



An industry leader in automotive components manufacturing implemented automated assembly check operations, achieving a 95% reduction in defects in assembled components

Challenge

An industry leader in automotive components manufacturing faced challenges in tracking assembly and quality check operations, ensuring adherence to standard operating procedures (SOPs), and preventing defects. Manual processes were inefficient, leading to missed activities and quality issues.

Approach

Streamline assembly and quality check operations, enhance process adherence, prevent defects, and enable real-time monitoring and reporting.

Outcome

Implemented a robust digital solution that integrates with existing systems and optimizes low bandwidth usage. The solution tracks assembly and quality check operations, displays digital work instructions, and identifies and alerts missed activities in real-time.

Solution

Utilized computer vision to provide real-time tracking of operations, digital work instructions as per SOPs, and alerts for missed activities. The system is compatible with all cameras, supports third-party data integration, and offers role-based reporting on quality and production.

Key Results

95% Reduction
Defects in assembled components

50% Improvement
Process Adherence

About Straive

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