



NEWS



Trend

Autonomous machines: keep control of your fleet!

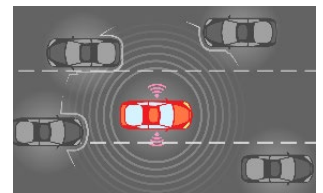
Automation on industrial and logistics sites continues to increase at a robust pace to boost productivity and relieve operators of tasks that might cause occupational diseases. Battery powered autonomous robots, more and more numerous on the same site, force to rethink safety for goods and people.

How to anticipate and control their behavior in case of an accident?

For many years, components like LIDARs, cameras, RFID, have been ensuring, on each robot, the safety for people around: in the event of an obstacle, they slow down or stop. The challenge, particularly in case of a fire or a power failure, remains then to manage all other robots moving around. Is it necessary to stop them all? How to pinpoint their localization? How to restart quickly and safely all these robots?

Radio technology...

It provides solutions... Many leaders in intralogistics or industry 4.0 have proven the reliability of radio as well as its flexibility. The principle is simple: a transmitter sends a safety signal over the area to protect. Each robot is equipped with a receiver which triggers an automatic shutdown as soon as the transmitter orders it. The system allows time for machines to record the stop position of each robot for a quick and controlled restart.



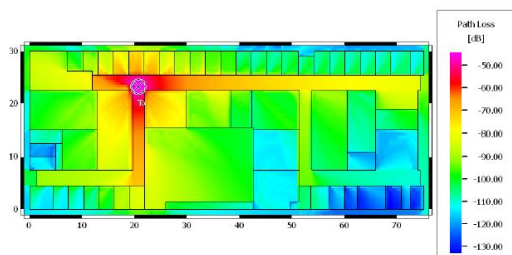
Bearing this in mind, we designed the RadioSafe solution. Thousands of mobile machines (AGV, AMR, ASRS, manufacturing platforms...) are equipped with it already. Each of them embeds a safety receiver, RSRDevice, that is constantly in communication with the safety transmitter RSEF. We also supply all the accessories which ensure a reliable radio link and the upgradability of the installation. Thus, RadioSafe uniquely meets the challenge of simply and efficiently securing highly productive industrial activities.

Mapping radio

Radio is not a mystery any longer...

With RadioSafe, you can create, in real conditions, a map of your mobile machines' radio link in order to ensure an optimal reception of the radio signal.

Improve or upgrade your installation: we will support your project!



Release

Our new brochure is online!



It has just been published! As an overview of our different radio remote controls' ranges, it presents our product series and the way to design safe solutions with them. Explore it!

You can consult and download it on our website www.jay-electronique.com... Have a nice reading!