

PRESS PACK

# MEMORIST

HERITAGE & BEYOND

FIRST CENTRE  
OF SKILLS FOR  
THE CONSERVATION,  
THE RESTORATION,  
THE DIGITISATION  
AND THE SHARING  
OF HERITAGE





## MEMORIST TARGETS EXCELLENCE IN THE FIELD OF CONSERVATION OF HERITAGE IN THE WORLD



The MOBILITAS group has brought together five leading players to create MEMORIST, the first skills centre for :

**Conservation** : MEMORIST offers strategic support to holders of heritage collections of all kinds, to establish targeted action plans.

**Restoration** : MEMORIST traditionally restores all types of ancient documents (parchments, bundles, covers, iconographic documents, film media, etc.) and contemporary documents (administrative documents, audiovisual and film media), in order to prolong their life and restore their appearance which may have altered over time.

**Digitisation**: MEMORIST digitises paper, iconographic, audio, video and film documents in 2D, and sculptures, monuments and historic sites in 3D, for the purposes of conservation and distribution to different audiences.

**Sharing and communication** : MEMORIST facilitates the enhancement of heritage, whether this is historical, documentary or architectural, by relying on a perfect mastery of digital and immersive technologies.

MEMORIST boasts unique know-how which is undeniably recognised in the

French market, as well as being resolutely international in scope and part of a group with a presence in more than 100 countries.

Its 300 experts deploy their know-how in France and abroad to support museums, public institutions, private companies and NGOs.

The combination of craftsmanship techniques and innovative technologies supported by human talent means that we can implement tailor-made solutions or large-scale projects.

MEMORIST's achievements in France include the restoration of royal parchments and papal bulls from the X<sup>th</sup> century, the 3D digitisation of the Victory of Samothrace at the Louvre museum, the management and preventive conservation of Renault's heritage collections, the exhaustive digitisation of Mont-Saint-Michel abbey and Notre-Dame de Paris and an immersive experience at the Musée d'Orsay using a virtual reality system.

On a far larger scale, MEMORIST has deployed its know-how in Switzerland (UN, TAG Heuer), South Africa (Jagger Library), Kuwait (Ministry of Information), Austria (National Library) and the UNited Arab Emirates (Louvre Abu Dhabi).

**PRESS CONTACT**

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# MEMORIST

## HERITAGE & BEYOND

The MOBILITAS Group has brought together five key players to create MEMORIST, the first centre of expertise for conservation, restoration, digitisation and the sharing of heritage.

MEMORIST offers a unique service, created by combining five players who are experts in heritage conservation, restoration, digitisation and transmission: Arkhênum, Art Graphique & Patrimoine, La Reliure du Limousin, TRIBVN Imaging and Vectracom.

Through a combination of craftsmanship techniques and innovative technologies, mastered by expert and passionate teams, MEMORIST offers a complete arsenal of know-how to enhance the value of heritage, whether tangible or intangible, paper, photos, audiovisuals, film, equipment or buildings.

3D digitisation of the Victory of Samothrace, 2D digitisation of Chinese scrolls and drawings from

the Pelliot collection at the Bibliothèque nationale de France, creation of the first virtual tour of the Oriental Antiquities department at the Louvre.

MEMORIST supports museums, cultural institutions, private companies and NGOs, in France and abroad, in the conservation, restoration, digitisation and sharing of their collections, in order to perpetuate the wealth of humanity's heritage.

Its stakeholders have worked with the Louvre, Notre-Dame de Paris, Moët & Chandon, Renault, the UN, the Holocaust Memorial Museum in Washington, etc.

See MEMORIST'S presentation video by clicking on this link: [www.thememorist.com/video](http://www.thememorist.com/video)

### The five expert companies of MEMORIST

**The MOBILITAS Group**, specialising in the mobility of goods and people, physical and digital archiving and, today, the digital conservation of heritage, is present in more than 100 countries and has more than 5,500 employees. The 'long term' reflects its philosophy and culture, and guides its major business and investment decisions. Decisions that regularly shape and strengthen the group as it moves towards new processes, new businesses and new horizons .

