BRIGHTPOINT AI

USA | Canada | UAE | Africa | India

ENHANCE THE STANDARD

AMPLIFY PRODUCTIVITY

FOSTER SUSTAINABILITY

DefectGuard »

AI-Powered Visual Defect Detection

Discover how our AI solutions can assist in creating a manufacturing environment that is more agile, collaborative, and sustainable

DefectGuard Automates Defect Detection, Boosting Efficiency And Accuracy »

DefectGuard by Brightpoint AI is a visual inspection solution powered by AI, enhancing quality and efficiency within the manufacturing sector. Leveraging adaptive AI, it actively monitors and adjusts to shifts in the manufacturing environment. Additionally, it incorporates unsupervised learning to classify defect types and uncover novel ones.

With a swift implementation timeline, the solution seamlessly integrates within days. It provides flexible deployment choices, allowing real-time implementation either on-premises or in the cloud. This empowers high-volume production lines to leverage AI for the prompt identification of sub-quality products.

Key Benefits of using DefectGuard

➜ Real time defect detection

➜ Always on (24/7) fully automated defect detection

➜ High accuracy, able to detect defects invisible to naked eye

➜ Improve speed of defect detection and corresponding removal of defective item

➜ Multiple items can be inspected at same time with same defect detection process

➜ Less dependency on human action

➜ Improve plant and worker safety

➜ Enhance worker productivity

➜ Free up time of quality manager or machine operator for more productive tasks by using their expertise

➜ Can easily spot new and varied defects without change in hardware or IoT sensors

DefectGuard offer several Advantages over Traditional QA Systems

Tailored for Manufacturing Professionals

Instant, Large-scale Detection

Adaptive, Self-repairing AI

Compatibility with Any Camera, Still or Video

Swift Implementation

Make Data-driven Decisions
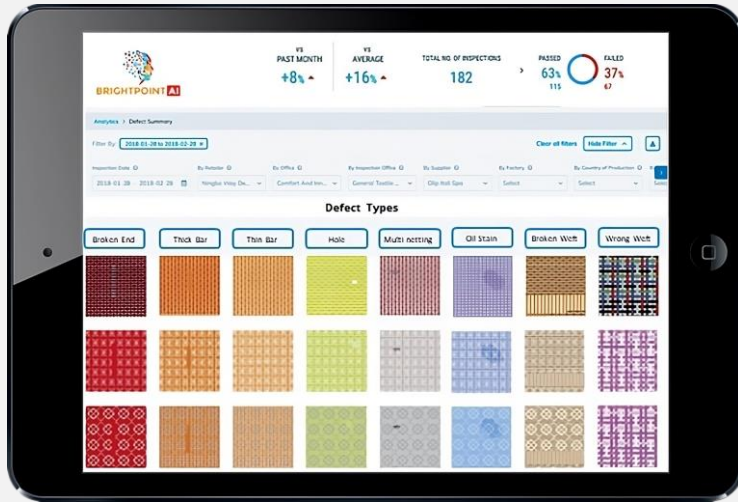

➔ Determine optimal operating conditions for maximizing production and ROI

➔ Identify the root cause of defects to prevent manufacturing defects in the future

➔ Pinpoint areas in the value chain that require changes to enhance the efficiency of the production process

➔ Eliminate wastage

➔ Identify supply chain issues and provide insights into suppliers

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Call us for an AI Assessment