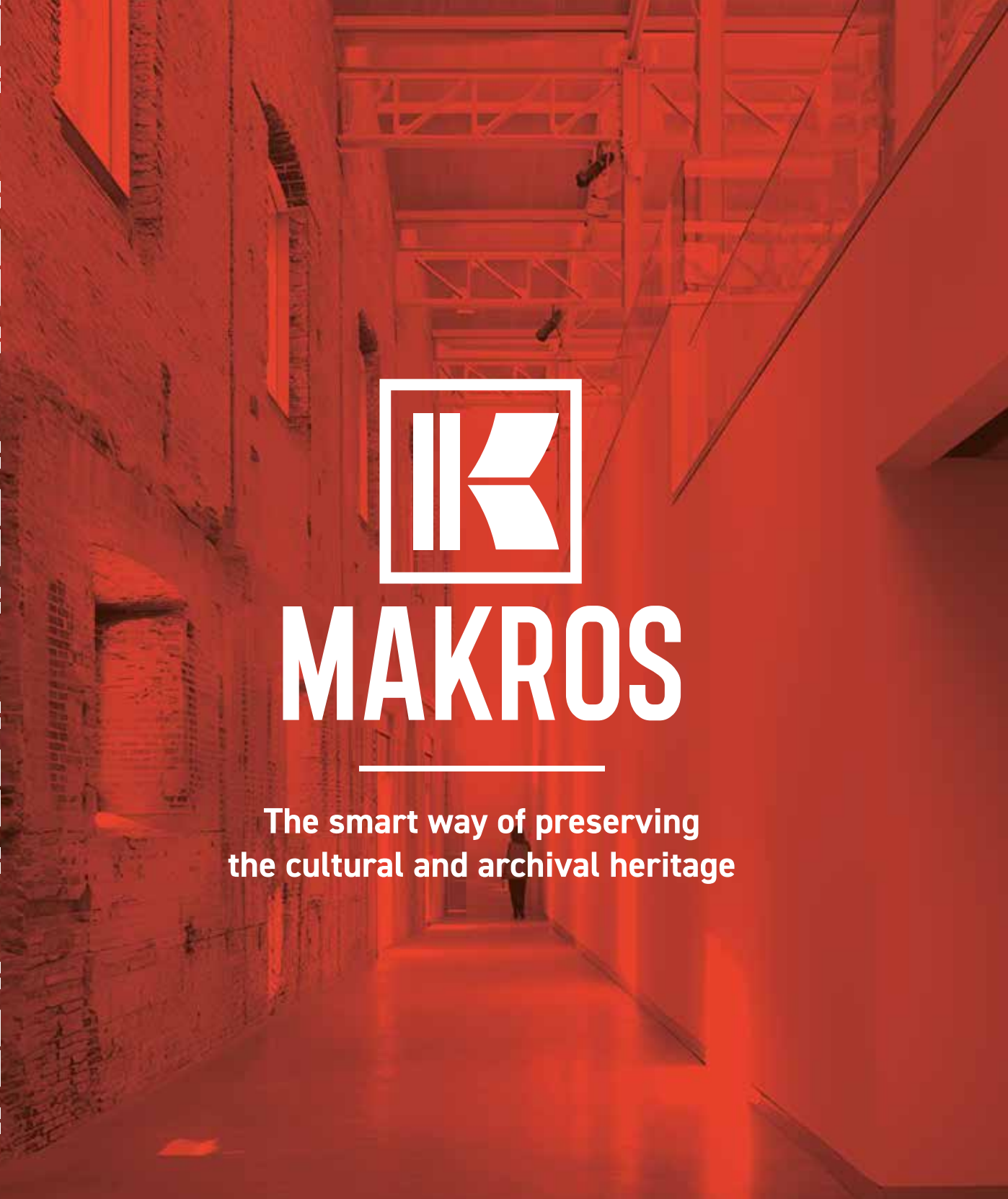




MAKROS

Company profile



MAKROS

The smart way of preserving
the cultural and archival heritage

Who are we

Founded in 2011 by Massimo Luise, an expert in archival systems, the company was born out of the innovative idea of protecting paper assets stored in archives from the risk of fire.