**Arkhênum:** a leader in digitisation and heritage enhancement, Arkhênum helps to shed light on the past and preserve what exists so that history can be passed down to future generations. From archive audits to collection development consultancy, Arkhênum supports its clients at every stage in the development and deployment of their heritage strategies. With the largest technology park in Europe, Arkhênum digitises all types of media, from the simplest to the most complex, whatever their format, material or state of preservation.

**Art Graphique & Patrimoine:** from laser scanning to 3D digitisation, from 3D modelling to augmented and virtual reality, AGP offers its innovative approach dedicated to art and historic monuments, for museums, institutions and businesses. Thanks to its R&D department, which specialises in architectural and archaeological surveying, in 2009 it developed the first mobile augmented reality prototype for the reconstitution of decors.

**La Reliure du Limousin:** since its creation in 1950, the company has been restoring precious works from the libraries of the Senate and the National Assembly, then those of the Departmental and Municipal Archives. From the restoration of old collections to craftsmanship binding, it does everything in its power to expertise, conserve and restore the written collections of our past. In 1990, La Reliure became a training centre for heritage crafts. La Reliure has been a Living Heritage Company since 2010.

**TRIBVN Imaging** carries out digitisation of all types of photographic documents (glass plates, cellulose nitrates, cellulose acetates, polyester, etc.), images of graphic documents (drawings, tracings), images of textiles and accessories, creation of "high-performance" digitisation systems for projects requiring them, photogrammetric images, preventive conservation (reconditioning on permanent paper, polyester sleeves, cleaning).

**Vectracom** specialises in the preservation, digitisation, enhancement and accessibility of audiovisual and film heritage. With a multimedia laboratory, it offers comprehensive services including metadata creation, film remastering and image and audio restoration. Thanks to its expertise in subtitling, voice-over, sign language and audio description, Vectracom can handle any existing audiovisual format.





**FOUR  
EXCEPTIONAL PILLARS  
MAKE MEMORIST  
A UNIQUE CENTRE  
OF SKILLS,  
DEVOTED TO  
ENHANCING  
THE HERITAGE:**

- **PRESERVE**
- **RESTORE**
- **DIGITISE**
- **COMMUNICATE**

## PRESERVE

**MEMORIST OFFERS STRATEGIC SUPPORT TO HOLDERS OF HERITAGE COLLECTIONS OF ALL KINDS, TO ESTABLISH TARGETED ACTION PLANS.**

### EXPERTISE

### ORGANISATION

### PREVENTATIVE CONSERVATION

From the simplest collections to the most complex and varied, historians and archivists are analysing the traces of a very specific heritage in order to determine the actions needed for its conservation.

Strategic audits are first used to outline the project: they range from an inventory to conservation advice, via a heritage strategy.

MEMORIST organises and inventories collections to facilitate their analysis. This archiving assignment enables us to organise a virtuous dialogue between researchers and institutions, but also to prepare any digitisation or conservation work in the best possible way. It involves analysing and managing the environment, risk factors, handling, storage and presentation conditions.

MEMORIST can then proceed with the preventive conservation phase, which aims to preserve the physical media. It includes dust removal, testing (identification of inks and adhesives), scrubbing of heavy soiling and withdrawal or sampling for microbiological analysis. Together with the inventory and reconditioning procedures, it is an essential component of collection management.

These measures are indirect, they do not interfere with the materials and structures of the items and do not change their appearance.



## RESTORE

**MEMORIST TRADITIONALLY RESTORES ALL TYPES OF ANCIENT DOCUMENTS (PARCHMENTS, BUNDLES, COVERS, ICONOGRAPHIC DOCUMENTS, FILM MEDIA, ETC.) AND CONTEMPORARY DOCUMENTS (ADMINISTRATIVE DOCUMENTS, AUDIOVISUAL AND FILM MEDIA), IN ORDER TO PROLONG THEIR LIFE AND RESTORE THEIR APPEARANCE WHICH MAY HAVE ALTERED OVER TIME.**

**RESTORATION OF  
HERITAGE COLLECTIONS**  
**RESTORATION OF PERIOD COVERS**  
**HANDCRAFTED GILDING**

Each document has undergone successive periods of restoration and has its own particularities that need to be carefully studied. These restoration professions are based on a passion for gesture, materials and transmission. Our eyes and hands work as one to conserve the precious emblems of our civilisation.

