

Smart Proximity, an Integrated Platform for workplace personal safety

In the days following lockdown, when the Covid-19 infection will have been contained but before any vaccine will be available, the first rule to ensure personal safety in the workplace will be social distancing, or maintaining a secure distance from coworkers.

How can an organization get back to business,
while protecting the health and well-being of its own employees?
How can technology help ensure safety in your workplace?

Smart Proximity is an integrated platform that analyzes, monitors and predicts potentially harmful behaviors in the workplace. It operates in real time, sending warning messages to workers who do not abide by the appropriate safety distances.

Each operator is equipped with a wearable **Proximity Sensor** (e.g. a wristband), which communicates with one or more nearby sensors by sending and receiving information.

The data generated is then sent to a server that creates a relationship graph and monitors, in real time, the respect of safety distances between operators (**Proximity Monitor**).

When two sensors register that the safety distance between two operators is not respected within a specific time interval, it immediately warns them (**Proximity Messaging**) through vibrations, LED or sound.

Data analysis (**Proximity Analytics**) enables you to take preventive and proactive actions to ensure the safety of your operators.

Benefits



Monitoring safety distances
between operators
in real time



Identify dangerous behaviors
and relationship clusters



Analyze behavior to ensure
safety standards and rules
are enforced



Low infrastructure costs
(leveraging existing WiFi
and other networks)



Send alerts to employees
to warn them of potentially
damaging behavior

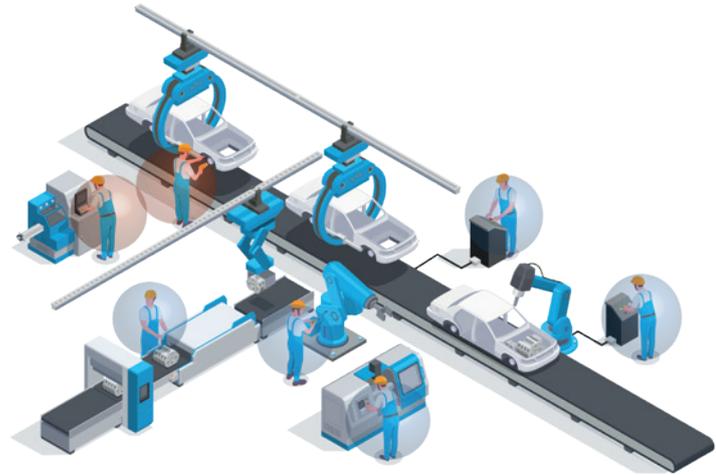


Ensure the protection
of the individual's privacy
and data



Easy and fast
deployment

Features and Applications



Storage of critical proximity data



Reliability and availability of data on distributed architecture



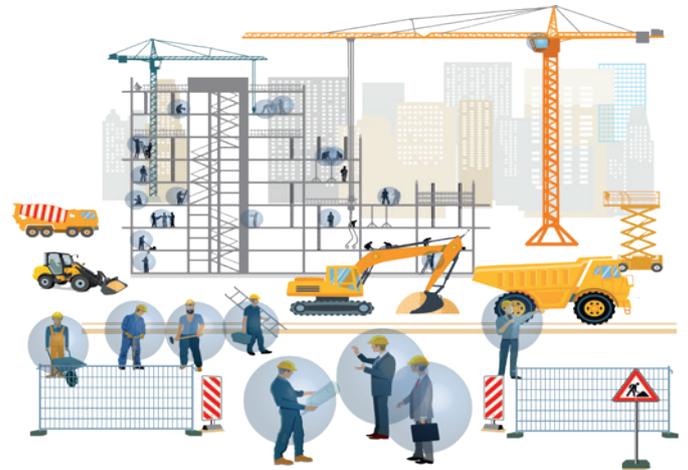
Monitoring dashboard to identify critical behavior and report anomalies, in real time



Integration with external systems through standard communication protocols



Security, verification and validity of data collected



The World WE LIVE IN

- Augmented City
- Smart Transportation
- Smart Energy & Utilities
- Digital Media & Communication

The World that LOOKS AFTER US

- Smart Government
- E-Health
- Digital Defense, Aerospace & Homeland Security

The World WE WORK IN

- Digital Industry
- Digital Finance
- Digital Retail & Fashion
- Smart Agriculture