

SOFTWARE  
ENGINEERING  
LASER SCANNING  
SALES MANAGEMENT  
PROJECT MANAGEMENT  
MARINE AND SHIPMENT

Our firm was founded by a group of passionate and enthusiastic professionals who believe that their various different skills in the IT and three-dimensional plant design sectors can contribute to the creation of software solutions which stand out because of their quality, skill and innovation.

Our sales department has been enriched by the partnership with: **Bentley Systems** the world leader for the infrastructure engineering and innovative software, **AT4 Smart Service** for the maintenance software solutions and asset management engineering, **Oman Drydock Company** port and logistic center, plant engineering and shipbuilding, **WeScan Solutions** laser scanning, topographic and BIM modeling activities, **Singeca** software for the productivity of your engineering dept., **Salerno Consulting** Company project management and project control activities.

Our Company is registered at the Chamber of Commerce of the Canton Ticino, Switzerland.



**3Units Technology**  
Via Stefano Franscini, 4  
6830 Chiasso  
Canton Ticino, Switzerland  
Ph. +41 78 8728868  
www.3units.ch



Sales, software and engineering

Software  
Engineering  
Laser scanning  
Sales management  
Project Management  
Marine and Shipment

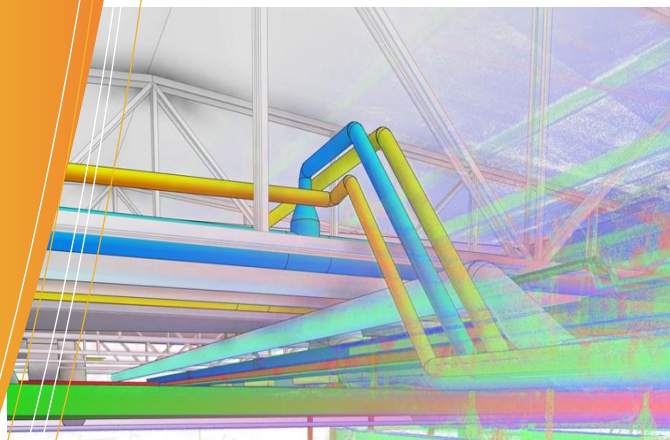


### LASER SCANNING

The combination of resources between our companies allows us to manage, and be competitive, even on complex projects that require a substantial effort of hours for data processing, model registration and their 2D / 3D processing (dwg format or other upon request); for architectural or building surveys we are able to provide compatible files for BIM design.

The main areas where we operate are: plant engineering and infrastructure, architecture and urban, geology, industrial archeology and cataloging, topography, etc.

The laser scanner technology, is today the most innovative, rapid and extremely accurate, to perform measurements of objects and surfaces of any complexity and size. The individual scans, reconnect to each other in space by means of unique points in common between them, it allows to obtain a digital model consists of millions of 3D points, corresponding to the reality and having milimetric-precision.

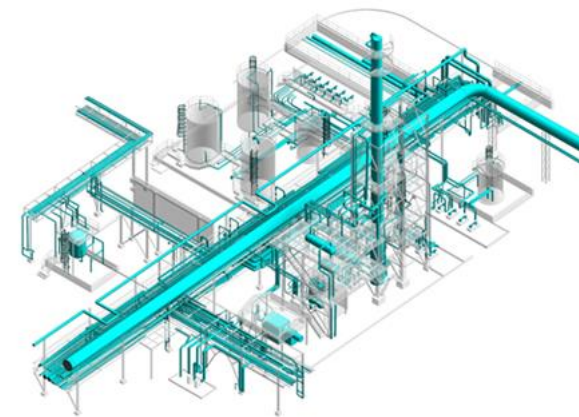


### BENTLEY SOFTWARE SOLUTIONS

Our Company has signed an important partnership agreement with Bentley Systems, the world leader for the infrastructure engineering and innovative software for **Italy, Switzerland and Malta**.

