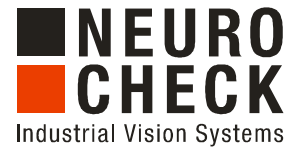## FSI Product and Engineering Updates

Machine Vision Software News

NeuroCheck 6.0 – Upgraded Matching Capabilities

Many people recognize NeuroCheck as a pioneer in rotary template matching for machine vision. NeuroCheck 6.0 features upgrades to this tool that make the software even more powerful. Specifically, the software can not only locate randomly oriented objects, it can locate the object, move/orient tools for inspection and transmit the mathematical data associated with the adjustment of the tool to subsequent tools being used in the inspection. As a result, multiple steps in the program (which were previously required) are now unnecessary, making for a smarter, simpler inspection program. Thank you NeuroCheck 6.0!

EVT Software EVT Software offers the SmartMatch tool for locating/identifying objects

EyeVision machine-vision software contains a tool entitled "SmartMatch" that is ideal for locating/identifying objects. Specifically, this tool will find and recognize objects based on their graphic profile, shape and outline and inspect that object based on the characteristics and features that are defined by the user. With one click, it is possible to configure an object, identify its rotation position and determine whether or not it corresponds with the original. This command adapts seamlessly into the EVT software, simplifies many of the measuring and inspection tasks usually required and is extremely fast, making it an ideal choice for high-speed applications. It also makes complicated inspection systems, such as part sorting and stamped part inspection, easier and faster to accomplish. For more information about the latest EyeVision software techniques, contact us at customerservice@fsinet.com.

FSI Engineer discusses probing vs. sensing vision applications via AIA Article

Fred Turek elaborates on how FSI Technologies is using non-visible machine vision in the AIA article "Now You See Me…Non-Visible Machine Vision Applications Increase". To read the article in full, visit:

http://www.visiononline.org/vision-resources-details.cfm/vision-resources/Now-You-See-Me-Non-Visible-Machine-Vision-Applications-Increase/content_id/3842

FSI Machine Vision: Caps & Closures Inspection Systems FyrEye-5600

The FyrEye-5600 has successfully inspected a range of caps and closures for defects prior to installation on the product. This system can assist in finding defects on cap threads, seal inserts, perforations, molding and dimensional attributes. For more information on the FyrEye-5600, click here:
http://www.fsinet.com/Download/FyrEye-5600-02%2520Caps%2520&%2520Closures%2520Inspection%2520Systems.pdf.