MEMORIST restores old collections (registers, archives, photographs) and figurative documents (plans, tracings, engravings, cadastral maps, posters), as well as antique bindings and gilding.

The combination of MEMORIST's know-how, high technology and traditional methods means that we can explore innovative solutions that are tailored to your needs, always using totally reversible processes.

Restoring parchment documents requires a very specific technique. They come in a variety of formats, are sometimes inadequately packaged and are often fragile and consequently damaged. Each document is first analysed by the restorers to establish a precise diagnosis of the nature of the components and the causes of their deterioration. The parts must then be placed in controlled humidification conditions to enable them to be laid flat.

Finally, MEMORIST's experts carry out partial or complete restoration of the work, using a wide range of Japanese papers and adhesives. They take into account the composition, grammage, colour and type of inks used, in order to respect the original work as closely as possible.





## DIGITISE

**MEMORIST DIGITISES PAPER, ICONOGRAPHIC, AUDIO, VIDEO AND FILM DOCUMENTS IN 2D, AND SCULPTURES, MONUMENTS AND HISTORIC SITES IN 3D, FOR THE PURPOSES OF CONSERVATION AND DISTRIBUTION TO DIFFERENT AUDIENCES.**

**2D DIGITISATION**  
**3D DIGITISATION**  
**AUDIOVISUAL/FILM**  
**TAILORED SOLUTIONS**

Today, digitising our heritage is a highly relevant solution for improving the implementation of heritage restoration, management and enhancement projects.

This cutting-edge technology makes it possible to reproduce the morphological complexity of documents (postcards, architectural plans, archives, prints), objects (archaeological finds, haute couture and jewellery collections) and historic architecture (cathedrals, museums, archaeological sites).

MEMORIST is also working to preserve our heritage by producing digital twins. There are multiple aims: to inform, to raise awareness, to arouse emotions, but also to stimulate cultural visits and enhance the richness of our heritage.

MEMORIST's primary concern is the faithful reproduction of the graphic quality of the document, object or site. Its teams of experts are skilled at processing, digitising and reproducing all types of materials and objects, whatever their size or period. Its fleet of scanners is also the largest in Europe, adapted to a wide variety of formats and media, from postage stamps to archaeological sites.

An extensive fleet of equipment enables Memorist to deploy customised digitisation workshops in the four corners of the world, within very tight deadlines. Thanks to its peripatetic trainers, local teams are trained in heritage digitisation techniques.



## COMMUNICATE

**MEMORIST FACILITATES THE ENHANCEMENT OF HERITAGE, WHETHER HISTORICAL, DOCUMENTARY OR ARCHITECTURAL, BY DRAWING ON A PERFECT MASTERY OF DIGITAL AND IMMERSIVE TECHNOLOGIES.**

### VIRTUAL/WEB VISIT

### CULTURAL POPULARISATION

### CONTENT CREATION

### MUSEOGRAPHY

### ADAPTATION AND ACCESSIBILITY OF AUDIOVISUAL CONTENT

Today, the dissemination of digitised collections is a formidable means of providing access to culture and significantly democratising access to works.

The popularisation tools proposed by MEMORIST allow us to renew and enrich our popularisation programmes, crossing the boundaries of reality while respecting the educational aspect. They are responsible for communicating the richness of our heritage to a targeted audience in an innovative way.

Films, augmented reality applications, escape games and immersive experiences are produced in computer-generated images, based on scientifically accurate 3D historical models and reconstructions, to give visitors a complete understanding of our heritage.

MEMORIST also endeavours to recount stories in all their complexity, by producing event books, historical chronicles and oral archives.

Historians and archivists produce an analysis based on historical sources, made up of texts, photos and digitisation of key documents. The wide range of media used means that the reconstructed story can be mapped out.

There are many aims: to reconstruct the history of a generation, a monument or an institution, pass on know-how, perpetuate old techniques and help to pass on the collective memory.







