2024

CULTURAL HERITAGE FOR THE DIGITAL AGE

ARKIV 360: A DIGITIZATION SOLUTION FOR

Museums, Artists & Cultural Institutions

ARKIV 360

INTRODUCTION

THE CHALLENGE

In today's world, there is a common perception that if something doesn't exist on the Internet, it doesn't exist at all. Museums, cultural institutions, private art collectors, and artists worldwide face a significant challenge: millions of historical documents, prints, books, photographs, and other artifacts remain hidden in archival storage. With only a small fraction digitized, these culturally and historically significant collections remain inaccessible for research, public engagement, or monetization.

THE SOLUTION
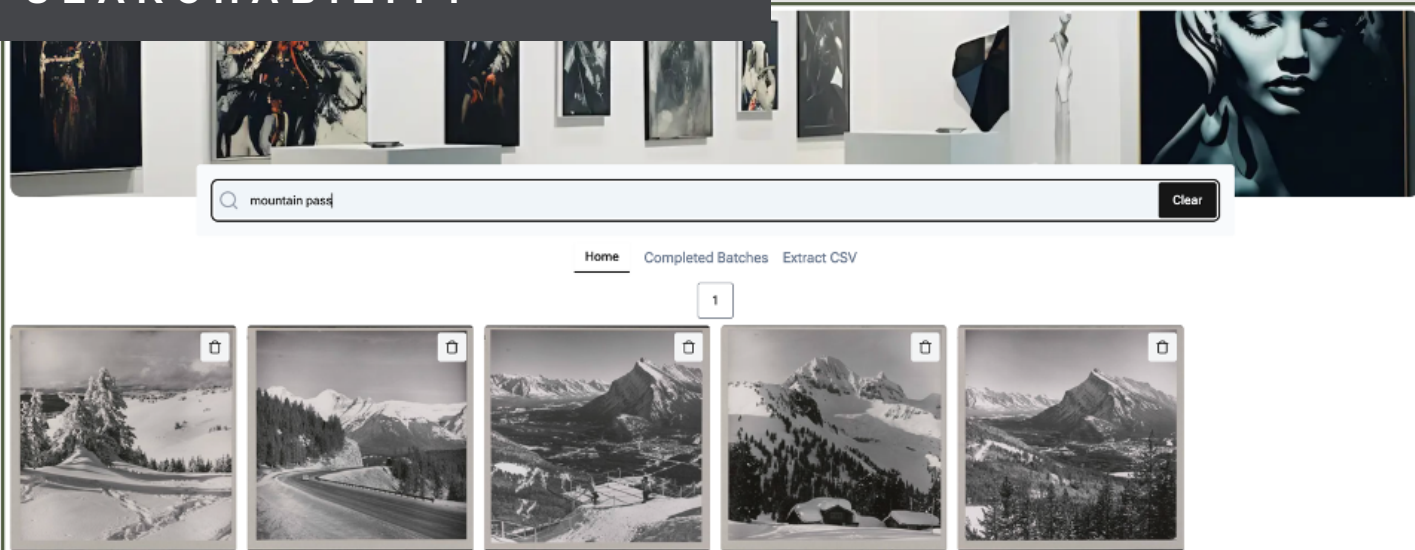In Partnership with Factum Arte, Madrid

UNMATCHED SPEED, QUALITY & AFFORDABILITY

Introducing ARKIV 360: a revolutionary digitization system designed by world-renowned photographer Edward Burtynsky and his expert team of engineers.

BEYOND DIGITIZATION

IMAGE LABELLING & SEARCHABILITY

THE ARKIV360 SYSTEM ENABLES

- **MULTI-LANGUAGE METADATA LABELLING OF IMAGES:** Making collections accessible globally
- **AI-POWERED LABELLING AND SEMANTIC SEARCH:** Automatically label image contents including context summary and keywords, and facilitate intuitive discovery of digitized content
- **POWERFUL DATABASE & SEAMLESS INTEGRATION:** For both word expansion and retrieval of texts; fully compatible with existing databases and DAMs
- **STATE OF THE ART OCR:** For both typed and handwritten text on front and back of images

These features ensure that your digitized collections are not just preserved for multiple use cases, but easily accessible and searchable for researchers, academics, and the public alike.

