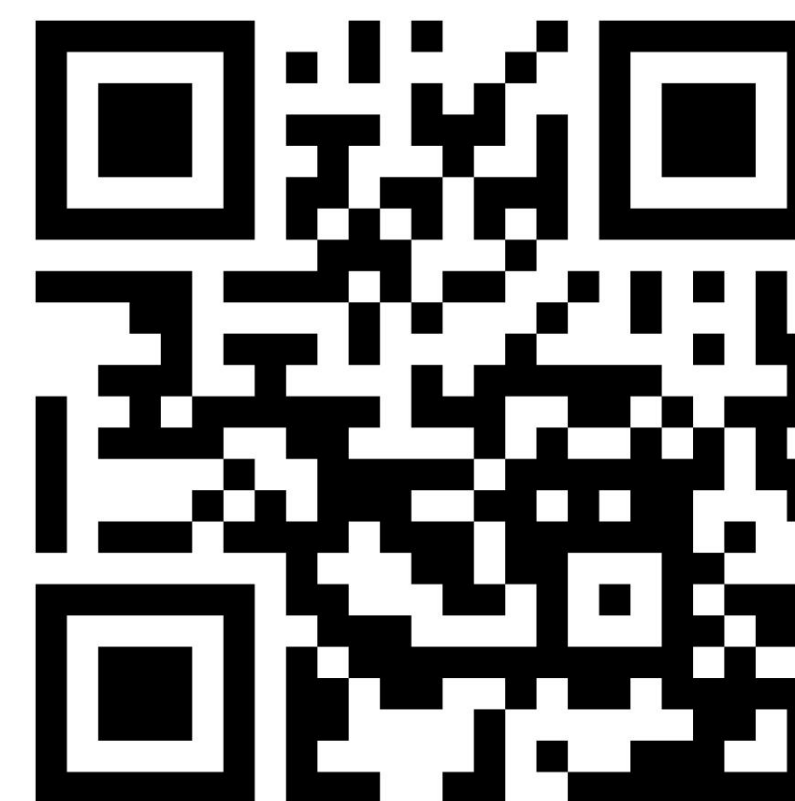




●●● **tripont** - Dániel Bedő
Cultural Heritage digitization solutions



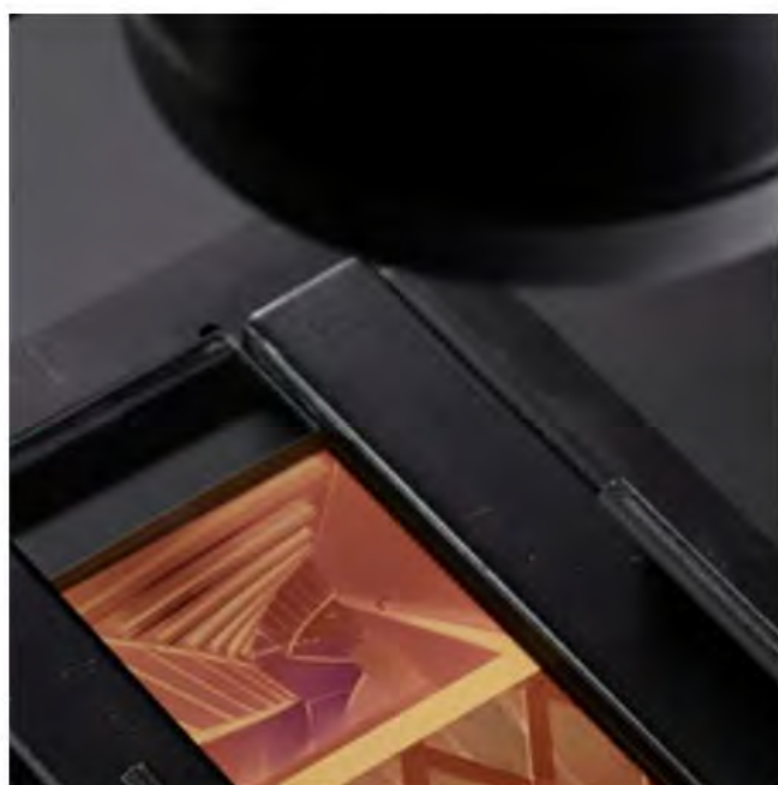
www.digitalizalas.eu

Our story



Tripont has been present on the photo-video market for more than 30 years. In addition to commercial activity, our company places great emphasis on becoming a significant player in cultural life as well. In parallel with our art support and sponsorship programs, our cultural heritage digitization and museum technology business has been developing prominently in recent years. In our own studio, we offer digitization services with state-of-the-art equipment, including publishing opportunities with our digital archive. Tripont's services aim to help preserve and promote cultural heritage assets, ensuring that they are accessible and available for future generations to enjoy and learn from.

