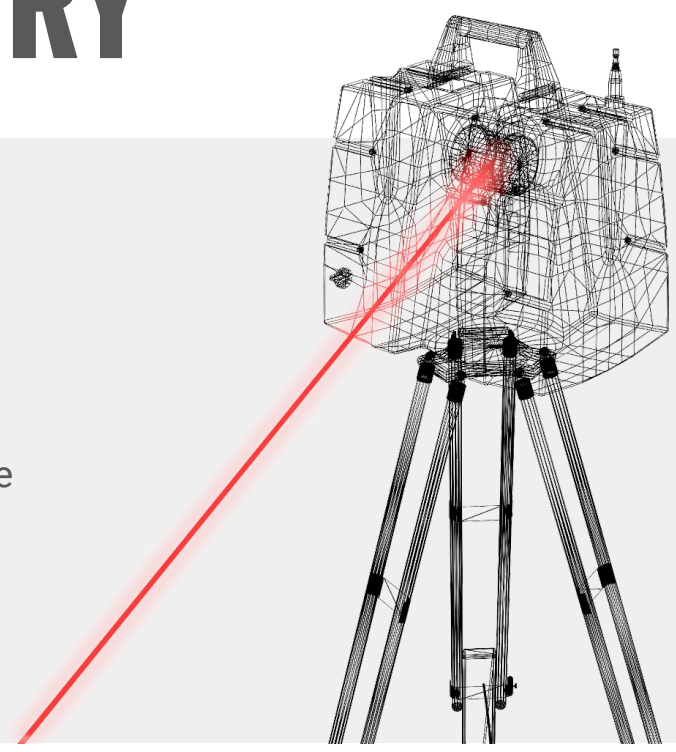
The Five Step

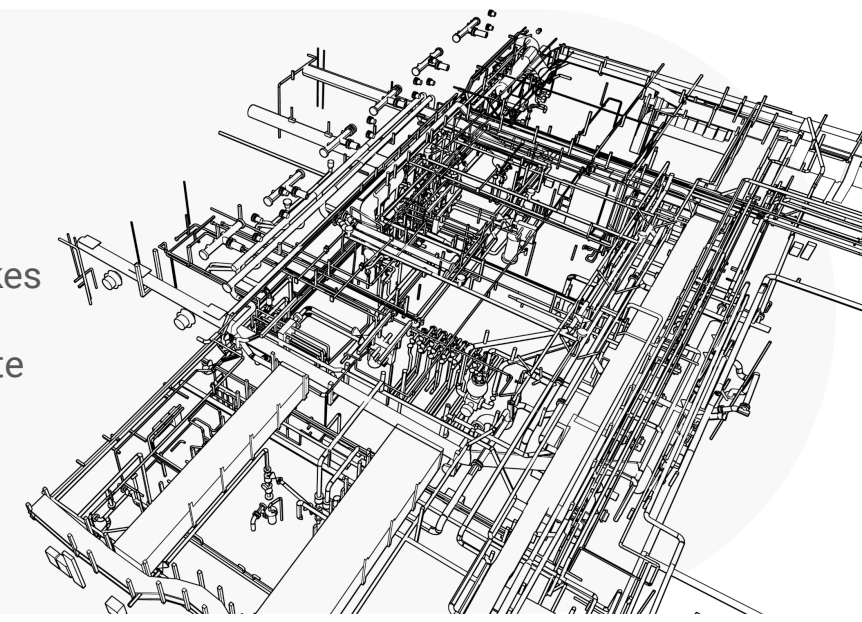
DIGITAL FACTORY



STEP 01

3D Laser Scanning

The entire site is scanned - saving time and money for further works. The control points are essential to ensure accuracy and become a reference for further work activities.