ARKIV360

KEY FEATURES

1. **Unmatched Digitization Capabilities**
   - Recto-verso (front-back) photographic artifact digitization
   - Rotary table system with high-resolution digital cameras
   - Semi-automated workflow maintaining proper artifact handling procedures
   - Rapid production of high-quality, high-resolution images
   - Digitization rate: Up to 3000 artifacts per day (based on a 6.5-hour working day)
   - Image resolution up to 500 ppi (minimum FADGI 3-star still image quality)
   - Maximum artifact size: 594 mm x 420 mm (approximately 23.4 in x 16.5 in), with custom sizes available
   - Suitable for photographs, prints, sketches, architectural drawings, and other flat visual documents
   - Ability to digitize contact sheets of slides and negatives
   - Portable knockdown system for on-site setup
   - Working space requirement: 17 ft x 23 ft x 12 ft high

2. **Comprehensive Solution**
   - Expertise: Developed by world-renowned fine arts photographer Edward Burtynsky and expert engineers
   - Innovation: Integration of mechanical and computing technologies into a cohesive, user-friendly platform
   - Customization: Tailored solutions for various cultural institutions and professional photographers
   - Efficiency: Streamlined end-to-end digitization workflow
   - Preservation: Proper handling procedures ensure artifact safety

3. **Security and Privacy**
   - All client data stored in-house on secure servers
   - No use of remote cloud-based storage
   - Fully encrypted data transmission for processing
   - Multiple layers of security for system and client data access
   - Robust data protection measures ensuring client confidentiality and regulatory compliance

TESTIMONIALS

ARKIV 360 is a game-changer for large collections of photography like ours. The Image Centre partnered with Burtynsky and his team to digitize our collection of Canadian press photographs from The New York Times. They captured 22,000 pictures in just 3 months, then used custom AI tools to catalogue and describe the images, as well as transcribe the handwriting and labels from the back of each photograph—all in both English and French. Done the traditional way, the digitization alone would have taken so much longer, and manually cataloging and keywording each image would have added several more years to the process. Their system's semantic search functionality has revolutionized our ability to make this collection publicly accessible. Burtynsky has given us the solution to a long-standing challenge we faced: how to rapidly digitize our collections to a high level of quality, thus allowing us to make them accessible for a range of preservation and educational applications at a price we can afford.

— PAUL ROTH, DIRECTOR OF THE IMAGE CENTRE
AT TORONTO METROPOLITAN UNIVERSITY

For 30 years, we have stored more than 85,000 delicate Kinngait (formerly Cape Dorset) Inuit drawings on behalf of the West Baffin Eskimo Coop, but we were unable to digitize them due to volume, fragility, and budget constraints. Using ARKIV 360, though, we achieved the impossible — rapidly digitizing the entire collection with superb quality and care, at a fraction of the cost of conventional photography. Now we have a searchable website where the Inuit community and the public worldwide can engage with these artworks. The exceptional image quality also creates opportunities for new exhibits, product development, digital preservation, and large-scale reproductions — we have even planned a billboard campaign! — transforming how we share this invaluable collection with audiences near and far.

— SARAH MILROY, DIRECTOR OF THE
MCMICHAEL CANADIAN ART COLLECTION

Burtynsky and his engineering team have achieved something remarkable with ARKIV 360. For both original prints and film, the image quality is exceptional. Combined with the Phase One Heritage system for film capture, this platform sets a new standard in digitization. The high image quality essentially makes the ARKIV 360 digitization platform future-proof. I don't foresee any future technology that would exceed what these systems accomplish today. It's a milestone in digital archiving and reproduction that will unleash our visual history for many years to come.

— GERHARD STEIDL, FOUNDER OF STEIDL

A B O U T   T H E   C R E A T O R S

EDWARD BURTYNSKY, one of the world's most accomplished contemporary photographers whose remarkable photographic depictions of human impact on the planet are included in the collections of over 80 major museums around the world, led the development of ARKIV 360 alongside a team of skilled engineers and AI experts - in consultation with leading curators and owners of large archives.

The **ARKIV 360** system combines Burtynsky's photographic expertise with cutting-edge engineering and best-in-class archive solutions to deliver a state-of-the-art photographic artifact and document digitization and online accessibility solution.

Transform your collection into an accessible digital archive with ARKIV 360

EMAIL: INFO@ARKIV360.COM

PHONE: +1 416-987-2303

ARKIV360.COM