

Project name:	Smart label for measuring and monitoring product storage and transport conditions
Description:	Development of a smart label for measuring and monitoring product storage and transport conditions, optimizing smart label components, assembling all parts into one whole, developing software code for data archiving and communication with users, optimizing device performance, testing the accuracy of measured data in the device.
Webpage:	https://smarttsticker.ferit.hr/
Source of finances:	European Regional Development Fund, Call "Investing in Science and Innovation" - First Call
Beneficiary:	J.J. University Strossmayer in Osijek, Faculty of Electrical Engineering, Computing and Information Technologies Osijek
Partners:	University of Slavonski Brod, Faculty of Mechanical Engineering in Slavonski Brod
Project budget:	2.231.639,40 HRK
Duration:	20.12.2019. – 20.12.2022.
Location:	Osijek, Slavonski Brod
Target groups:	Consumer goods manufacturing industry, consumer goods distributors, food, pharmaceutical and chemical industries, retail chains, electronics and consumer electronics manufacturers
Objectives:	The project will increase the currently low level of automation of the process of storage and distribution of palletized and individual products. After the production of a particular product, the buyer, distributor and seller do not have information on the conditions of storage and distribution. Constant monitoring of the product and its environment (temperature, humidity, vibration, ...) from production to the user provides all actors with insight into the conditions of storage and distribution. The main users of the smart label would be the consumer goods manufacturing industry, consumer goods distributors, the food, pharmaceutical and chemical industries, retail chains, manufacturers of electronic equipment and consumer electronics, etc. The results of this project proposal are examples of smart label prototypes. Unlike existing systems, a smart sticker could be read by any customer using a smartphone. This way the customer would be sure to buy a properly stored and distributed product.