

PROBLEM/ISSUE ADDRESSED

The assistance to workers in the shop floor is the new frontier of application of voice control technologies, enabling the possibility for operators to get access to information systems without using the usual interfaces like keyboards or touch screens. The availability of the right information in the right moment for the right user is one of the lever for higher efficiency and better consolidated knowledge usage.

SOLUTION

K-HUB solution proposes a voice control system, capable to operate in the noisy conditions of the shop floor, which provide the information and data required during maintenance system avoiding the pain of navigating into articulated legacy systems and offering the possibility to manipulate the document visualization with vocal commands, while the hands executes other tasks.

WHY IT IS IMPORTANT FOR SOCIETY

The availability of the digital information at the shop floor and the multi language option enable a workforce upskill and the possibility to boost diversity and inclusion in the shop floor, speeding up learning phase for new hired or not experienced people. Also the impact on environment is positive as driving in the direction of a sustainable paperless factory

“ Thanks to EIT we were able to integrate the voice control with a sophisticated search engine to ensure access your docs by voice in the shop floor)



MAIN RESULTS & INSIGHTS



- Platform availability in English and Italian version



- Document manipulation with vocal control



- Intelligent search in complex documents repositories



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MAIN PRODUCT

K-HUB platform
AIM: Support maintenance activities with voice control assistance for documents access in the shop floor



<https://www.k-hub.eu/>



<https://www.linkedin.com/company/spix-industry/>