Bentley Systems is the infrastructure engineering software company. We provide innovative software to advance the world's infrastructure – sustaining both the global economy and environment. Our industry-leading software solutions are used by professionals, and organizations of every size, for the design, construction, and operations of roads and bridges, rail and transit, water and wastewater, public works and utilities, buildings and campuses, and industrial facilities.

Our offerings include MicroStation-based applications for modeling and simulation, ProjectWise for project delivery, AssetWise for asset and network performance, and the iTwin platform for infrastructure digital twins. Bentley Systems employs more than 4,000 colleagues and generates annual revenues of more than \$700 million, in 172 countries.



## Sales, software and engineering

### PLANT AND ANALYSIS ENGINEERING

Our team is composed of professionals with twenty years experience in the field of plant design (2D / 3D) and analysis (stress analysis) and is able to operate in the following sectors: petrochemical, iron and steel, shipbuilding, energy, water treatment, transport, etc.; we can use the most popular software on the market, such as: Autocad, Inventor, Smart 3D, CADWorx, AutoPLANT, OpenPlant, E3D. The team supports Customers throughout the project cycle, from layout viability to the preparation of shop drawings for isometrics, supports and steel ancillary structures.

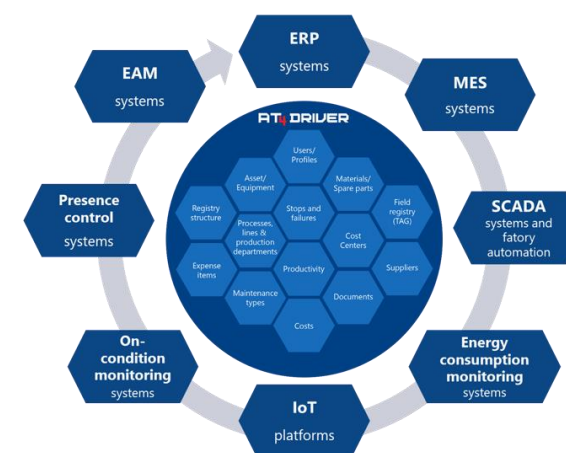
Among the plants we have developed we are particularly proud of our work on heating oil refinery furnaces. For such projects we have also carried out stress analysis on internal and external lines, the piping assembly development, isometrics, bills of materials and the specifications of the supports for burner supply lines, product input lines, transfer lines and decoking lines.

### Our major activities

Plant 3D engineering, Steel structure and civil design, Mechanical engineering, Fire prevention system design, E&I Engineering, Stress analysis, FEM analysis, Structural checks, Dimensioning of pressure vessel, Computational Fluid Dynamics (CFD), BIM modeling, laser scanning, reverse engineering, Architectural survey, Photogrammetric and Topographic survey.

### AT4 SMART SERVICE

Complete platform for asset management in accordance with ISO 55000. The main objective of the AT4 Smart Services platform is to increase the reliability, efficiency and productivity of industrial production processes through the design, development and implementation of the control system, support and management of maintenance best practices (World Class Maintenance and related concepts) and all related services.



Built with advanced technological and applicative solutions, it is based on concepts of deep learning, machine learning and artificial intelligence; it is fully integrated into the process of industrial digitization 4.0 to predict and prevent issues and allows decision-makers to drive operational efficiency through full control of all parameters and results of improvement actions.



### Software for engineering dept.

#### Drawings conversion

From .idw to pdf, dwg or dxf: just select the assembly, end export all parts drawings with one click.

#### 3D PDF from Inventor

Convert your models to 3D PDF to share them with whoever you want, make lists, spare parts catalogs, instruction manuals that put 2D and 3D together.

#### Custom Solutions

For Bricscad, Autocad, Inventor and Office users: Have you ever thought about how many tasks can be automated?



### Marine and shipment

3Units is the representative of Oman Drydock in the areas of Italy, Switzerland, Malta, Egypt, Libya, Bahrain, Saudi Arabia and Argentina for the development of maritime, logistic and port activities in the Duqm area in Oman, an important part of the project is also the technological development of the complex. With ODC we collaborate in the field of plant and shipbuilding engineering, mainly in the Persian Gulf area.