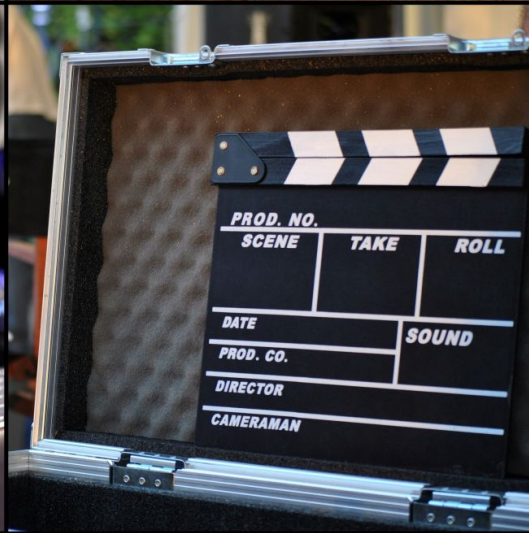
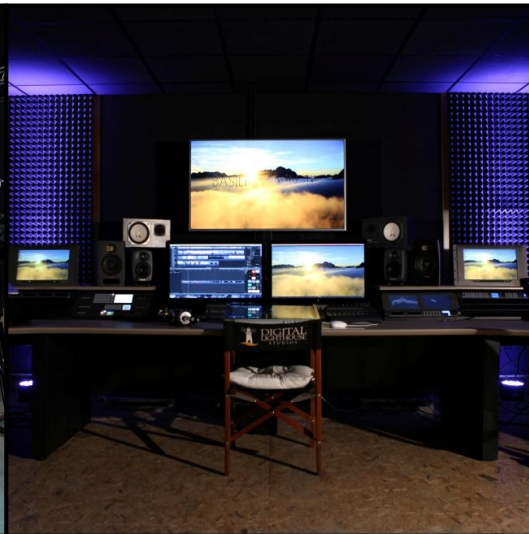




Company Profile



Brief profile

Digital Lighthouse is an **Entertainment & Media House** specializing in audiovisual products, audio production, digital visual effects, virtual reconstructions, graphic animations and software/mobile applications for the Cultural and Creative Industry.

It is the place where creative inspiration meets technological innovation, thanks to the talent of a number of professionals who create new solutions aimed at informing, entertaining and thrilling the audience.

Digital Lighthouse is located in a modern structure composed of its own sound stages, equipped with the most modern technologies available in the market and of spaces and laboratories for activities such as video editing, color correction, recording, sound editing, mixing and mastering, computer graphics and development of multimedia products.

Designers, 3D & digital artists, programmers, engineers, experts in cultural heritage, technicians and operators, working inside the several departments, develop products and solutions at high creative contents, using cutting-edge tools and innovative working methods.

Digital Lighthouse is the result of a research and development project in the field of 3D computer graphics, promoted in 2013 by Geocart S.p.A., a groundbreaking engineering company dealing with terrestrial and aerial remote sensing, aerospace technologies, ICT and multidisciplinary planning.

Who we are

Digital Lighthouse is an **Entertainment & Media House** specializing in technical and artistic innovative solutions addressed to the Cultural and Creative Industry.

Created with the purpose of testing the new frontiers of computer graphics and digital technologies, the company has developed unprecedented techniques of accurate virtual realities, designed for revolutionizing the cultural and artistic production through advanced processes of integration between tools, methodologies and competencies of engineering and ICT.

The faithful digital reconstruction of sites of interest, landscapes, objects and architectures is made possible thanks to the high resolution sensing with next generation sensors and the following processing of the data obtained, based on a processing chain enhanced in order to guarantee sustainable costs and faster production time.

Thanks to the development of virtual reconstructions, the implementation of audio-visual contents and products, visual digital effects, graphic animations, software applications and audio production, the company has become the current point of reference in the sectors of Cinema, TV, Broadcast, Video Production, Virtual Reality, Digital Heritage, Games & Apps and Music at international level.

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Mission

Digital Lighthouse was conceived as a meeting point between art and science aimed at enlarging the frontiers of entertainment and multimedia.

Through a constant research activity, the company develops new solutions based on the fusion between creativity and technology, in order to inform, entertain and thrill the audience.

Digital Lighthouse is the creative place where young talented people and heterogeneous experts create with great passion new media languages and experiment modern entertainment techniques, testing next generation technologies and equipment.

The history

Digital Lighthouse is the result of a research and development project in the field of 3D computer graphics promoted in 2013 by Geocart S.p.A., a groundbreaking engineering company dealing with terrestrial and aerial remote sensing, aerospace technologies, ICT and multidisciplinary planning.

