

LUMIERE TECHNOLOGY

Multispectral High Definition Digitization

News : After the Mona Lisa at the Louvre, LT has digitized the famous portrait of the Princes Czartoryski Collection in Krakow, "the Lady with an Ermine", allowing an exceptional comparison between the 2 portraits of Leonardo da Vinci.

News : After 13 Van Gogh at the Kroller Muller Museum in Otterlo in July, Lumiere Technology has digitized 14 Van Gogh as "the Bedroom of Arles" at the Van Gogh Museum of Amsterdam, to study with the curators of the 2 museums how to join their knowledge in a multispectral Database around the work of Vincent Van Gogh. The versions from the Musée d'Orsay & from the Chicago Art Institute should be digitized in the next months 2008 for comparison.

News : During the Heritage Days 2007, LT was invited by Alain Tapié, Directeur of the the Palais des Beaux Arts de Lille to digitized 8 artworks from the museum - Holbein, Rubens, David, Boucher, Hemessen, etc - The results were explained on a large Plasma Screen and exposed beside the originals, with lectures and comments by the curators and restorers of the Museum to an impassioned Public...

News : On request of the Musée du Louvre & the Musée des Beaux Arts de Lyon, Lumiere Technology has digitized the last French Museum acquisition, « The Escape in Egypte » by Poussin before its departure to the Musée des Beaux Arts de Lyon .

FOR ALL ART COLLECTORS AND ENTHUSIASTS: THE ULTIMATE DIGITAL CAPTURE SOLUTION



A painting is scanned at 240 Million Pixels, during 50 minutes. You can zoom on some results, true colors, infrared false colors and Infra Reds 900 nanometers, UV, online on our website <http://www.lumiere-technology.com>, by clicking on such image.

Lumiere Technology offers a unique multi spectral high-definition digitization system that enables you to capture the "truth" behind paintings by old and modern masters. The camera uses spatial technology to help you to fully understand the techniques and methods artists used to create their works.

The camera operates by projecting a ray of white light across the canvas to be digitized. The ray passes over the canvas up to 13 times, then recreates a computerized version of the image closer to the original than was ever imagined possible.

Lumiere Technology sharpens your vision, deepens your knowledge, and makes the most advanced tools to date available to experts, conservationists, curators, and collectors so that they can better appreciate, study, compare, reproduce and preserve the masterworks that we shall pass down to future generations.

UNCOVERING WHAT'S INVISIBLE

Imagine that you own a work of art but that you know very little about its history. With Lumiere Technology you can now examine every brushstroke, from the visible to the invisible, from the ultra violets to the infrareds without endangering your work of art in any way.

In less than 90 minutes and with one multi-spectral capture, you can collect vast amounts of scientific and technical information about the work.

You can pierce the mysteries below the surface of the painting: view hidden preliminary sketches, identify the pigments used and the restorations carried out, detect and map the imperfections in the canvas and even see what it will look like once the varnish is removed.

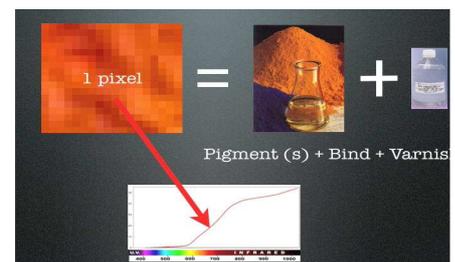
You will then have a comprehensive file about the work: an invaluable resource for experts who wish to study and/or appraise it and for restoration specialists who are responsible for preserving it.

SAVING WORKS OF ART FOR POSTERITY



The innovative technology offers a means of accurately assessing and reconstituting a work of art at a given moment in time. The combined "measuring" and "preserving" aspects will soon be a requisite for experienced art collectors who want to add value to their collections by certifying their artworks, as well as for insurance companies called upon to insure artwork.

Lumiere Technology's digital magic restores original colours with an unequalled colorimetric precision, and its multi-spectral digitization technology provides a safe, non-intrusive way of examining the entire surface of a work of art with infrared and UV imaging techniques. Each pixel contains valuable scientific information that can be used to quantify and qualify the work. And behind the high-quality image lies the true knowledge of the work of art.