360 degree solution from input to output



TRANSPARENTS ANYAGOK DIGITALIZÁLÁSA



KÖNYVDIGITALIZÁLÁS



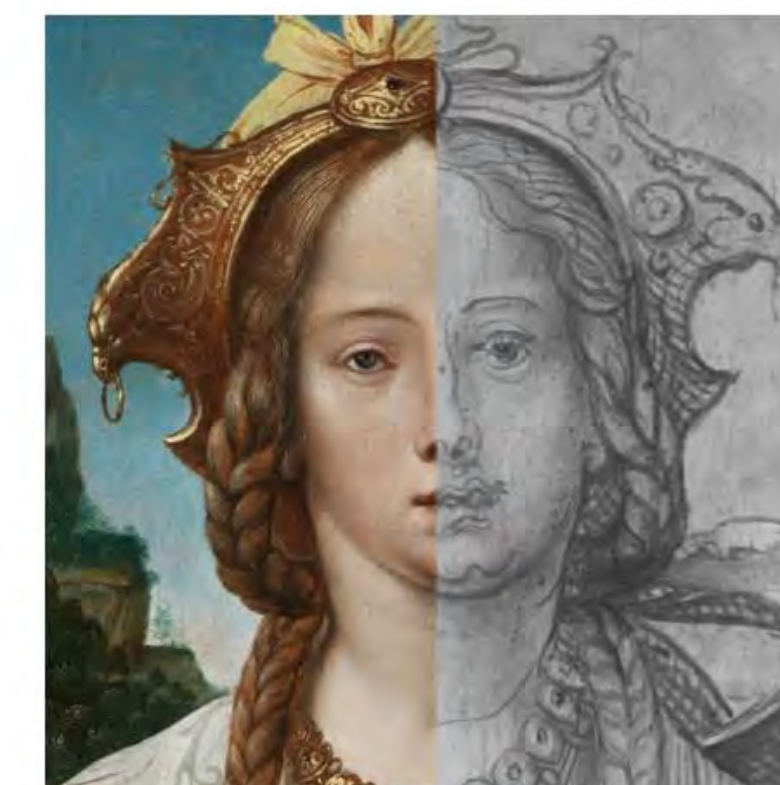
MULTISPEKTRÁLIS VIZSGÁLATOK



MIKROFILM SZKENNER



CULTARM3D SZKENNER



OPUS INSTRUMENTS



BOOKEYE KÖNYVSZKENNER



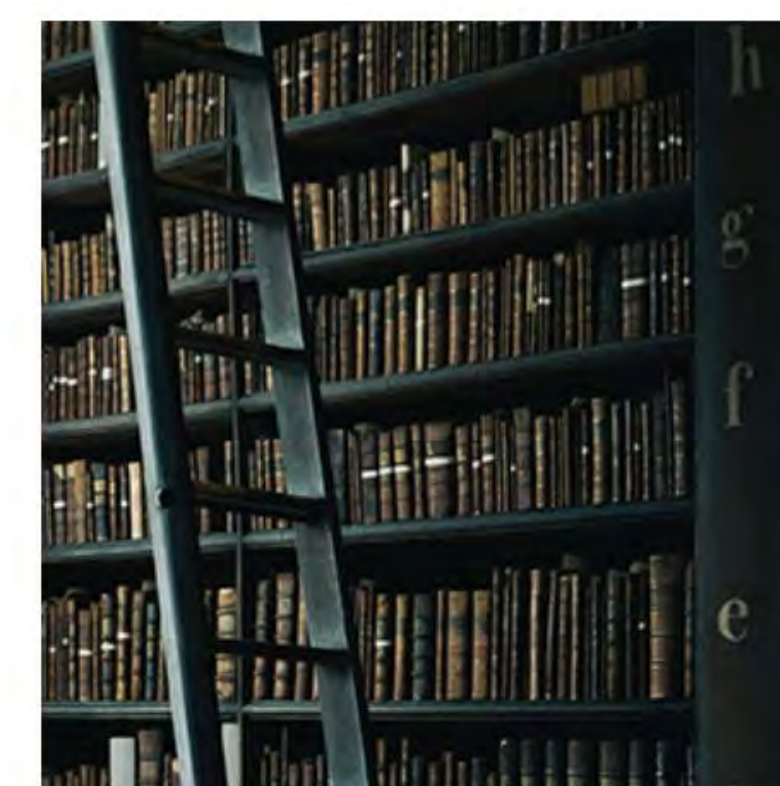
VISITORNEXT



CZUR



PHASE ONE P3 PLAYLOAD



ARCHÍVUMSZOLGÁLTATÁS



DIGITALIZÁLÁS MAGÁNSZEMÉLYEK SZÁMÁRA

Main pillars



Tripont Cultural Heritage Solutions is a company that provides various services related to cultural heritage preservation and management.

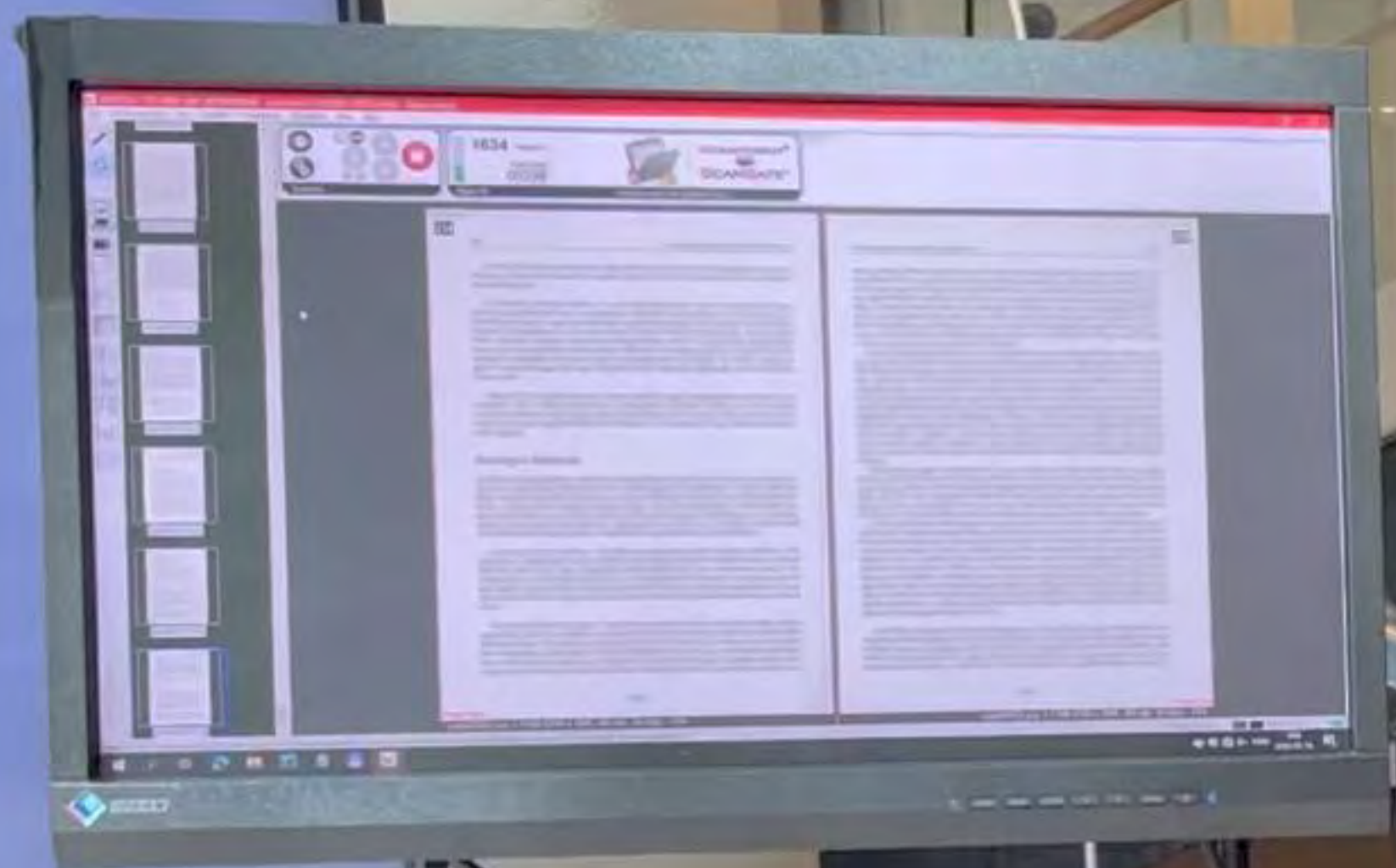
- **Digitization:** Tripont uses advanced technologies to digitize cultural heritage objects such as books, manuscripts, artworks, and photographs, preserving them for future generations and making them accessible online.
- **Digital Archive:** Tripont offers AI-powered Digital Archive System. Search & browse digitized content as never before.
- **Consulting and system integration:** They provide consulting services to organizations and institutions involved in cultural heritage preservation and management, helping them develop strategies and plans to safeguard and promote cultural heritage assets.

