The *Independent* Solution Provider for Smart Digital Transformation

ATS CM4D

Business Benefits

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About ATS CM4D

ATS CM4D is a data management solution that takes dimensional data from inspection devices on the plant floor and coordinates it with a 3D image of the product to produce rich graphical reporting for quality analysis.

Predict Assembly Problems

When you're manufacturing products in multiple locations and then bringing them together for assembly there are multiple implications if one component doesn't fit with another.

The transport logistics alone can be a major cost. And then there's the time and money required to fix the issue which can be greatly increased if components need to go back to where they were manufactured to be adjusted.

By comparing the dimensions of each component ATS CM4D can tell you how well they will fit together in advance.

Compare Product to Original Design

ATS CM4D will show you the differences between the geometric design specification and the manufactured item. Tackling these issues allows manufacturers to attain the highest quality possible.

It also helps you to improve your manufacturing processes as you will have clear, hard data of where changes need to be made.

Reduce Issue Response Time

The moment inspection data is sent to ATS CM4D it is available for analysis which means that critical quality issues can be addressed faster.

This prevents delays in shipping parts to where they'll be assembled and also accelerates improvements in the manufacturing process.

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More Benefits

Improve Communication

Enhance global coordination and keep everyone in your organization up to date with the information needed to take quick corrective action and allocate resources where they are needed most.

Improve Manufacturing Processes

Base decisions on the latest information, reduce buyoff time and effort, and bring visibility and transparency to your quality processes.

Faster Dimensional Quality Checks

Save valuable machine and operator time by performing alignments and shimming virtually and instantly.

Link the Virtual World to the Real World

Ensuring that parts fit together in the virtual world means that there are no unexpected issues in the real world.

Reduce Training and Maintenance Costs

Recording and analysing all dimensional data from all sources in one application reduces training requirements and maintenance costs.

Validate Supplier Data

Analyse and validate dimensional data from suppliers to ensure parts meet your specifications before they're shipped to you.

ATS is an ***Independent* Solution Provider**, with over 30 years' experience in the manufacturing systems arena and a wealth of experience undertaking Continuous Improvement initiatives and Manufacturing IT solution design, deployments and 24/7 support assignments.

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