



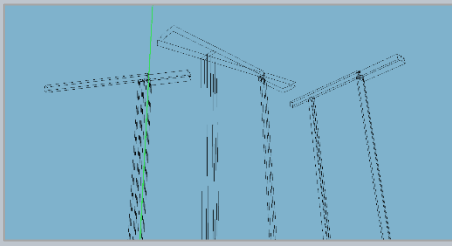
THE NEW GENERATION OF ANTI-COLLISION SYSTEMS

With over 30 years of experience, SMIE continues to lead the way in the development and use of anti-collision systems for lifting machines around the world. Ever innovative, SMIE continues the development its new generation of anti-collision system: ProSITE. This modern system builds upon the fundamentals that made SMIE's reputation over the years: product quality and reliability, accuracy in the management of safety and a strong relationship with the end-users.

ProSITE is a user-friendly, total lift management solution, easy to install and set, providing much more than security alone.



More safety for safer sites



3D Modeling

PROSITE is based on an innovative Anti-Collision management technology. With high calculation capacities. Movements and positions of objects are fully modeled in 3D and allow accurate management of all elements.

Management in relative positions (X, Y and Z) allows all machines created to benefit in real time of all the changes made on the site.

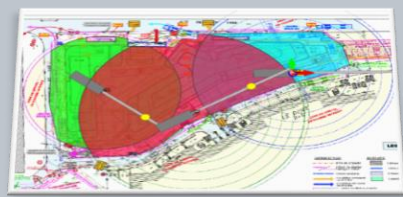
With redundant Anti-Collision radios (up to 3 radio networks), the transmission quality is permanently controlled. The risks of external disturbances are covered so the anti-collision management stays active without interferences.

The crane driver dashboard is formed by a 10" LED touchscreen display with high brightness capabilities allowing him to better visualize his work environment even in sunny conditions. This enhances drivers' understanding of situations for more security for himself and for others.

Testing points allow daily checks to be carried out and data-logged in order to ensure good operations of the system in accordance with the regulations.



Map management is XYZ



Increased productivity - Intelligent positive security

The SMIE positive security, besides being reinforced, is especially optimized through intelligent sensor management. Inopportune slow down disappears to ensure driving comfort, maximum reliability and minimum disruption.

Further to this, the new ProSITE Anti-Collision radios are programmable on dedicated frequencies to prevent communication loss due to the use of free band frequencies. This ensures optimal system operation.

Weather conditions that directly impact the projects (wind...) are data-logged in the system and can be extracted.

ProSITE therefore provides a must-have tool for site managers to optimize their resources.

ProSITE complies with EN ISO 13849-1 Plc

ProSITE is the perfect tool to help improve productivity without compromising with site safety.

Optimized ergonomics – For better understanding

PROSITE is equipped with a 10" LED touchscreen and provides the crane operator a clear understanding of its environment for optimized use of its crane: view of prohibited areas, interference with other cranes, status of cranes (free slew, radio network, ...).



New feature: The "active working point": With a single click the system can assist the driver in targeting a working point by controlling the trolley movement. The driver can concentrate on his slew and swing



The service radio - A new way of communication

With its new service radio, ProSITE brings an innovative mean of communication.

By providing a service network independent from the Anti-collision radios network (RAC), the ProSITE's service radio opens up a world of new features like safety, productivity and usability:

Remote Bypass, access to datalogg stored in central unit on cranes...

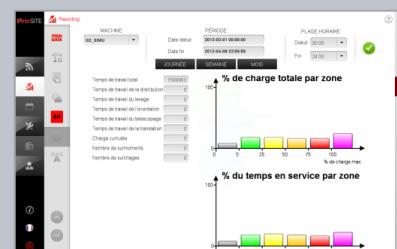
Installations and updates are also facilitated. Through the remote connection, change of settings of the site require lower climbs of cranes and less machine downtime improving both safety and productivity.



Datalogg of events – Always an eye on your crane

Whether it is movements, lifting cycles, history of bypass and defects, all events are recorded in the central unit of ProSITE. They are easily accesible and can be dowloaded remotely.

Through the cartography, the mapping of the movements of all cranes help optimize your lifting operations by analyzing daily use.



Compatibility – A universal system

With more than 40 years of experience worldwide, SMIE has a huge experience on interfacing its anti-collision systems with all types of machines and cranes.

Moreover, ProSITE is compatible with all existing SMIE systems.

ProSITE – A simple installation on all devices



Tablets

Laptops



Office computers

SMIE - A full range of solutions for cranes



Cameras

A camera especially developed for crane drivers, wireless with solar panel and/or auto-contact. This camera can be used on all types of cranes: Tower or mobile cranes, luffing jib, crawlers ...

Air beacon

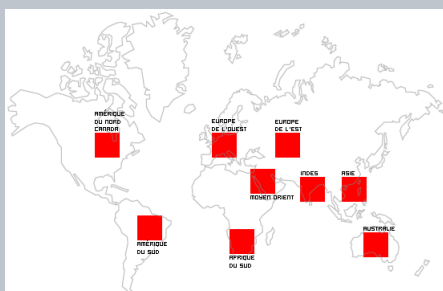
Air navigation devices ensures cranes visibility in areas where air traffic requires it and in accordance with O.A.C.I standards.



Anemometers

A complete range of anemometer specifically developed for cranes.

The strength of a leader - a reputation and an international network



International notoriety,
Optimum territorial coverage,
A presence worldwide,
The largest installed fleet,
An eye on all new markets,
A team of passionate experts,
Proven reliability,
The power of a regularly trained and efficient network.

