

Indoor parameter monitoring system

Working and living in closed environments can be stressful because of poor ambient conditions.

A poor work environment will always slow down productivity, which will cost the business money. It can cause employees, current or former, to spread bad remarks about the enterprise, that can be particularly damaging.

Aside from the marketing point of view of damaging the image of a company, a bad working atmosphere can have a significant effect on individual employees. Several studies have found that poor working conditions can cause long-term health problems including stress, depression and anxiety.

On the other hand, a healthy, clean work environment will have a lot of positive effects, seen both on the welfare of the individual employee as well as on the business's bottom line. When people are happy with the work they do and the environment where they are doing it, it is proven that they will be more productive and make less mistakes. Just as negativity is contagious, so is positivity.

To increase efficiency in such environments is required, among other things, to provide balanced living conditions and to issue warnings if the monitored parameters are not conformant, so that the eventual inhabitants can act upon.

Our product is meant to solve this issue by making use of one or more devices equipped with the required sensors for measuring parameters such as CO₂, temperature and humidity. The data will be stored in a database, processed and then displayed through an Android mobile device as a user-friendly interface.

The acquired data will be compared to some reference data so that the end user will get a visual warning in case of unfitting living conditions and benefit of different reports with selected metrics.

The scope of usage of our product can range from private users to public institutions and offices, allowing them to boost up their productivity or just to benefit from a high-quality life.