Mass digitization

Treventus Scanrobot - bookscanner

- Automatic scanning (up to 2,500 images per hour)
- Semi-automatic / gentle mode
- Process monitoring and double scrolling protection
- Market-leading technology (sold in more than 60 countries)
- Patented scanning technology
- Unique prism technology
- Custom 60 ° V-shaped bookcase
- Suitable for both hard and soft binding
- Gentle book handling (no clamping glass required)
- Ergonomic design





tripont
Heritage Solutions

SCANROBOT - FULLY AUTOMATED
BOOK SCANNING
SOLUTION

HERITÁZS

reser
the future

gyvédő-,
avitóanyag
tárgyvédele
aurálás
tárgyvédelm
csomagolóanya

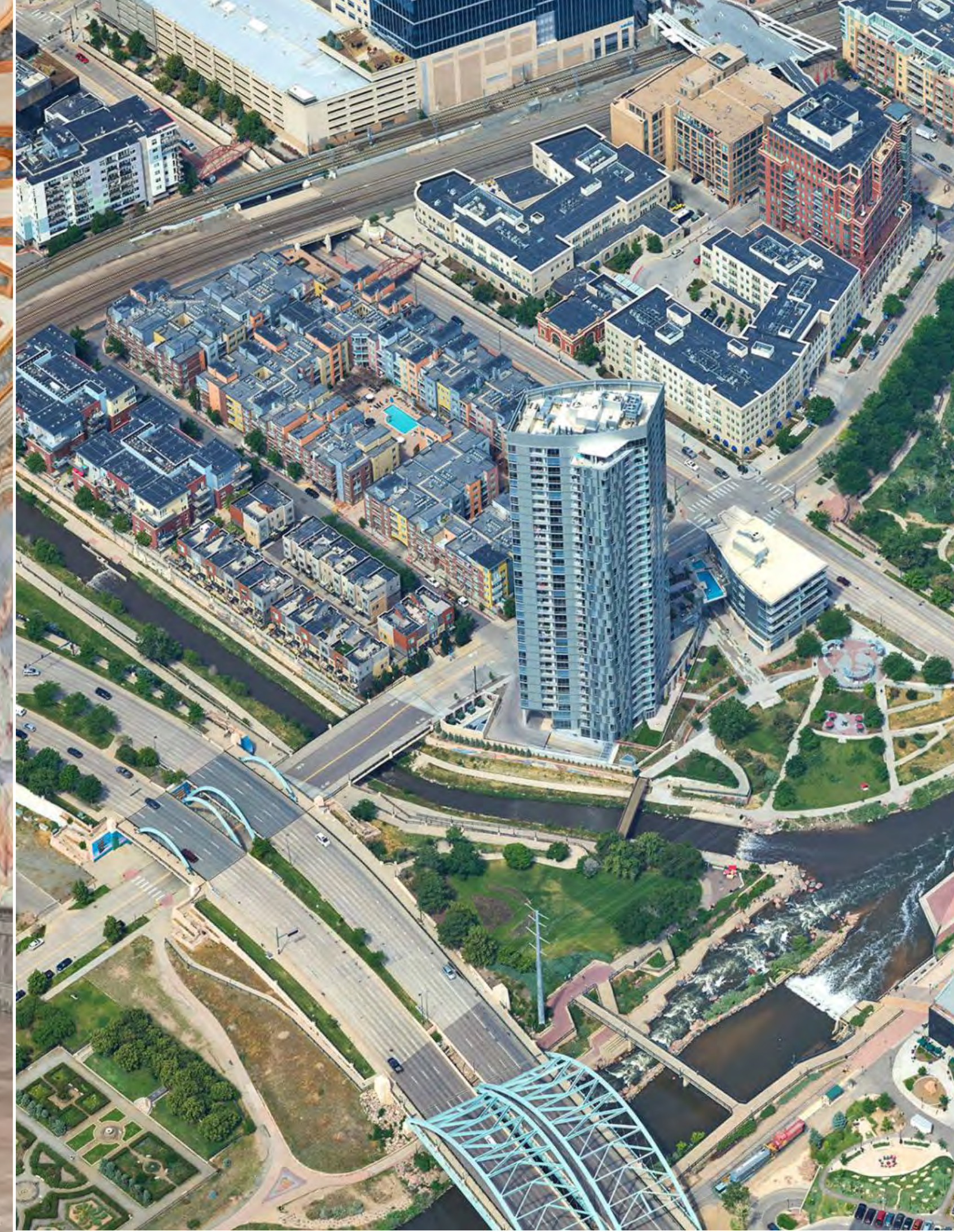
www.preservart.com



Specialty Photography



Cultural Heritage Solutions



Aerial and UAV Imaging Sensors

PHASE**ONE**

tripont

Phase One CH Solutions



Book scanning solutions



Flat copy scanning solutions



Film & glass plate scanning solutions



Sculptures and 3D objects

Phase One CH Solution Components



Camera systems with high resolution, flat field optics



Copy stands, flexible and automated



Film and glass plate scanning kit

Automation is a key feature

The iXG 100 and iXH150, iXH 250!

