papertech

SOLUTIONS FOR
PACKAGING
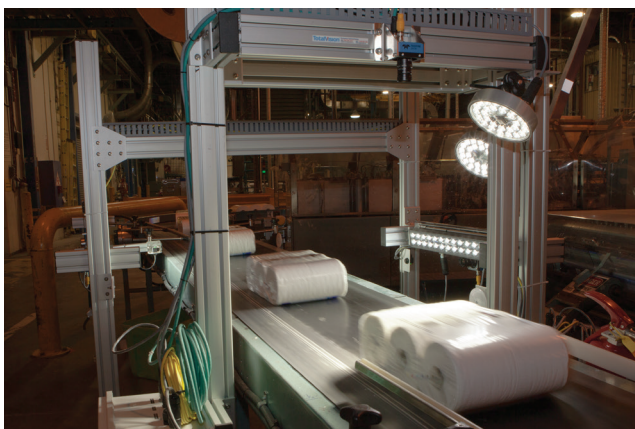## Machine Vision Solutions for Packaging & Converting Lines

Custom Tailored Solutions

Many of our customers rely on Papertech's TotalVision solutions to improve their manufacturing and converting processes. We also believe that no two customer's needs are identical. With this in mind, we have delivered vision solutions tailored to meet specific customer needs for more than 20 years. When these customers asked Papertech to also consider their packaging and palletizing needs, we delivered a hardware and software toolset that can be used to visually monitor these processes and to also inspect packaged product for quality defects.

Errors or flaws in a packaged product's presentation can affect brand perception making it paramount to inspect for quality issues prior to delivery. Typical packaging problems that need to be detected prior to the package being placed on a pallet include: misaligned product in a package, holes in the wrapping or packing material, incomplete closure of the package or wrapper and improperly placed or printed labels. Papertech's packaging inspection solution can visually inspect a package for all of these flaws or other quality criteria that the customer identifies. All required cameras and lights can be placed on a packaging line without a disruption of the existing process.
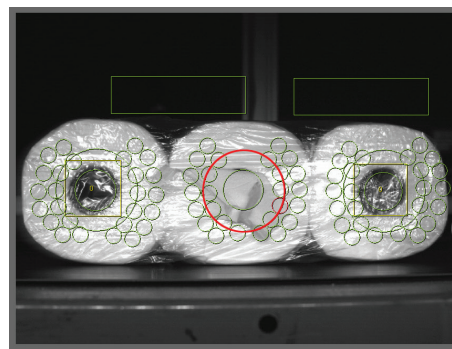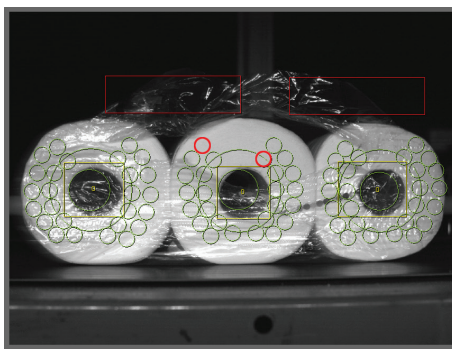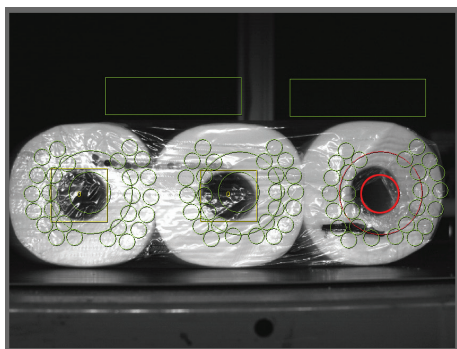

Lighting is application matched. Here a light highlights the top edge of a tissue package where the plastic wrap is folded and sealed.

Lighting is application matched. Here a light provides illumination for the detection of labeling problems on the package.

Smart Choice

Papertech's inspection solution utilizes smart cameras with a set of software tools that make system configuration simple and quick. The customer need therefore not be concerned about the system adaption to meet new quality requirements or changed packaging. All cameras also act as inline sensors, meaning that they are able to provide alarm outputs without the need for a central computing system or a separate operator interface.

The software toolset allows inspection regions to be easily set. Defects in the set regions will be identified by red circles. The examples shows defects that could represent holes, sealing problems or tissue artifacts.

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About Papertech

Papertech has developed vision solutions for a variety of industries since 1996 and more than 1000 or Papertech's TotalVision systems now operate in 35 countries. Our advanced, easy-to-operate TotalVision™ video event capturing solutions offer fast and effective methods of solving a wide-range of production line runnability issues in order to increase line efficiency and reduce production costs. Papertech's customers consider TotalVision™ critical to the success of their business; over 80% of Papertech's business comes from existing customers. Our new packaging solution is just another example of how Papertech is able to use its vision expertise to meet the needs of various industries including steel, laminate, and nonwovens. For more information on Papertech's solutions for industry, please visit our website at www.papertech.ca

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