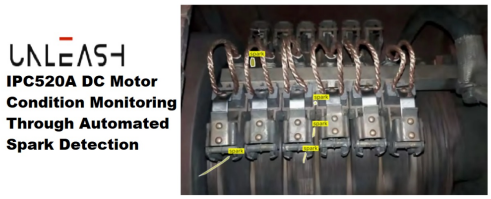

UNLEASH IPC520A DC Motor Condition Monitoring Through Automated Spark Detection Instructions

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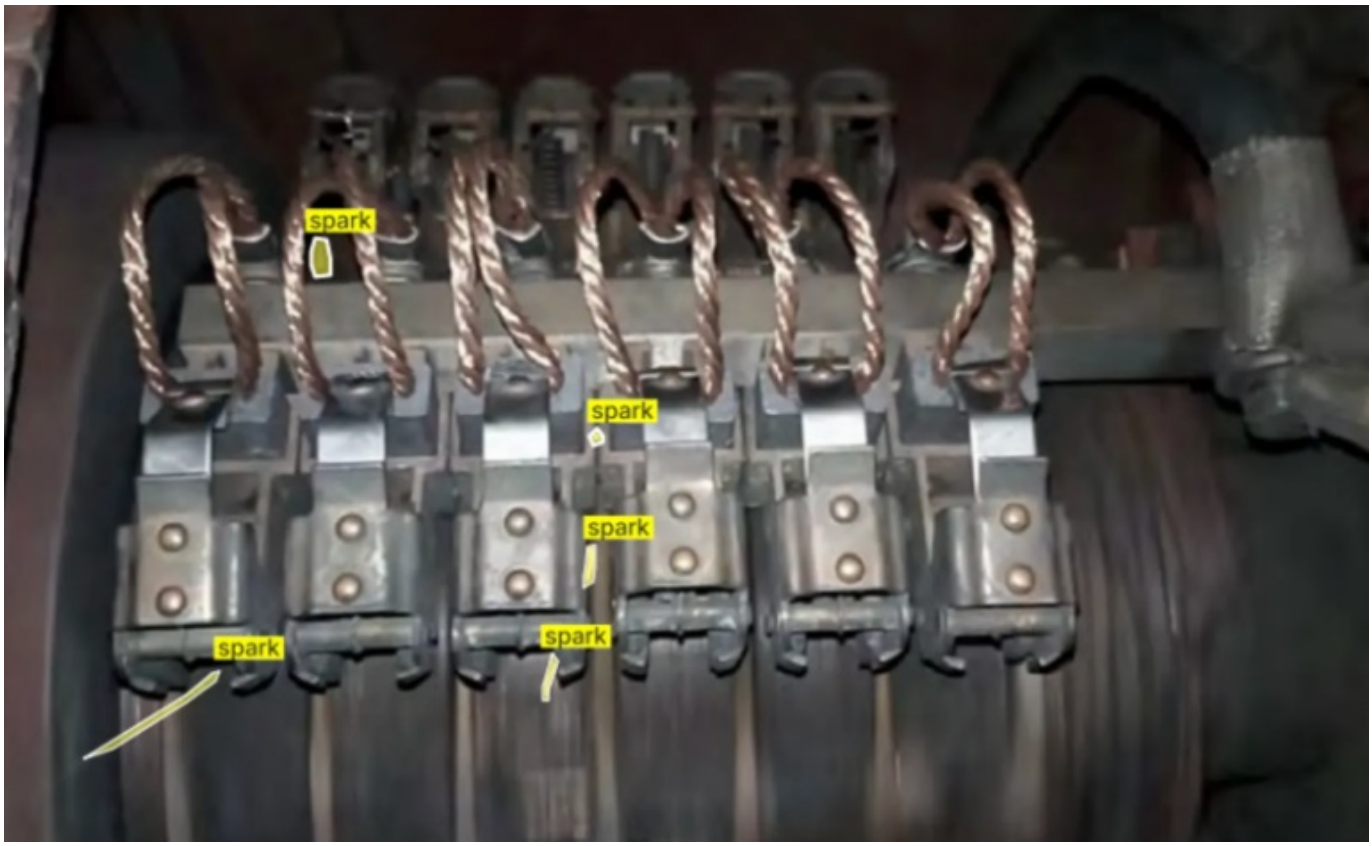
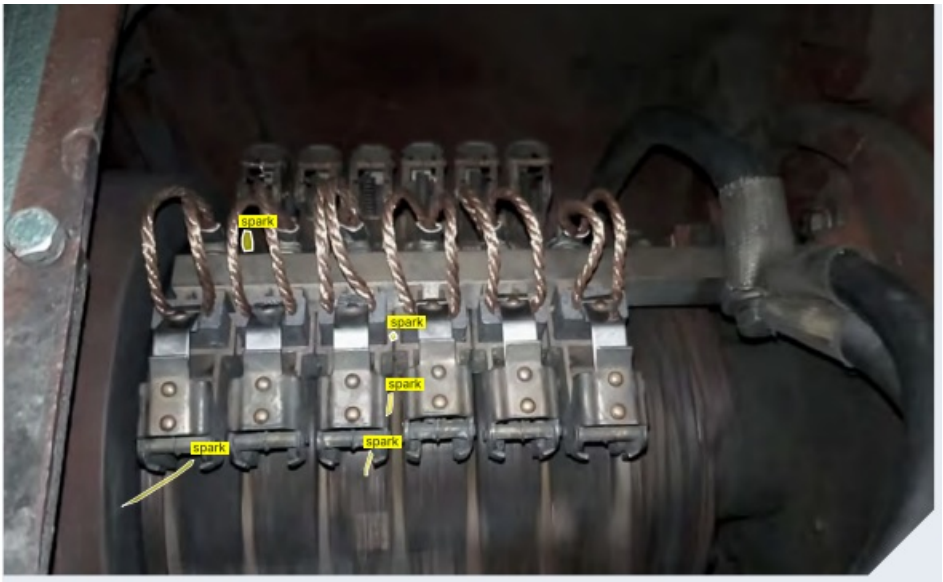


Challenges

Hazardous Sparks and Production Los

Large motor brushings require manual inspection, which is time-consuming and potentially dangerous for maintenance crews, as they must inspect the motors while operating. This manual process also necessitates running machines at lower than-designed speeds, resulting in lost production. Additionally, manual monitoring often fails to identify the root cause of sparks, making it challenging to optimize operating parameters and calibrate speeds effectively.

