



Spin-off from the VUB's Image Processing and Computer Vision research group.

Established in 2008.

### Milestones

- 2009: Media platform launched.
- 2010: Tour & Taxis.
- 2011: Foto Museum Antwerp.
- 2012: Closer to Van Eyck.

### Universum Digitalis

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Iris Vanhamel and Frederik Temmermans

### Experts in mobile media management and distribution

Universum Digitalis is an ICT company founded in 2008 by Dr. Iris Vanhamel and Frederik Temmermans, and endorsed by Prof. Jan Cornelis and Prof. Peter Schelkens. Universum Digitalis is a spin-off of IRIS, the Image Processing and Computer Vision research group of the VUB's Department of Electronics and Informatics (ETRO).

Universum Digitalis develops **customized solutions for data management and distribution**. More specifically, Universum Digitalis designs solutions for the management of multimedia databases and provides generic data exchange interfaces for distributing data to various client applications. Universum Digitalis develops native mobile client applications for iOS and Android as well as web-based applications based on HTML5 technologies.

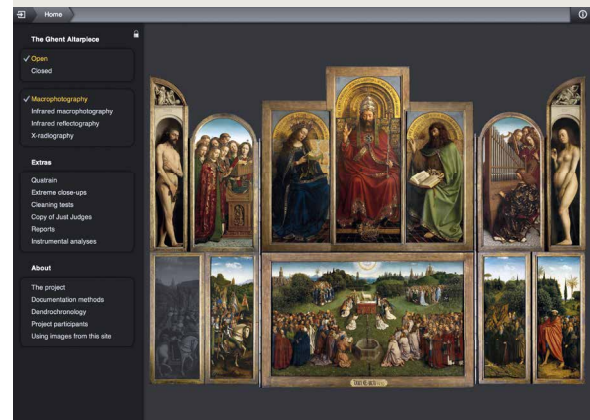
Universum Digitalis has built **applications for museums, cultural institutions and others**. The website 'Closer to Van Eyck' (<http://clostertovaneyck.kikirpa.be>) is a good example of a strong collaboration between art historians, image processing experts from VUB-ETRO and Universum Digitalis. The website brings a huge collection of image data from the masterpiece 'The Ghent Altarpiece' to the public in a user friendly way.

**Universum Digitalis' expertise includes the following topics:**

- We offer a **platform** for content management and distribution that can be tailored to your needs. Example applications include:
  - o Mobile Museum Guides
  - o Touristic applications
  - o Interactive multimedia guides
  - o Illustrated audiobooks
- Custom **mobile application development** for iOS (iPhone and iPad), Android, Windows Phone and web-based.
- Next generation **web-applications**.
- **High resolution image streaming and visualization**.
- **Custom development** of databases, content management systems and API's.
- **Expert advice** related to mobile application deployment, content management and content distribution.
- **Talks** related to the mobile world, content distribution, interface design and API's.
- **Project management** of projects related to mobile application deployment.
- **Hosting and service** related to UD application's databases and APIs.



Custom mobile application development



Closer to Van Eyck

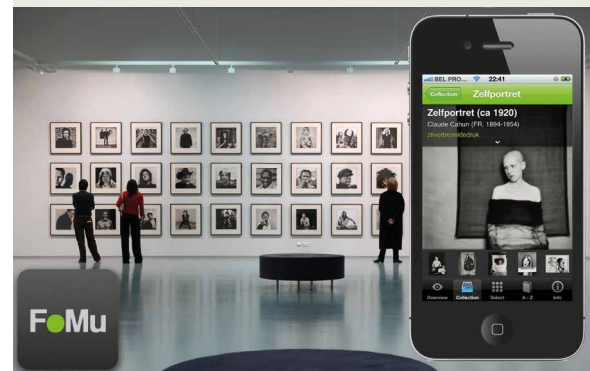


Foto Museum Antwerp

**'We translate complexity into simplicity.'**

**Frederik Temmermans, Founder**



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