



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.





What we do

Makros has invented Blockfire®:

the only 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.

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. We are relentless in pursuing the safeguard of precious goods.

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

Innovation and technology are the driving force behind our brand. We adopt cutting-edge solutions to provide the most advanced and effective security measures. Our team is dedicated to continuous improvement and setting benchmarks in every aspect of our industry.

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 consists of a network of external professionals from various disciplines, including architects, designers, physicists, engineers, biologists, 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® presents various versions, as 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 high-traffic libraries where it is necessary to keep all aisles open for users during operating hours and then close and seal shelves when not in use, allowing the space to be used for other purposes.



Products



Block Bacteria 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.

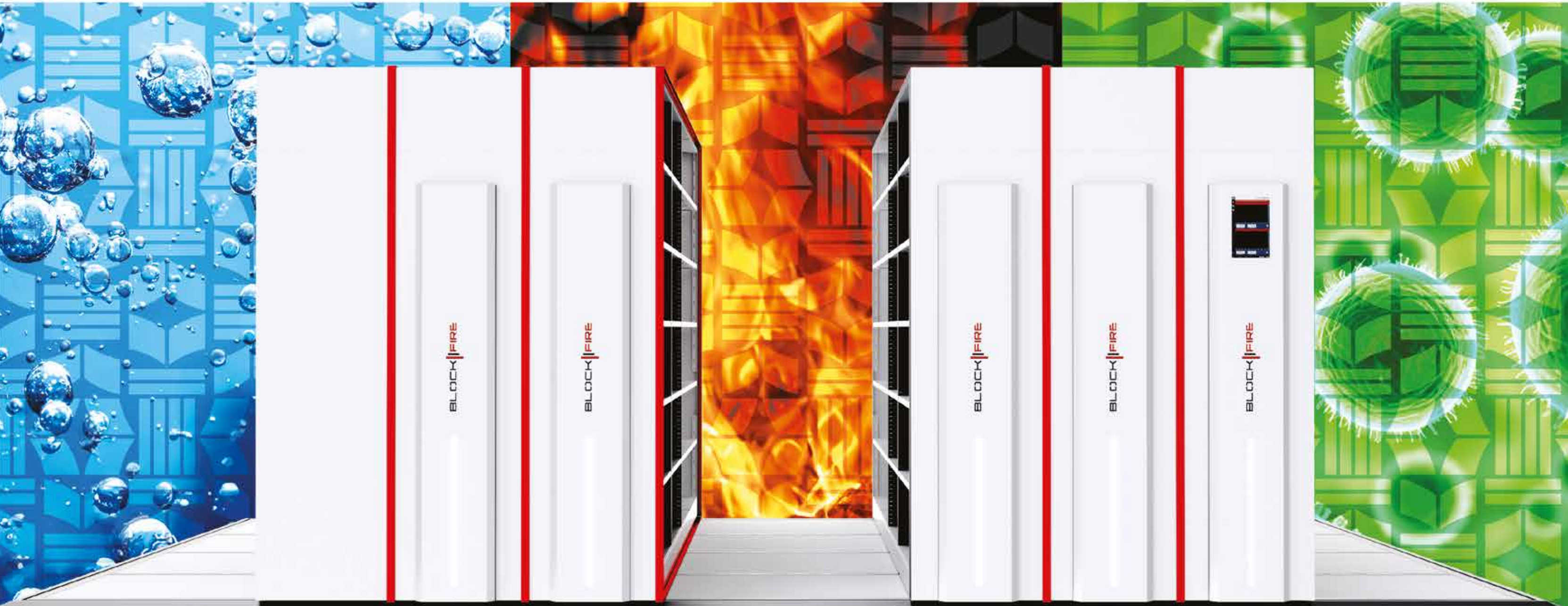
The system relies on dedicated software (ACS) that, thanks to state-of-the-art mobile sensors, receives, analyzes, and matches data related to temperature, humidity, exceeding threshold levels specific to the type of materials contained. It simultaneously activates the most appropriate remedies to preserve 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 products are proposed as a turnkey solution, customized based on the specific measurements of the premises to be set up and the type and quantity of content to be preserved.
- Internal components are specially designed, taking into account the dimensions of the items to be preserved (documents, books, paintings, sculptures, furnishings).
- As tested passive protection systems, they avoid the installation of an automatic extinguishing system, resulting in savings on related installation and maintenance costs.
- They are made with materials free of hazardous and carcinogenic substances, ensuring safety for both operators handling them and end-users.
- Since they do not have welds, they can be disassembled and reassembled in other locations.



Our Clients

Among our clients in Italy and abroad are institutions such as Municipalities, Provinces, Regions, Museums, State Archives, Ministries, Universities, Courts, Libraries, Local Health Authorities, Banks, Foundations, Ecclesiastical Institutes, and Private entities.

Some places hosting our systems include:



Polytechnic University of Turin



Museum & Historical Archive of Bordeaux



Court of Turin



University of Genoa



The Revenue Agency of Arezzo



Military School of Cecchignola, Rome



Polytechnic University of Milan



Bank of Italy, Rome



Max Planck Institute of Art History, Florence



Rami Library, Istanbul, Turkey



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Firebreak Archiving Solutions

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