Solutions



Automated Monitoring and Analytics for Optimized Production
Unleash Live's solution generates condition analytics through live image processing by installing a camera to monitor the motor brushings. Utilizing a Siemens IPC520A (Tensorbox) and our AI-driven live camera processing, we provide real-time data to indicate potential maintenance needs. This data is not just for reference but also serves as a basis for proactive maintenance. The system can predict when a brushing is likely to fail or require replacement, allowing operators to schedule maintenance activities in advance and minimize production disruptions. This feature enhances production efficiency and safety by ensuring that maintenance activities are carried out at the most opportune time, thereby reducing the risk of unexpected equipment failures and production downtime.

Benefits

Continuous Monitoring
The system operates alongside the plant, detecting required parameters 24/7 without the need for shutdowns

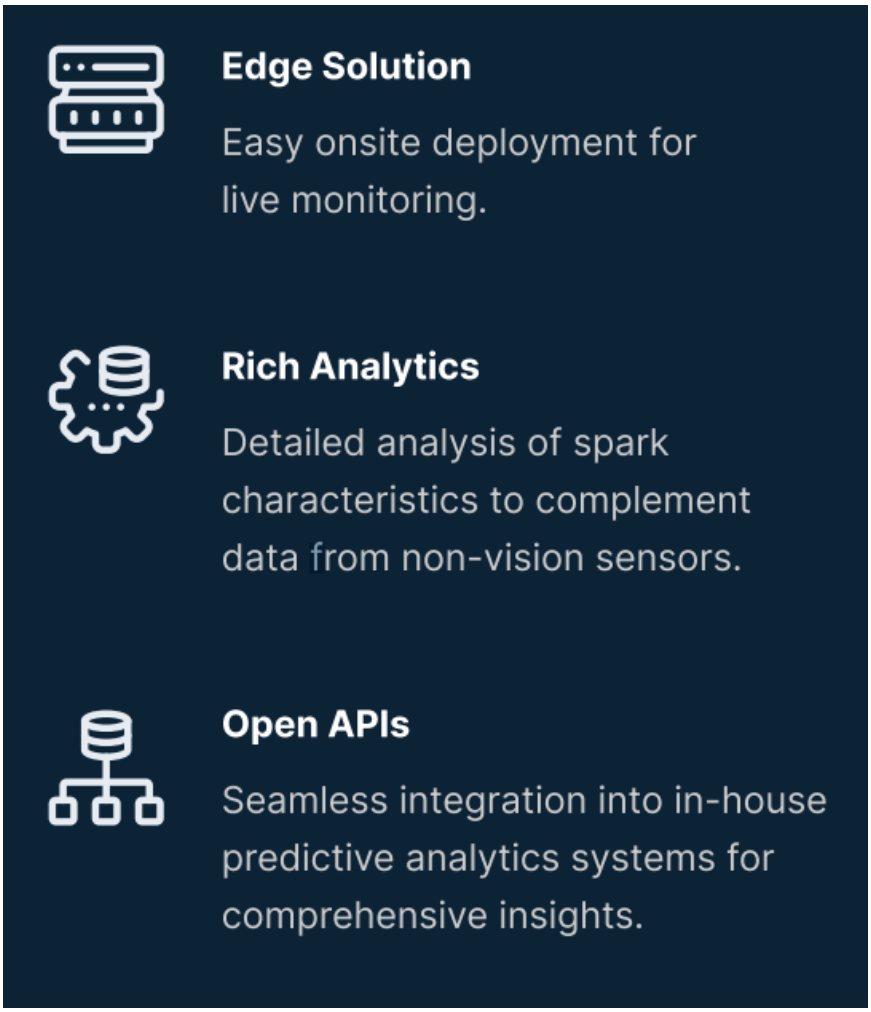
Real-Time Information

Operators receive instant updates on the condition of the motor brushings. This information is not just for reference but also serves as a basis for proactive maintenance. The system can predict when brushing is likely to fail or require replacement, allowing operators to schedule maintenance activities in advance and minimize production disruptions

Enhanced Accuracy

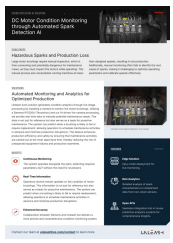
Collaboration between Siemens and Unleash Live delivers a more precise and comprehensive condition monitoring system.

Features



Contact our team at **unleashlive.com/contact** to learn more.

Documents / Resources

	**UNLEASH IPC520A DC Motor Condition Monitoring Through Automated Spark Detection** [pdf] Instructions IPC520A DC Motor Condition Monitoring Through Automated Spark Detection, IPC520A, DC Motor Condition Monitoring Through Automated Spark Detection, Condition Monitoring Through Automated Spark Detection, Monitoring Through Automated Spark Detection, Automated Spark Detection, Spark Detection

References

- Contact
- User Manual