INTWASH

INTERNATIONAL RESEARCH FOR THE DIGITALIZATION OF THE LAUNDRY INDUSTRY

Gera-Ident contributes expertise on the topic "Future of RFID" to an international research project

Will laundries be controlled fully-automatically by artificial intelligence of the future? This is one of the key questions in the research project "IntWash", in which Gera-Ident is involved as a project partner. The abstract main question raises numerous other questions. For example: "What key role does RFID play in the digitalization of laundry processes?" For this part of the research, employees of Gera-Ident are represented as RFID experts in the research network headed by Hohenstein, a testing service provider and research partner along the entire textile value chain. Gera-Ident is responsible for the research focus on how RFID can be used in the best possible way in the complete laundry supply chain.

WEBCASTS, PUBLICATIONS, AND CONSULTING SERVICES

The project findings are supposed to support the digitalization of the textile value added chain via workshops, webcasts, and publications. In parallel, the project findings can be used to improve environmental protection and work safety.

KNOWLEDGE PLATFORM FOR LAUNDRIES

One objective of the project is the realization of an internet platform as a knowledge portal, on which the acquired know-how will be bundled. Best practice approaches for the introduction of Industry 4.0 concepts will be collected and presented. By cooperating with the American laundry industry, the platform is intended to promote an international approach to solutions.

DIGITAL WORKING WORLD AT LAUNDRIES

Gera-Ident contributes cross-sector experience from process automation in various industries. Already defined integrations can be transferred completely or only partially to the laundry sector. One question is how employees can be involved in the best possible way on the path of digital transformation. Manual activities will continue to be in demand – even if in a changed environment.

USE OF RFID IN LAUNDRY

Gera-Ident does not focus on individual products in the project. Instead, the use of RFID in the entire value-added chain between laundries, suppliers and customers will be considered and examined. The experts at Gera-Ident describe the advantages and obstacles when RFID is to be integrated and define the challenges that cannot be solved without further development efforts. Bridge solutions are shown and interfaces to other technologies are described. The objective is to precisely map all aspects of RFID deployment in the complete, cross-user supply chain.