- Robust, Industrial performance
- Unique focusing with 6 μ repeatable precision
- Interchangeable flat-field 72mm and 120mm Schneider Kreuznach repro optics
- One million actuations guarantee with Reliance Shutter
- 100MP and 150MP sensor models for accurate reproduction and multi-spectral imaging
- Capture One CH efficiency and automation features
- Integration with range of AutoColumn copy stands (A0 in 400PPI)
- Imaging platform for future sequential and computational imaging



Transparent materials

Volume digitization from input to output

With a capture rate of 1 image per second, Phase One Film Scanning Solutions are up to 400 times faster than flatbed, drum or virtual-drum scanners.

Phase One's Film Scanning Solutions are comprised of a copy stand, film capture stage, carriers, and a camera system.

HOLDERS: 35mm strips, 120mm strips, 9x12cm, 13x18cm, 18x24cm, 4x5in, 8x10in, Mounted 35mm slides and Aerial large format films



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Film digitization success story





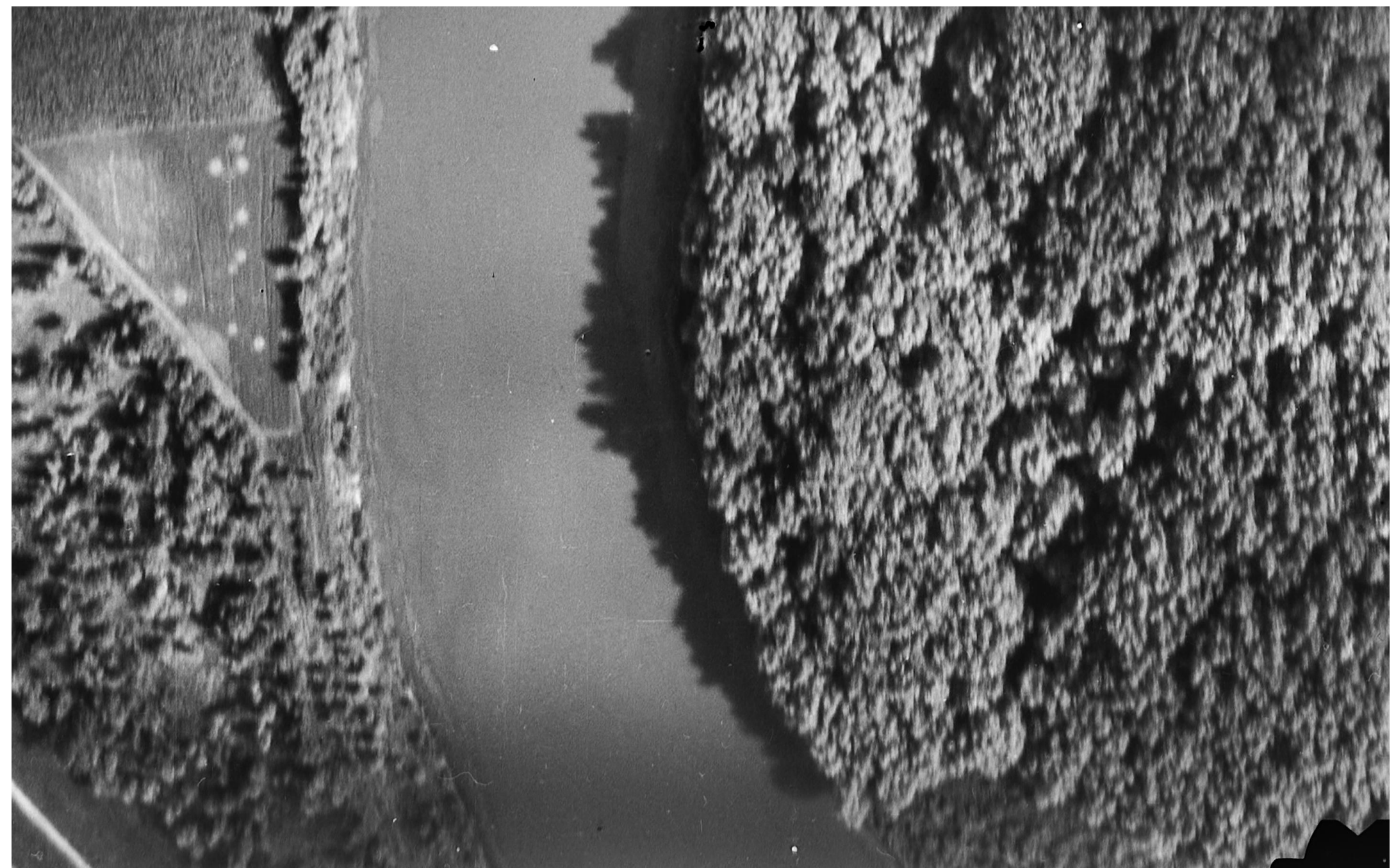
100% view in details

Glass Plate from the early 20th century - Digitization project for the BTM Kiscelli Museum- project of 2022

www.heritazs.hu



Aerial film digitization



Tripont's experts digitized the hungarian coronation mantle

The mantle was ordered by King Stephen and Queen Gizella in 1031. It is one of the most important symbols of the foundation of the state in Hungarian history, and served as the coronation robes of kings until 1916. So it is understandable that we had to take special care throughout the entire process, which was carried out to the highest quality and in accordance with the strictest heritage protection standards.