REPRODUCING ART

Reproductions of paintings are almost never satisfactory and rarely recreate the luminosity and true colours of the original work. What do you do about this when you want to reproduce an exceptionally fine work of art in a book, catalogue, in folio, or on a poster, greeting card or DVD? A digital file with finely defined colorimetric accuracy restores the full intensity of the original work at no additional cost and greatly enhances the quality of the reproduction.

The number of pixels used in digitization (240 million as opposed to 20 million for the most high-performance cameras) makes it possible to obtain extraordinarily sharp, true-colour high-definition enlargements. And the files can be used on all types of backgrounds: paper, cardboard, canvas, cotton, silk... reproducing images of the same unparalleled quality

SHARING WITHOUT BOUNDARIES

The Internet and digital displays have enabled people from all corners of the globe to share their knowledge in real time. This rapidly-evolving information technology has had a profound impact on how we teach and learn about art. Museums, foundations and art galleries are now able to display very high quality images on their websites. Art history professors use these new digital tools to enhance their teaching and to introduce students to the magical world of art and its timeless masterpieces.



Multispectral digitization of "La Vie" by Picasso at the Cleveland Museum of Arts.

Researchers and specialists compare notes and deepen their knowledge through online collaboration. Art galleries and auction houses now have the opportunity to show their discoveries to their customers and selected audiences through comprehensive digital presentations.

There's no question about it. If you want to stay in line with the times you have to introduce your collection into the knowledge economy marketplace. The best way to go about it? Digitize it with Lumiere Technology.

To demonstrate its one-of-a-kind technology, Lumiere Technology is presenting a collection of art work that it believes has become part of our "common heritage."



Multispectral digitization of the "Mona Lisa"

Thanks to its unique high definition digitization system, collections will be able to be exported beyond the walls of museums to universities, conferences, and exhibitions, driving opportunities for exchanges between researchers, experts, curators, scientists, and art enthusiasts and contributing to the advancement of knowledge in our new information age.



Lumiere Technology at Tefaf 2008 stand 527

HOW CAN YOU DIGITIZE YOUR COLLECTION?

Lumiere Technology's head offices are located in the heart of Paris, in St.Germain des Près, the legendary centre of France's art world. The company offer collectors 3 solutions for digitizing the artwork in their collections:

1/ Paintings are brought to the studio on appointment. (Paintings on canvas, panels, drawings, pastels, etc. - unframed, max. size 3 x 2 meters.)

Each work can be digitally captured in less than 90 minutes. An additional 2 hours are required to construct the digital file. The data are stored on a digital support, either a DVD or a hard disk, depending of the size of the work.

The company can provide an estimate on request. The estimate provides you with a comprehensive study, either in print format and/or online via a secure server with an access code.

2/ Lumiere Technology specialists can also come on site if there are several paintings or for security reasons, and scan the work directly on site.

Estimate on request.

3/ A multi-spectral camera can be hired for periods of up to several months for large collections in Europe and in the U.S. Estimate on request.

REFERENCES

Musée du Louvre, Paris, Fr
National Gallery, London
Rochester Institute of Technology, USA.
Cleveland Museum of Arts, USA
Escher Museum, Amsterdam, NI
Library of Congress, Washington, D.C.
New York Historical Society.
Kroller Muller Museum, Otterloo, NI
Van Gogh Museum, Amsterdam, NI
Musée Czartoryski, Cracovie, PI
Musée des Beaux Arts de Lille, Fr
Musée des Beaux Arts de Lyon, Fr
Sotheby's, Paris, Fr
Eric Turquin, Paris Fr
Wildenstein, NY, USA
Galerie Sarti, Paris, Fr
Didier Aaron & cie, Paris, Fr
Lawrence Steigrad Fine Art, NY
Robilant & Voena, Londres – Milan
Finarte, Rome, It
Panatta & Gruosi, Rome, It.
Caylus – Madrid
Whitfield Fine Art – Londres
And more than 50 Private collections.

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