Reverse Engineering 1/2

Integrate your future industrial and tertiary projects into the existing environment thanks to Scan 3D.
With numerous references in the industrial and construction sectors, our engineers know exactly how to use the readings and model the environment of your future project.

NAVIGATE VIRTUALLY IN YOUR INTELLIGENT 3D MODELS

The 3D scan, once positioned in its environment, scans the space 360° in a single pass.
It thus generates readings made up of millions of pieces of data grouped together in a cloud of points that retranscribe the exact geometry of an installation. From the acquisition of the spatial data, we create an intelligent 3D model, a support for design and decision support.
This technology enables us to carry out surveys in confined environments, limiting human exposure, particularly in nuclear power stations, chemical and oil installations or the underground world.

EKIUM

Reverse Engineering 2/2

OUR ADDED VALUE

Thanks to our 10 years of experience, we offer you a complete and efficient 3D scanning and reverse engineering service. With numerous references in the industrial and tertiary sectors, our engineers know exactly how to use the readings and model the environment of your future project.

DELIVRABLES

> Several possible clarifications

> 360° panoramic photo possible

> Filtering, Colouring, Shifting

> Cleaning if surface or precise modelling

> Modeling of voluminous objects (Cylinder, cube...)

> Non-smart model

> Modelling of standard catalogue objects (Piping, carpentry, etc.)

> Intelligent model

> Surface object modelling

> Calculation of deformation or inclination

contact@ekium.eu