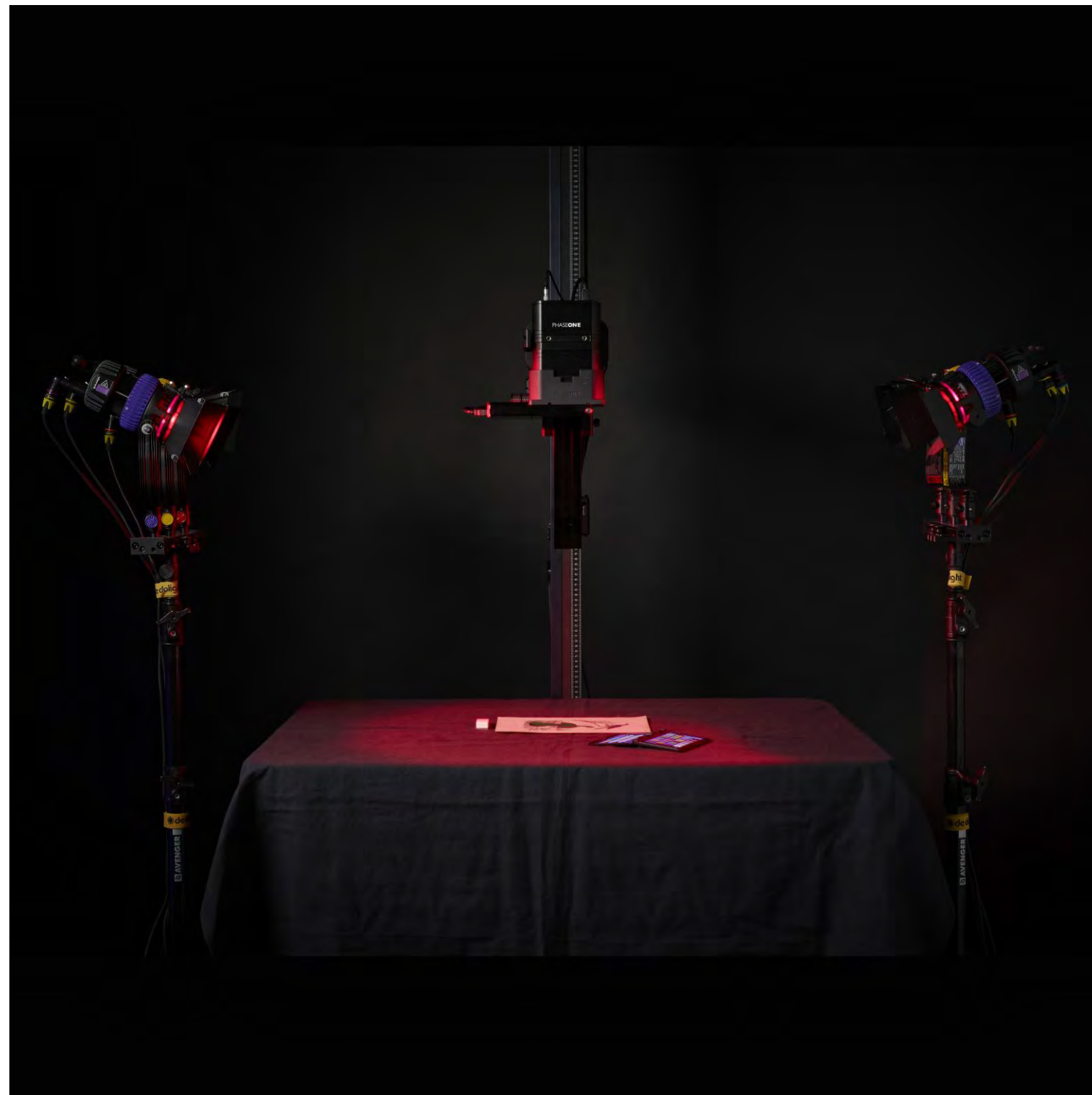






Multispectral imaging, Photo-diagnostic method

Rainbow Solution



- Authenticity
- Readability of documents -> antique and modern
- Overpainted paintings
- Painting technique research -> underdrawing, pentimenti
- Pigment research
- Investigation in Forensics -> gun shot residue, fingerprints, DNA
- Conservational studies / status
- ...

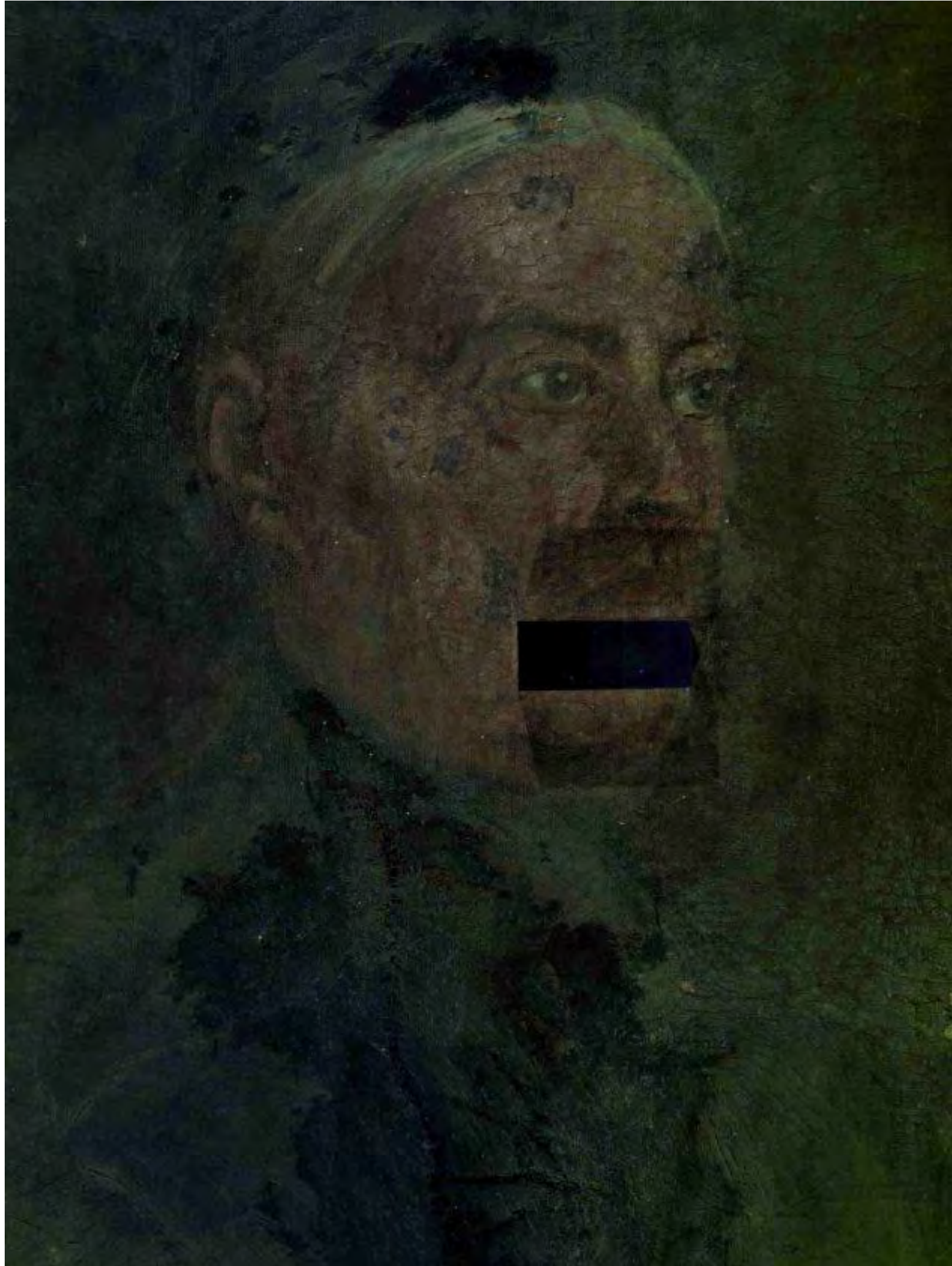
Samples of MSI portfolio



VIS



VIL



UVL

Investigation of Multispectral

During the test, eight images are taken in different light ranges.

