

## PROBLEM/ISSUE ADDRESSED

Manufacturing is a complex process with high probability of health & safety risks for the involved business roles. Manufacturers' experience shows that environmental conditions of the production area strongly affect human performance.

## SOLUTION

ASSISTER will bring to the market a real-time system for remote measurement of key comfort parameters in manufacturing workplaces. ASSISTER develops an Industrial Internet of Things (IIoT) solution for temperature, humidity, air pressure, air quality, and noise data acquisition, directly connected to the business role activities.





## WHY IT IS IMPORTANT FOR SOCIETY

ASSISTER eliminates the need to manually and physically check factory floor conditions, ensures employees' comfort and brings performance benefits to manufacturers.

“ Thanks to EIT we were able to build this innovative idea into a product ”



## MAIN RESULTS & INSIGHTS

-  • IIoT edge device to measure air pollution and air quality
-  • IIoT edge device is capable to measure audio noise
-  • Cloud platform for the integration of the Edge devices
-  • AI algorithm for recording and assessment of the edge devices data



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### MAIN PRODUCT

ASSISTER project

**AIM:** IIoT for operational visibility and operator Health & Safety in harsh industrial environments