



AUTOMATED IDENTIFICATION AND LOCATION OF OBJECTS IN THE POINT CLOUD

Ideas on utilisation

The offer concerns the solution locating and identifying the set elements automatically in the production process that do not meet the assumed quality requirements. The solution is in the form of advanced algorithms and parts of the software that can be implemented in production devices and / or integrated with the software controlling the production process.

Potential adopters of technology

The solution

Advantages of technology

The main benefits of applying the result in industrial practice:

- Automation of the operation of product quality control;
- Automation of identification, location and physical capture of defective products / undesirable effects of the production process;
- High precision of operation;
- Flexibility and versatility of the solution which can be used in a lot of industries.

Thanks to the implementation of the solution, it is possible to reduce the costs associated with the manufacturing of products that do not meet the set standards (in particular, costs resulting from returns, complaints, etc.).

The economic benefits associated with the application of the solution result mainly from the improvement of the quality control system and the improvement of production processes, which may translate into a few percent increase in production profitability.

Market and context of technology

The offered solution can be used in a lot of industries with the production/ confectioning process. In particular, the solution can be used in production processes for product segregation due to dimensional parameters, e.g. size of machining allowances. Due to the high adaptability and versatility, it can be adapted to a wide range of cases.

Preconditions in adopting enterprises

Not expensive investment (for an established producer).