- **VIS** – *visible-reflected*
- **IRR** – *infrared-reflected*
- **IRRFC** – infrared-reflected false color
(False-color display means that we represent a bandwidth different from the red, green, and blue components that make up and display the display image, allowing us to visualize wavelengths invisible to the human eye.)
- **UVRFC** – ultraviolet-reflected false color
- **UVL** – ultraviolet-induced visible luminescence
- **UVR** – ultraviolet-reflected
- **UVIL** – UV light with IR pass filter
- **VIL** – visible-induced infrared luminescence

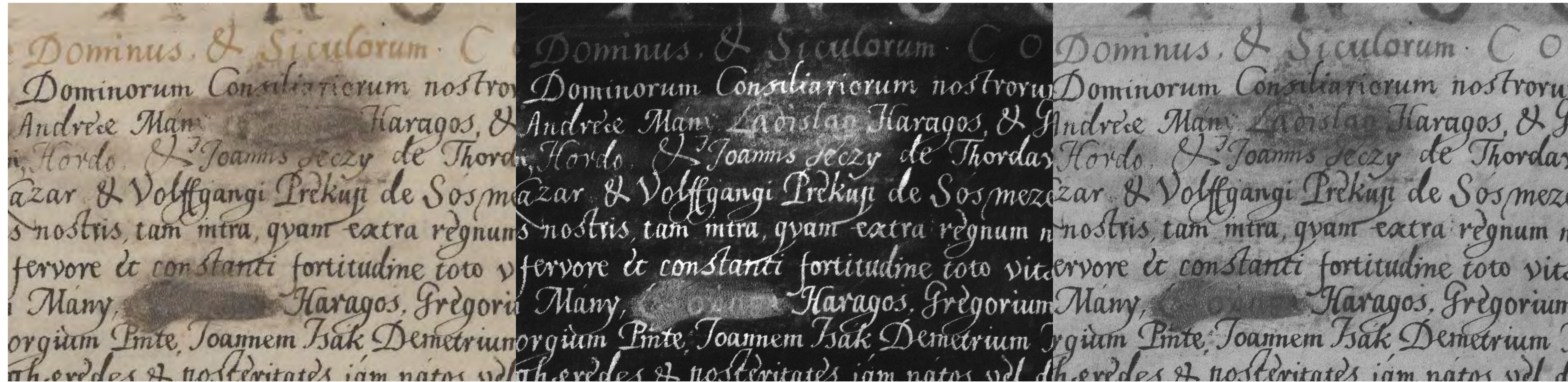
Hidden, scraped out characters



Hidden, scraped out characters



Hidden, scraped out characters

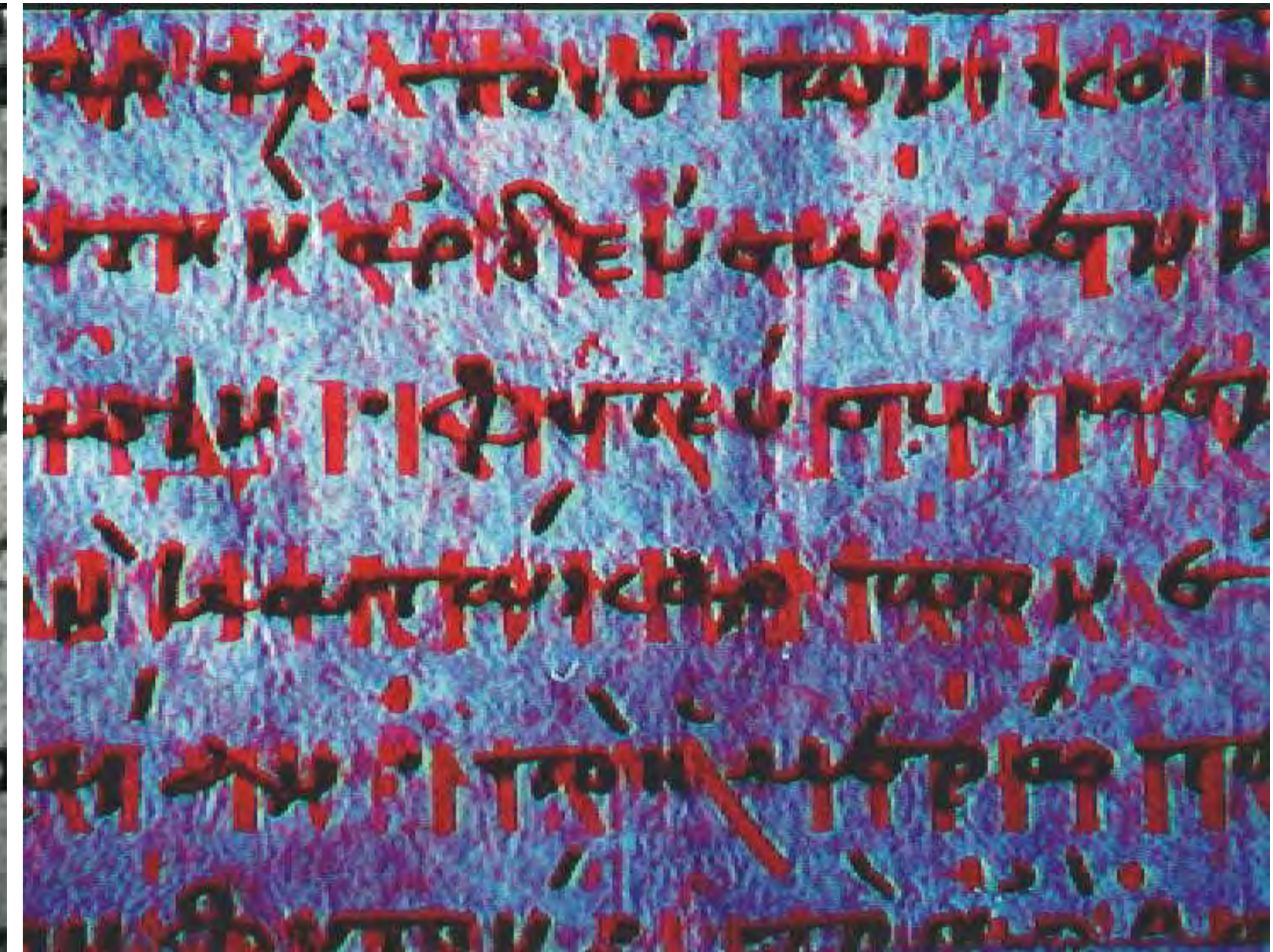
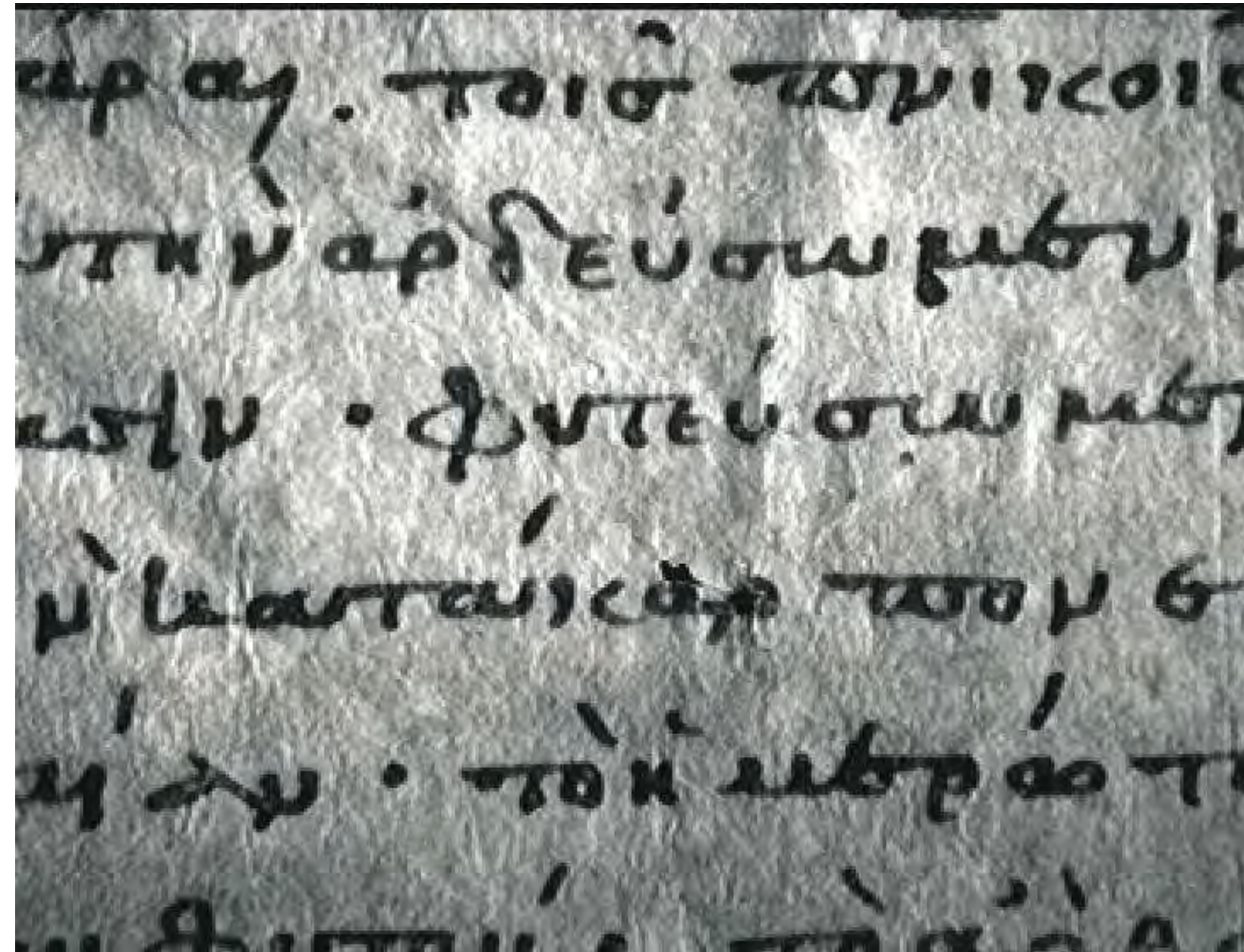
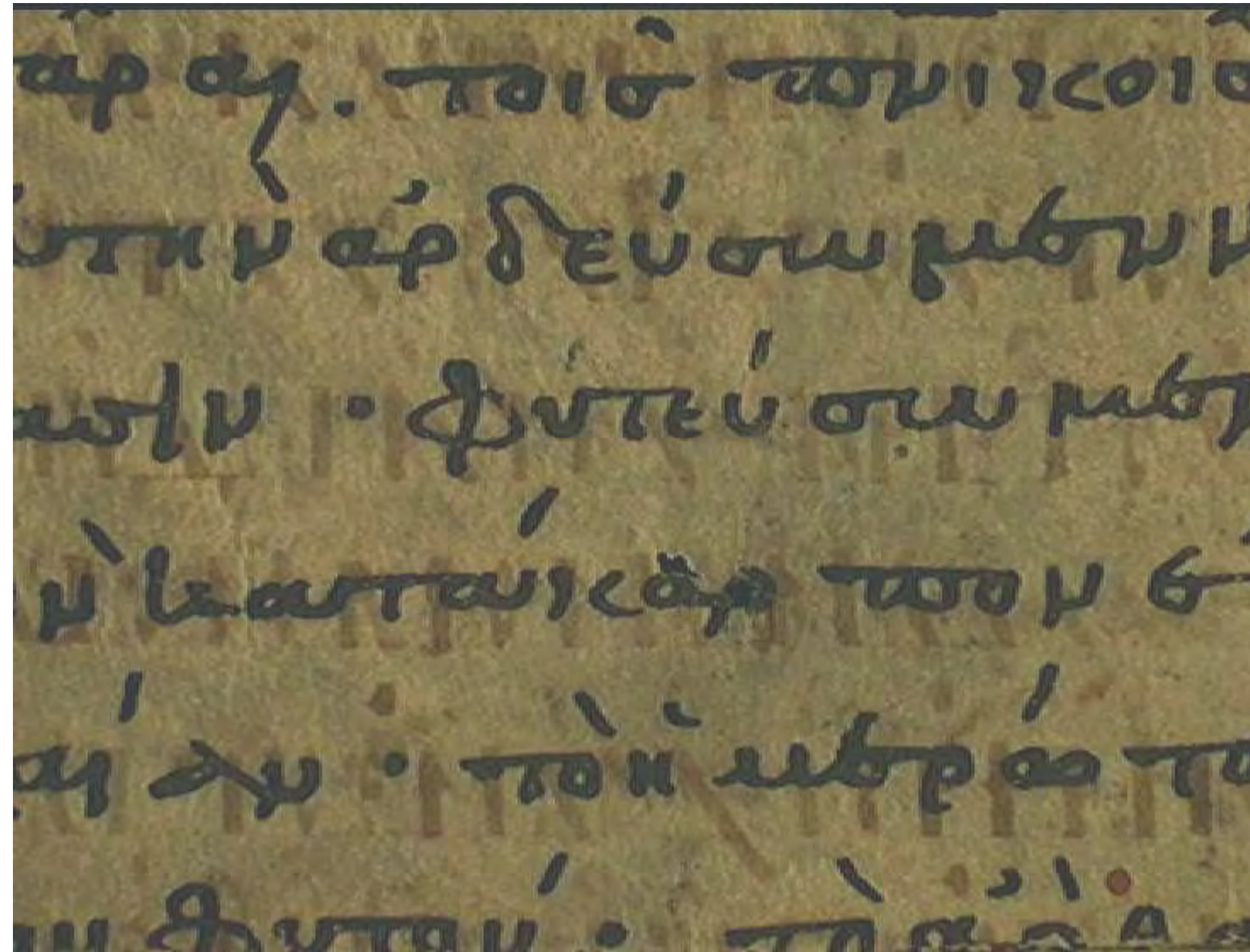