**MEMORIST'S FIVE COMPANIES  
CONSTITUTE  
A UNIQUE CENTRE  
OF SKILLS.**

**MEMORIST IS STRONG  
IN THE ALLIANCE  
OF KNOW-HOW  
HIGH ADDED VALUE, OWNED BY  
LEADING FRENCH BRANDS IN  
CONSERVATION, RESTORATION,  
DIGITISATION, ETC  
AND SHARING HERITAGE.**

- 🕒 ARKHÊNUM**
- 🕒 LA RELIURE DU LIMOUSIN**
- 🕒 TRIBVN IMAGING**
- 🕒 VECTRACOM**
- 🕒 ART GRAPHIQUE &  
PATRIMOINE**



**ARKHÊNUM**  
RÉVÉLATEUR D'HISTOIRES

**Arkhênum was created in Bordeaux in 1999, and over the years has become Europe's leading digitiser and developer of cultural and industrial heritage.**

**Laurent Onaïnty**  
Managing Director

**80**  
scanners  
covering all types of formats  
and media

**+ 1 200**  
clients

**18 000 000**  
of digitised pages per year

**80**  
employees

As a leader in heritage digitisation, Arkhênum is helping to shed light on the past and preserve what exists so that history can be passed on to future generations. Arkhênum supports its clients at every stage in the development and deployment of their heritage strategies, from archive audits to advice on how to make the most of their collections.

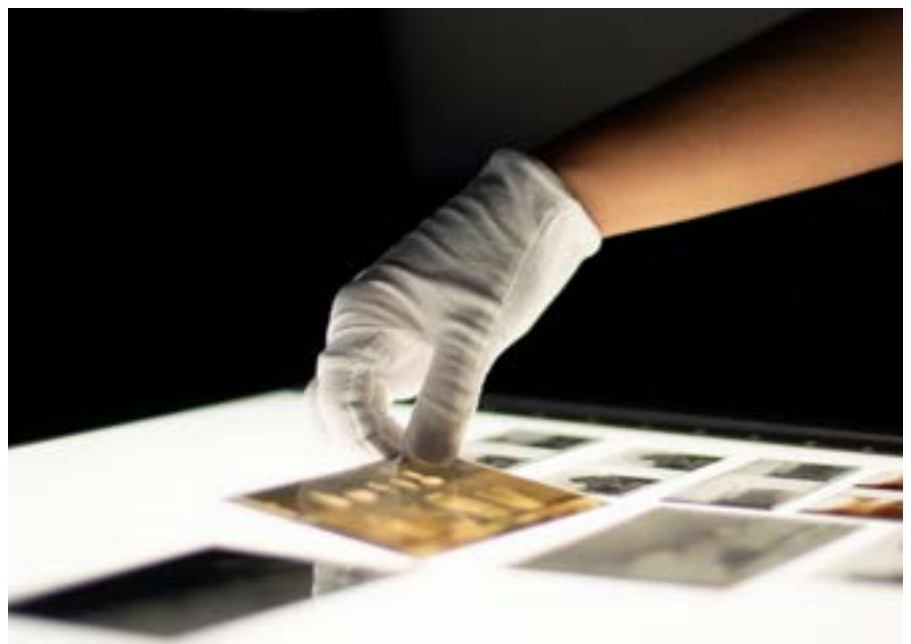
With the largest technology park in Europe, Arkhênum digitises all types of media, from the simplest to the most complex, whatever their format, material or state of preservation.

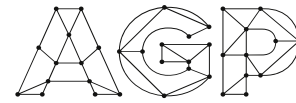
Arkhênum supports cultural establishments, international organisations and businesses in implementing digital solutions.

Throughout the project, the Arkhênum teams offer a turnkey service, from the design stage through to technical and graphic production and online publication.

Arkhênum carries out its services in its workshops or directly at its clients' premises, on all types of collections: paper, iconographic and audiovisual archives and even objects.

References : ONU, Renault, Institut national d'histoire de l'art, Sciences Po, Institut national de la propriété industrielle, Essilor...





**Art Graphique  
& Patrimoine.**

**Founded in 1994, AGP is the French leader in 3D digitisation of historic monuments, built heritage, works of art and collections of heritage objects.**

**Yann Le Prado  
Managing Director**

**15**  
professions mastered

**100**  
projects per year

**+ 3 000**  
digitised works of art and  
historical monuments

**30**  
permanent employees

From laser scanning to 3D digitisation, from 3D modelling to augmented and virtual reality, AGP offers its experience and innovative approach to art and historic monuments, for museums, institutions and businesses.