The company's name combines two words: "lighthouse", which is the name of the first sensor tested in the field of the project for sensing activities aimed at reconstructing accurate 3D models and "digital", that is the new era which is marking an epochal change in all sectors, especially in those of information, cinema and multimedia.

In the meaning of its name lies the will of becoming a reference point in this new technological era. Born in 2013, the research project ripens, in fact, as it wants to make a new asset of production, coming from the experience gained by Geocart in its own business sector, available in the international market of Cinema and Entertainment. The research activity was mainly aimed at identifying innovative techniques for the virtual simulation and the reconstruction of accurate 3D digital models of natural environments, sites of interest, sets, architectures and objects, exploiting the data coming from the sensors used in remote sensing. The result achieved was an enhancement of the processes of visual effect production for the cinema, digital reconstruction of the cultural and naturalistic heritage, development of video games, virtual tours and multimedia libraries.

Activity sectors

• Cinema and Visual Effects

Digital Lighthouse is the one-stop company supplying products for the cinema.

It is located inside the Studios, a modern structure composed of its own sound stages, equipped with the most advanced technologies available in the market and of spaces and laboratories designed for the activities of video editing, color correction, computer graphics, recording, sound editing and mixing. The company internally oversees the whole production cycle, till the delivery of the product ready to be distributed in the movie theaters.

The Studios are provided with sound stages equipped with state-of-the-art tools and modern departments for production and post-production activities. Here the company oversees the whole production cycle, till the delivery of the product ready to be distributed in the movie theaters. Thanks to the innovative technologies used and the enhancement of the digital production processes, the company is specialized in the reconstruction of virtual sets and in the creation of next generation visual effects.

Services:

- Sound stages
- Pre Production
- Production
- Post Production
- Visual Effects & Computer Graphics
- Rental Service

• TV, Broadcasting & Video Production

Thanks to continuous experimentation on technologies and languages and through partnerships with international players, Digital Lighthouse is a forward-looking audio-visual producer.

The company deals with Broadcast services, TV productions and technical-scientific institutional videos for company and public agencies. It analyzes the reality and is in line with the client's strategies and international standards.

Services:

- Documentaries
- TV series
- Fiction
- TV format

- Commercials
- Institutional videos
- Videoclips
- Live TV

• Digital Heritage

The solutions developed by Digital Lighthouse propose a model of enhancement of the cultural heritage which, by exploiting the potential of the new technologies, can provide the client or the audience with innovative tools and modes to rediscover the historical and artistic heritage. The applications and the contents produced go beyond the simple digitalization of the goods: by combining the modern technologies of gamification and entertainment, it offers amazing and engaging immersive experiences.

Furthermore, the services offered can provide the technical data with which it is possible to reconstruct the conditions of the historical, architectonic and cultural heritage both to plan interventions of programmed preservation or extraordinary restoration, offering supplementary information about the decay conditions of artworks, frescoes, paintings, valuable objects, and to implement energy-saving projects.

The company also deals with interactive projects for schools and educational institutions.

Services:

- 3D Virtual Reality
- Immersive experiences
- Augmented reality
- Exhibit design
- Multimedia Museums
- Digital Tourism
- Video Mapping
- Lidar and Photogrammetric surveys

• 3D Virtual Reality and Multimedia

Thanks to its continuous search for new technologies and data processing modes, Digital Lighthouse has become an international point of reference for activities such as virtual reconstruction, computer graphics and IT development.

The company has adopted a new approach based on the use of the most advanced techniques of 3D simulation and combining creative and technical sectors in order to create unique and appealing products for the sectors of cinema, cultural heritage and for the whole entertainment industry.

Services:

- Virtual Simulations
- 3D Reconstructions
- Computer Graphics and VFX
- Video Mapping
- Visual & Interactive design
- Multimedia platforms & Web design
- Lidar and Photogrammetric surveys

• Games & Apps

Faithful virtual reconstructions, interactive simulations, experiences of immersive and augmented reality, software and mobile applications: these solutions are the result of a continuous search for innovative products and services based on a new way of conceiving gaming. By exploiting the data coming from state-of-the-art sensors and technologies in remote sensing, Digital Lighthouse pursues the continuous enhancement of the existing 3D reconstruction and modeling techniques and constantly develops new ones.

Services:

- Virtual Sets
- Immersive Virtual Reality
- Augmented reality
- Mobile and Software Applications
- Games

• Music

Digital Lighthouse intends to be a meeting point between the big international musical tradition and the new development and production trends, through a breakthrough infrastructure and the use of next generation technologies.

In specifically designed spaces, sound recording mixing and editing services are completed with a targeted supervising activity carried out by the artists and with the management of the processes for musical and audiovisual productions for the most diverse market applications.

Services:

- Recording & Mixing
- Mastering
- Videoclip
- Live Events & Visual

Contacts

Digital Lighthouse S.r.l.

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