The first patent for fire protection is Blockfire: it was registered in 2011, followed by six others for safeguarding against water and bacteria - the main causes of paper deterioration. These patents, combinable with each other, are registered in Europe, Turkey, China, the United States and Canada.

Today, Makros also deals with the defense of artistic heritage, such as paintings and furnishings. Heritage often confined in storage, where it is important to equip oneself with archiving systems.





What we do

Makros has invented Blockfire®:

MAKROS has invented Blockfire®: the first fire-resistant storage system, certified and patented, designed to resist fire.

In the event of a fire, the modules - protected by heat-reactive insulating materials and special seals - compact and form a large container capable of ensuring the perfect preservation of the contents.

It does not require external extinguishing systems.

Heritage conservation

Respect · Preservation · Future

Our brand's DNA sinks its roots in a deep respect for cultural heritage. We engage ourselves in preserving the past, in protecting the present and in guaranteeing the beauty and knowledge retained in books and art pieces for the future generations.





Protection and vigilance

Attention · Safeguard · Precious Goods

We consider ourselves the unwavering keepers of our customers' treasures. Our engagement for vigilance and the attention to details are the cornerstone of our brand.

Leadership in innovation

Technology · Vanguard · Security

Technology and innovation are the driving force of our brand. We adopt vanguard solutions to grant the most advanced and effective safety measures. We constantly push the boundaries of what is possible for the protection of books and art pieces.

Commitment to excellence

Devotion · Protection · Growth

Our brand is defined by a commitment to excellence. We never settle for anything less than the highest standards of safety and protection. Our team is dedicated to continuous improvement and setting benchmarks in every area of our field.

Research and development



Makros relies on a Technical-Scientific Committee that, guided by an internal manager, oversees and directs Research and Development activities.

This committee is composed of biologists, mathematicians, professionals with proven experience, and university professors.

The solutions proposed by Makros are advanced in terms of technology and information technology, designed for the preservation, access, and usability of archival, cultural, and artistic heritage in its various forms.

Products



BLOCKFIRE® is a sliding storage system that ensures passive fire risk protection for materials stored within the archive.

BLOCKFIRE® is a tested system that reduces the fire load of the materials contained within it to zero, eliminating the need for automatic extinguishing systems in archive rooms.

BLOCKFIRE® has several variations listed below.

FLUXFIRE

Fluxfire is a storage system featuring hinged doors: designed for confined spaces where it is not possible to install a compactable system, it offers the advantage of maintaining unaltered fire protection.

SAFELIBRARY

Safelibrary is specifically designed for libraries and consultation areas, where it is necessary to have open aisles to allow users to access the internal works or books. During times and contexts not intended for public opening, the shelves can be closed and sealed, allowing the spaces to be used for other purposes.



Products



Block Bacteria is designed to prevent damage from fungal proliferation.

It is a sliding storage system designed to ensure the maintenance of aerobiological preservation conditions, protecting and securing materials stored in the archive to preserve them from fungal proliferation.