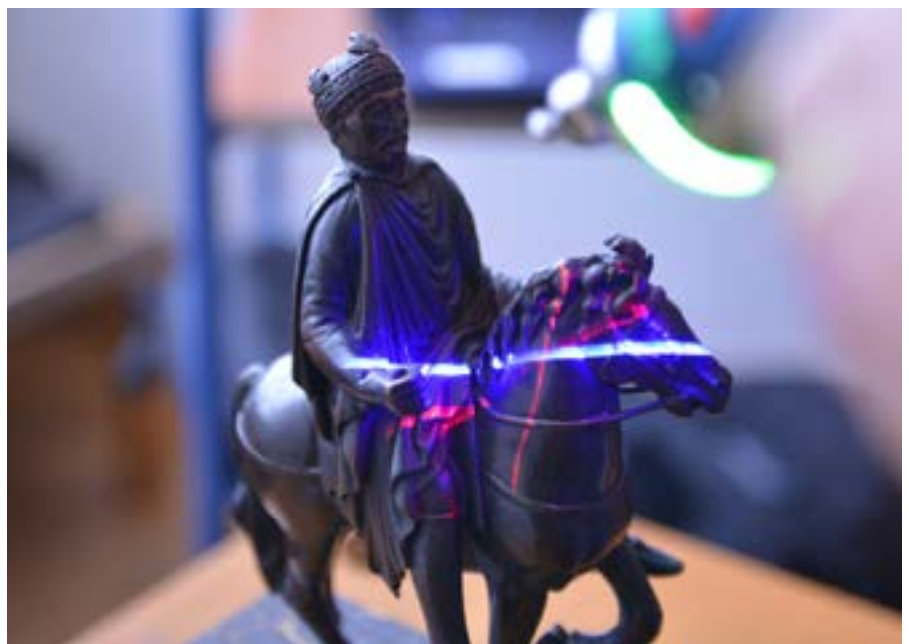
Its R&D department, which specialises in architectural and archaeological surveys, has contributed over the years to the development of digital techniques to conserve and enhance our heritage.

As a pioneer in augmented reality, AGP developed the first mobile AR prototype in 2009 for the reconstruction of the decor of Charles V's study at the Château

de Vincennes. Since then, it has produced mobile applications and VR experiences which have won international awards.

AGP has collected more than 2,500 prestigious references in France and abroad. Today, it is regarded as one of France's leaders in its field.

References : Krak des Chevaliers, Mont-Saint-Michel Abbey, Notre-Dame de Paris, the city of Palmyra in Syria, the Louvre Museum, the Louvre Abu Dhabi, the Pont du Gard, the Nîmes Amphitheatre...





Founded in 1950 with 60 craftsmen specialising in restoration, La Reliure du Limousin is France's leading workshop for the conservation of written heritage.

**Théophile de Bonnaventure**  
Managing Director

**95**  
departments  
regularly trust it

**1,000**  
clients per year

**6,000**  
references

**60**  
craftsmen trained  
in craftsman techniques

Once founded in 1950, the company was entrusted with the restoration of precious works in the libraries of the Senate and the National Assembly.

The early 1980s marked a major turning point, with the company specialising in the restoration of archival documents and extending its services to departmental and municipal archives.

La Reliure du Limousin does everything in its power to expertise, conserve and restore the written collections of our past, from the restoration of old collections to traditional binding.

In 1990, La Reliure became a training centre and since 2022 has included an apprenticeship programme for young people looking for a craft profession in the service of heritage.

La Reliure has been a living heritage company since 2010.

References : Versailles, musée du quai Branly, Muséum national d'Histoire naturelle, Archives nationales d'outre-mer, Ministère des Affaires étrangères...





Founded in 1988, TRIBVN Imaging specialises in high-definition, faithful digitisation of exceptional documents (graphic and photographic collections, objects and textiles).

**Pierre Hauri**  
Managing Director

**15,000,000**  
of digitised photos since 1988

**115 tonnes**  
of treated glass sheets  
since its creation

**over 2,500,000**  
of phototypes digitised for  
the National Geographic Institute

**12**  
employees

TRIBVN Imaging carries out digitisation and conservation work for public authorities and private companies. This work involves old documents, phototypes and manuscripts which reflect our historical heritage.

