

[silwaCAM]

Maximize the efficiency of your facility by equipping your handling vehicles with a complete, precise, and reliable **RTLS (Real-Time Location System)**. This enables the optimization of missions, reduces time and supply chain costs, enhances safety, and minimizes accidents.

[The Software Solution]

- **COMPLETE VEHICLE LOCATION SYSTEM**

silwaCAM is a complete Real Time Location System (RTLS), which includes all the components necessary to enable the precise **location of vehicles and humans within facilities**, regardless of size, complexity, and technologies adopted.

- **ACCURATE REAL-TIME LOCALIZATION**

Conceived by Stesi to give any plant an edge, silwaCAM operates in real time with **very high levels of accuracy** and is easily integrable with any pre-existing logistics system.

- **A SCALABLE QUALITY SYSTEM**

Excellent performance, combined with Stesi's flexibility and experience, make silwaCAM a value-for-money product, ideal for companies that want to break down inefficiencies and turn logistics into a **competitive advantage**.

- **TOP TECHNOLOGY, AFFORDABLE PRICE**

silwaCAM uses optical technologies that offer performance comparable to other popular solutions, but with lower costs and **greater ease of implementation**.

- **EASILY EXPANDABLE SYSTEM**

The RTLS system can be **integrated with sensors** designed to measure load weight, fork height, and the load/unload status of the forks.

- **AN ALL-IN-ONE SOLUTION**

silwaCAM is a **comprehensive solution that includes hardware and software** and is part of Stesi's silwaSUITE. Depending on the company's needs and equipment, a different configuration can be provided.

[What silwaCAM can do for you]

silwaCAM allows you to know the position of a moving object in real time. This enables the business to significantly lower expenses while improving the efficiency of its facility and resources.

- **Knowing the location of forklifts in realtime** helps optimize routes and missions, reducing handling times
- Thanks to the vehicle tracking system, loading units can be **identified without reading barcodes or RFID**.



- RTLS technology enables **“GPS-like” guidance systems for material handling vehicle drivers**, automating route selection and picking/storage operations.
- Geolocation allows real-time **monitoring of activities**, hence productivity enhancement.
- RTLS systems give precise mapping of the logistics environment, which can be visualized in 3D.
- Injuries can be **prevented** by reporting proximity between vehicles and men.



[Integration]

silwaCAM is a comprehensive and highly integrable solution, designed to operate in any environment, regardless of the technologies and IT systems adopted.

silwaCAM leverages the experience and expertise of Stesi, an Italian company active since 1996 in the development of software solutions for logistics and manufacturing optimization.

[Benefits]

- **INCREASED PRODUCTIVITY OF VEHICLE FLEETS**
RTLS helps reduce the distances covered by vehicles, optimize tasks, and increase productivity in the unit of time.

- **SUPPLY CHAIN SYSTEM COST REDUCTION**
Optimizing missions and reducing vehicle operational time has a positive impact on the costs of all executive activities.
- **INCREASED PRODUCTIVITY OF OPERATORS**
Localization, with associated route reduction, lowers time spent on each transportation mission and increases resource productivity.
- **REDUCING ENVIRONMENTAL IMPACT**
Refining and minimizing vehicle routes also has an important impact on environmental sustainability.
- **ELIMINATION OF LOAD UNIT SCANS AND LOCATION SCANNING**
Real-time tracking of handling equipment and load units makes barcode scanning unnecessary, resulting in increased operational efficiency.
- **INCREASED PLANT SAFETY**
Knowing the position of vehicles and operators enables the integration of safety devices and anti-collision alarm systems between vehicles and personnel, leading to a significant reduction in accident risk.



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