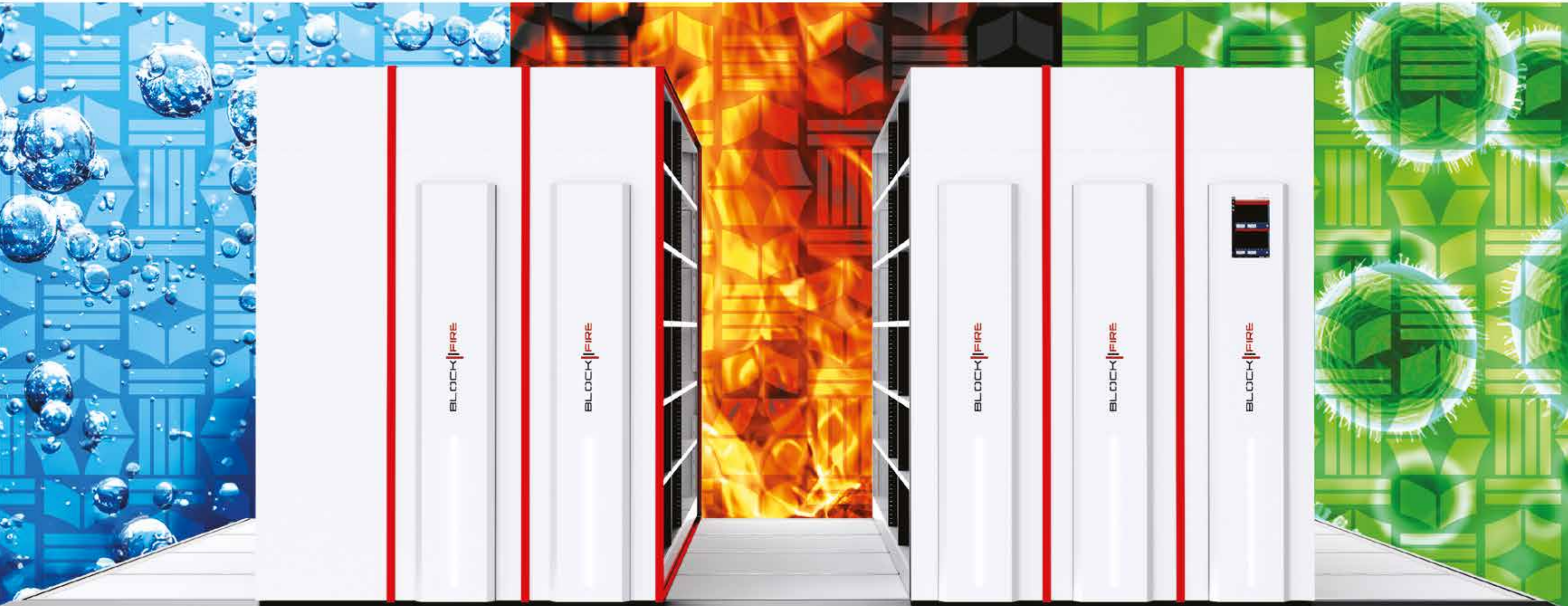
The system relies on dedicated software (ACS) that, thanks to state-of-the-art mobile sensors, receives, analyzes, and matches data related to temperature, humidity, exceeding threshold levels specific to the type of materials contained. It simultaneously activates the most appropriate remedies to preserve the content.

Block Bacteria can be integrated with the Blockfire system to combine the protection against both fire and bacteria.



Block Water is a compactable storage system designed to ensure specific protection against water damage, ranging from simple infiltrations to floods.

It can be integrated with the Blockfire and Block Bacteria systems to combine protection against fire, water and bacteria.



Advantages

- All our installations are carried out with attention to the characteristics of the environment to be set up - size, presence of any humidity, presence of light - and its specific needs.
- The internal components are designed considering the measurements of the objects to be preserved, whether they are documents, books, paintings, sculptures, or furnishings.
- Being tested passive protection systems, they do not require the installation of automatic extinguishing systems, saving on associated costs and maintenance.
- Our products are made with materials free from hazardous and carcinogenic substances, making them safe for operators who handle them and for those who use them.
- Without welds, they are dismantlable and reassemblable in other spaces. Hence, they are reusable.



Our Clients

Among our clients in Italy and abroad are institutions such as municipalities, provinces, regions, museums, state archives, ministries, universities, courts, libraries, banks, foundations, ecclesiastical institutes, and private entities.

Some places hosting our systems include:



Polytechnic University of Turin, Italy



Museum & Historical Archive of Bordeaux, France



Court of Turin, Italy



University of Genoa, Italy



The Revenue Agency of Arezzo, Italy



Military School of Cecchignola, Rome, Italy



Polytechnic University of Milan, Italy



Bank of Italy, Rome, Italy



Max Planck Institute of Art History, Florence, Italy



Rami Library, Istanbul, Turkey





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Firebreak Archiving Solutions

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