TRIBVN Imaging also carries out photogrammetric 3D scanning of objects and shots of textile parts.

Digitisation work can be carried out at our Châtillon site but also at our clients' sites.

The company also offers document cleaning (glass plates, flexible phototypes), reconditioning of originals (permanent paper, polyester sleeves, etc.) and identification using barcode labels. It designs and implements dedicated production tools for the most demanding projects.

References : AFP, Centre Pompidou, Richemont, LVMH, Kering, Swatch Group, musée Yves Saint Laurent, French Ministry of Ecological Transition etc.







Founded in 1991, Vectracom specialises in the conservation, digitisation, enhancement and accessibility of audiovisual and film heritage. The mastery of this know-how means it can handle all audiovisual and film formats.

**Martin de Survilliers**  
Managing Director

**An unrivalled fleet of machines, since the company has all the audio, video and film equipment that existed**

**over 1,000**  
clients

**over 2,000,000**  
hours of digitised audiovisual and film content

**30**  
employees

Vectracom offers services in the digitisation of content, digital preservation and the creation of metadata, thereby contributing to the curative preservation of audiovisual and film heritage.

Vectracom is also involved in content accessibility (subtitling, voice-overs, audio description and French sign language), film remastering, and has a multimedia laboratory (digitisation from all types of media, colour grading, image and audio restoration, etc.).

Vectracom has already spread its wings internationally, particularly in the Middle East (Saudi Arabia and Kuwait), North Africa (Tunisia and

Morocco) and all the French overseas territories. For Belgium, Switzerland and Ireland, as well as Singapore, the tapes to be digitised have been sent to Vectracom's head office.

The company also sets up on-site workshops with its own equipment and trains experts locally.

References : INA, BnF, TFI, Arte, Groupe M6, France Télévisions, CNRS, Dior, OECD, Montreux Jazz Festival, RTS, BELSPO, MEEMOO, Singapore National Archives, etc.





**MEMORIST  
SUPPORTS MUSEUMS,  
PUBLIC INSTITUTIONS,  
PRIVATE COMPANIES,  
NGOS,  
TO PERPETUATE  
THE WEALTH  
OF THE HERITAGE  
OF HUMANITY.**

**HERE ARE FOUR  
FLAGSHIP PROJECTS  
ACHIEVED BY MEMORIST  
COMPANIES:**

- 🕒 LOUVRE ABU DHABI**
- 🕒 JAGGER LIBRARY**
- 🕒 MINISTRY OF  
INFORMATION OF KUWAIT**
- 🕒 UN**
- 🕒 TAG HEUER**

## LOUVRE ABU DHABI

### A creation in The United Arab Emirates

The Louvre Abu Dhabi Museum wanted to conserve a digital archive of its collection and enhance the value of its works of art using in situ digital tools.

In particular, the museum wanted to be able to show some of the works in its collection virtually, in the form of interactive 3D animations that the public could handle in real time.

We digitised many of the works in the collection using lasergrammetry and photogrammetry before exhibiting the works in the museum. Each work has been reconstructed down to the last detail in a 3D model faithful to the original.



## JAGGER LIBRARY

### A project in South Africa

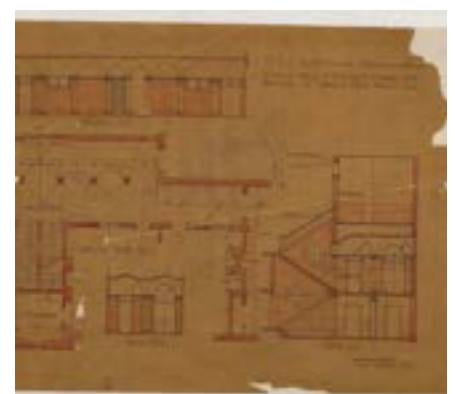
A fire ravages the Jagger Library in April 2021. The teams on site prepare to organise the conservation of the collections, thanks to volunteers and members of civil society. Spontaneous donations are collected from companies and communities around the world. The collections are taken to safety but the loss is great... An inventory begins.

MEMORIST offers its French experts to carry out this assignment and set up two on-site workshops, including a restoration workshop staffed by four completely new people recruited locally.

