

Technical
Documentation

Commissioning
& Training

Professional Products Group

Simplicity, Innovation, Quality, Value

The Professional Products Group draws on over two decades of TSL's international systems integration experience to deliver a range of top-quality products which meet the needs of today's broadcasters. TSL Professional Products Group's range of superior, unique and award-winning range of audio monitoring units, power management units and tally systems can be found in many facilities worldwide.



Audio Monitoring Units (AMU)

With expectations for more dynamic sound in terms of 5.1 audio, multi-language broadcasts, audio description channels and interactive features, TSL has designed a series of AMUs to ensure that audio quality and fidelity are maintained at each stage of the broadcast chain.

Whether you need to check incoming feeds, monitor the integrity of premium surround sound TV channels as they leave for transmission, or listen to a stage manager's cue in the dressing room, TSL's Audio Monitoring Units (AMU) products can help.



Power Management Units (PMU)

In today's cost-conscious and environmentally sensitive world, streamlining maintenance and support teams and minimising energy consumption is a real challenge.

TSL's Power Management Units (PMU) are intelligent, intuitive and already well proven in the global market. They enable systems managers to monitor and control all rackmounted equipment anywhere in the world and to manage power requirements while reducing overall costs.



Tally Systems

TSL has been involved in the design, manufacture and sale of tally systems for more than twenty years and understand the importance of a tally system to production. For cameras in particular, tally systems are crucial because they enable cameramen to know whether a feed is being taken to air and the talent to know which camera is live at any given moment.

TSL's TallyMan interfaces to all known mixers, routers and multiviewers and provides a sophisticated and easy-to-use configuration programme backed by full and comprehensive product support.



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