STEP 02

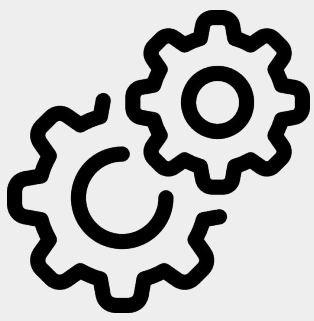
3D Modelling

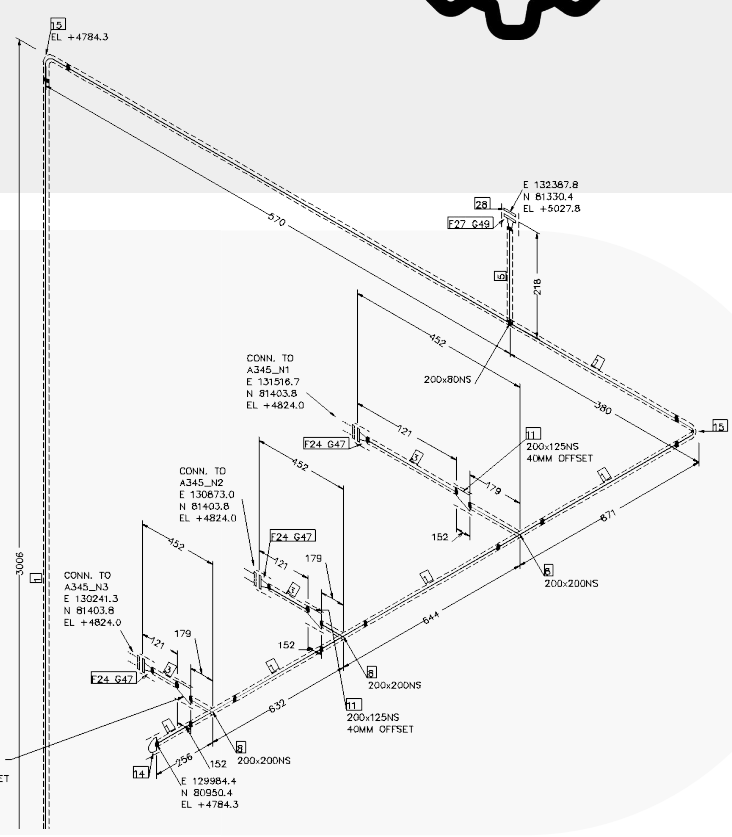
The modelling is carried out in stages and takes place on reconstructed sections. Modelling uses the CAD section of PDMS. Part of the site has been converted to a CAD model.

STEP 03

Engineering operations and Maintenance

By building digitally you are able to immediately virtually compare, test an access, cutting the decision making times to just days or even hours.





STEP 04

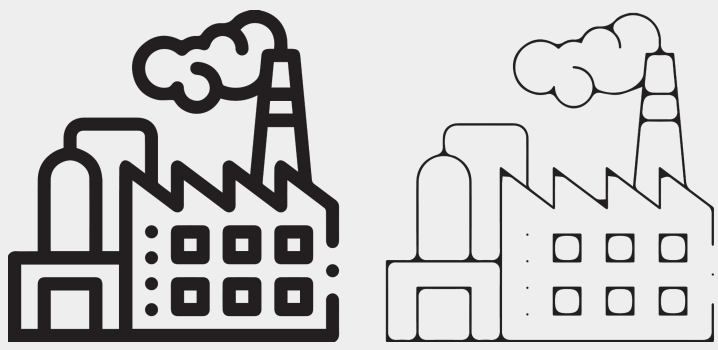
Much more value

3D geometry is synchronized with piping and instrumentation diagrams. The 3D model and 2D diagrams are kept up to date. ISO drawings are generated not redrawn, reducing the risk of error.

STEP 05

Complete DIGITAL TWIN of your plant

Complete model and database. Various simulations can be performed on the digital twin including: major construction works, boundaries of ex zones and dangerous fluid spillage or production risk analysis. Better planning of the assets with big data to optimize facilities management and maintenance.



Find out more at:
3DELING.COM