Scoutcam
VISUALIZING • ANALYZING • PREDICTING

From
VISUAL SENSOR
to INSIGHTS

The Industry 4.0 revolution created an increased demand for various sensor-based platforms enabling the collection and analysis of system's health data.

ScoutCam takes fault detection and prediction to the next level. Leveraging the use of its field-proven visual sensing & video analytics , customers in varying sectors now can have eyes within the heart of their critical systems, enabling them to see and monitor areas which were never previously accessible. In addition, proprietary AI algorithms are at hand to provide alerts and trends on various faults and anomalies.

Enabling PdM Implementation

Pioneering the use of its visualization and video analytics solution, ScoutCam's technology accompanied by specialized trained AI models is being deployed in hard-to-reach locations and harsh environments, across diverse Predictive Maintenance (PdM) and Condition Based Monitoring (CBM) use cases in: aviation, energy, transportation, and medical sectors. Our solution's resilience to extreme conditions has been successfully demonstrated in a variety of environments, including outer space during NASA's Robotic Refueling Mission (RRM3), Rolls-Royce, Westinghouse, Israeli Air Force and the largest Fortune 500 medical company.

Cutting-edge technology

Just like 80%-85% of human perception is related to visual sensing, ScoutCam's solution enables users a sight into the depth of their systems.

Visualize. Embedded micro camera certified for Medical, Aerospace and industrial solutions

Analyze. Multilayer analytics and decision support for critical faults and anomaly detection based on AI/ML

Predict. Cloud based IoT solution for effective diagnostics and predictive maintenance health monitoring

Landing Gear Condition Indicators

Monitoring Cable Health

Then, our patented algorithms analyze and translate this data into insights used as part of the product's predictive maintenance program

About ScoutCam

ScoutCam is a global leader providing innovative, custom-tailored visualization solutions to organizations across numerous industries based on small and highly resistant video-based sensors, patented AI algorithms and supplementary technologies.

ScoutCam's team of professionals and experts span multiple technology fields, including hardware and software engineering, data science, product, operations and industrial design.

Increase Safety

Lower Downtime

Spare Parts Management

Implement Predictive Maintenance

Insights

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