

DIGITISATION

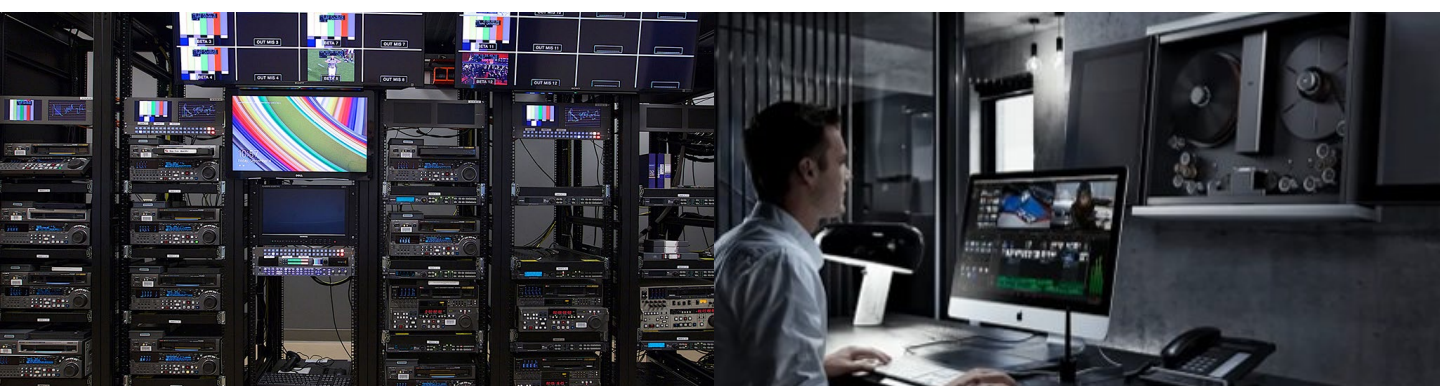
>> In FYM Engineering we develop diverse solutions for the **digitisation** of audiovisual systems and contents, fitting both existing and new infrastructures to current technological standards. Through these solutions, we manage to maintain the historical memory of a country thanks to the preservation of audiovisual content such as film libraries, televisions or other public organisations.

>> Recovery Solutions and Content Digitisation

- Recovery of the original state of audiovisual materials deteriorated or damaged over time.
- Recovery of film supports and their subsequent scanning in 4k resolution.
- Automatic or semi-automatic digital recovery tools.
- Analysis of materials.
- Conversion of all types of analogical or digital tape media.
- File conversions from SD to HD and transcodes to the main digital formats.
- Immediate and simple access to digital libraries of audiovisual files through high-speed internal networks, improving productivity and favouring their transmission when necessary.
- Infrastructure of digital libraries of files installed in security chambers with restricted access by fingerprint or other smart devices.
- Fully scalable solutions adapted to the client's needs.

>> Digitalización de sistemas y procesos

- Conversion of analogical systems adapted to new technologies and digital formats such as the following examples::
 - Recording and trial management systems with remote or fixed control cameras, file libraries with 24/7 access, automatic voice recording and dictation.
 - Broadcasting systems, television and audiovisual installations through Internet Protocol networks (IP).





>> **Signals Monitoring Centres**

- Digital infrastructure for capturing, analysing, monitoring and storing any type of analogical or digital signals.
- Leading technology in signal management and processing, guaranteeing the quality of reception, processing and storage of files.
- TV, Radio and Social Media monitored for the supervision of compliance with local laws on sensitive content, age range, etc.
- Analysis of the different signals by artificial intelligence, through software specifically developed according to the client's requirements.
- Library storage of digital files and servers for immediate access to any content captured.
- Video wall infrastructures personalised and appropriate to each project.
- Fully scalable solutions at any time by being based on network engineering.

>> In FYM Engineering we take care of providing the necessary tools so that our clients can take advantage of our digitisation solutions in the most efficient way, once in operation.

- Design of workflows that we integrate into different online environments or organisations.
- Advice, cataloguing and indexing of the contents.
- Management of access permissions in network infrastructures through defined users.
- Design of specific software according to the project to be carried out, such as the creation of applications for online access to content stored in libraries.

>> In addition, FYM Engineering offers in its projects a maintenance service of the systems installed along with a continuous training program for operators, engineers and workers, for a period of one year from the execution of the project, thus guaranteeing the proper functioning of the infrastructure until the client can manage it smoothly.