Glue layer removal with MSI imaging



VIS - UVR

Cross writings



© Annette T. Keller

Under Painting



Under Painting



3D Applications

1. High resolution 3D data.
2. High colour and surface quality and accuracy.
3. Making an efficient system for high volume digitization
4. Scalability to objects of varying sizes.







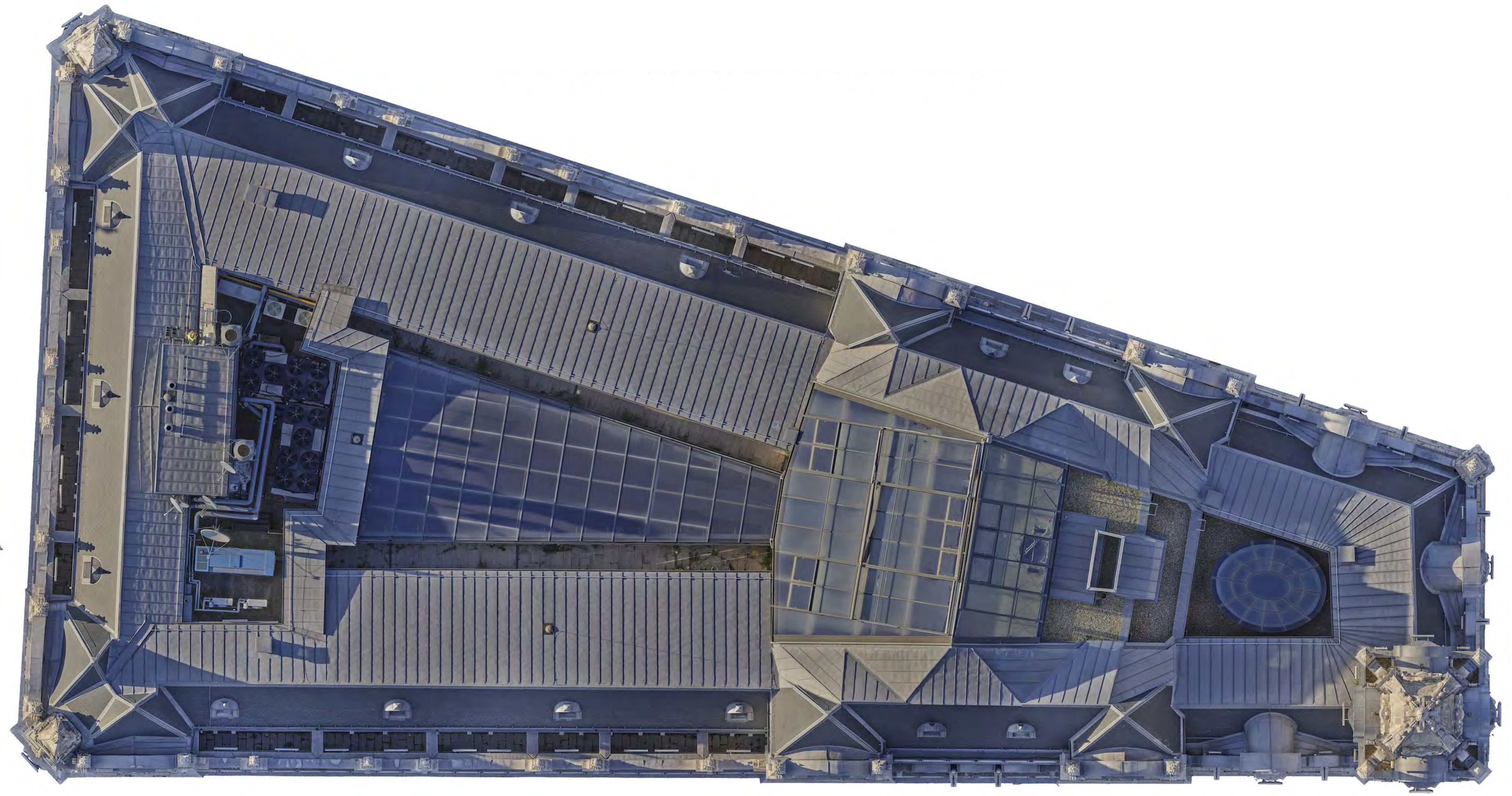
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PHASE ONE

PHASE ONE















daniel.bedo@tripont.hu

www.digitalizalas.eu

Thank you!