These talented craftsmen have been trained in exceptional know-how: preventive conservation, flattening, full lining with Japanese papers and natural adhesives. This restoration work meant the entire collection could be digitised, despite the fact that the documents had extremely deteriorated.

Archivists, restorers and heritage digitisation professionals worked together on this project.

Below is an example of the plan before and after the restoration work.



## MINISTRY OF INFORMATION OF KUWAIT

### A project in Kuwait

The government of Kuwait was looking for a trusted partner to digitise its audiovisual collection.

MEMORIST responded to the call for tenders in 2017.

This contract is the largest audiovisual digitisation contract ever awarded in the world. And MEMORIST was selected in 2018.

MEMORIST offers its French experts to carry out this task and set up on-site workshops to identify all the media, add a unique barcode and create a database.

The result: ten operators for six months before digitisation to carry out the cataloguing and one hundred and seventeen people for three and a half years to carry out the digitisation.



## UNITED NATIONS ORGANISATION

### A project in Switzerland

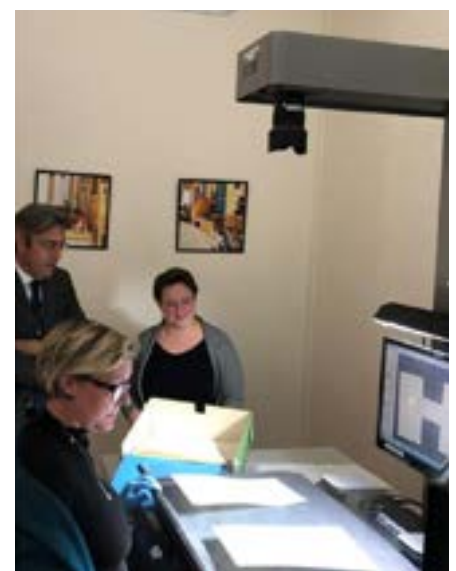
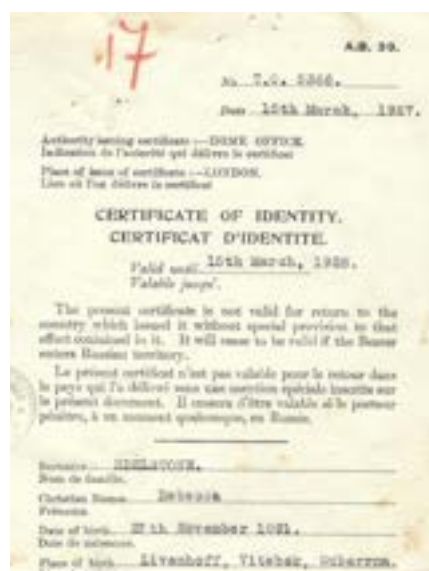
The UN in Geneva is the repository of the archives of the League of Nations, which operated from 1919 to 1946.

Its archives, spanning three linear kilometres, are an invaluable source of information on multilateralism. To preserve this heritage, in 2017 the UN decided to digitise these archives so that they could be made accessible to everyone on the Internet.

To carry out this 14-million page digitisation project, UNOPS launches

a public invitation to tender on behalf of the UN and has selected MEMORIST.

A complete digitisation workshop has been set up on site at the Palais des Nations, with a six-strong production team and production tools for digitising all types of collections up to large formats (maps and plans). The result is a heritage digitisation project to be carried out over four years (2018-2022), completed on time and on budget.



## TAG HEUER

### A project in Switzerland

Signature of an inventory and digitisation contract for the company TAG Heuer, based in La Chaux-de-Fonds, Switzerland.

All the archives have been transported and are securely stored under suitable temperature conditions. They are made up of archives of inestimable historical value to society. Historical archives, photos, catalogues and press reviews : all these documents, which reflect the brand's DNA, will soon be available to TAG Heuer teams.

The work began with a pre-inventory, during which all the first-level information appearing on the original containers was digitised and analysed in order to form the basis of the documentary information needed for their usage.

All the pages of text, catalogues, photos and dials have also been digitised and all the originals will be reconditioned for long-term archiving once they return to Switzerland.





**CONTACT**

**MEMORIST**

**HERITAGE & BEYOND**

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