

SANTEX  
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GROUP



**Guard One**

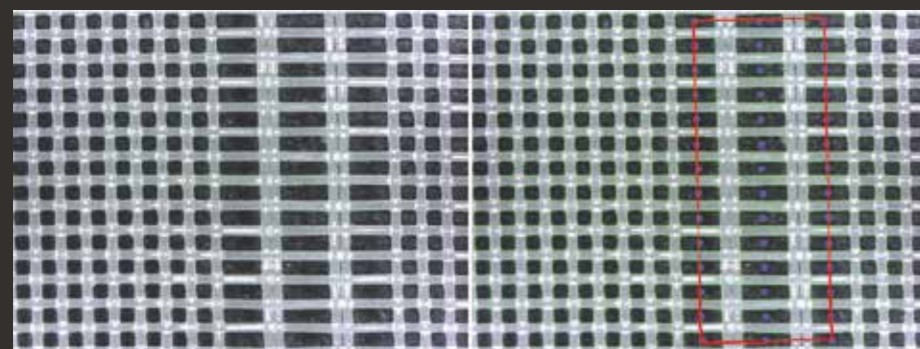
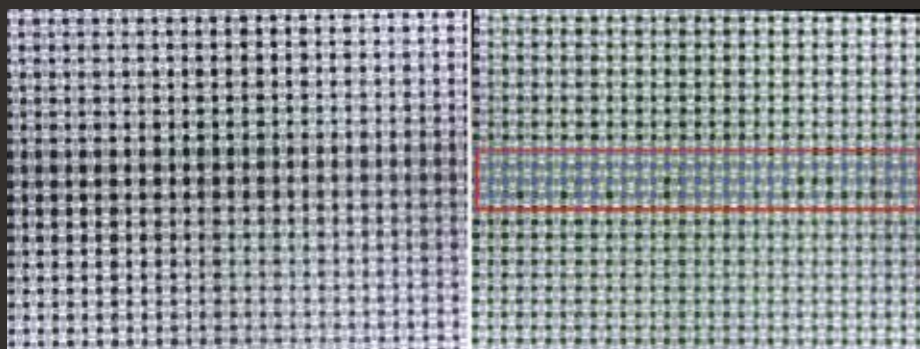
Quality control system

## Guard One is a real-time quality control system based on visual monitoring

With a high definition camera positioned on a sliding bar, Guard One is able to scan the whole fabric length controlling the structure of the fabrics from a few centimetres distance.

Guard One can detect and identify breaks in real-time during fabrics production of a wide range of applications.

Pictures are stored in the Guard One cloud: once identified, the defects are categorized, and the system can make a map along the fabric in order to have the precise position of every detection and allow fast intervention.



Examples of images processed by the algorithm highlight two common weaving defects of a micrometric fabric: a weft bar and a stop mark

The speed of the production processes is the hardest challenge and at the same time the biggest opportunity to develop new business models in the textile industry in order to satisfy new users' needs

**Guard One protects your profitability and production consistency!**

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