

CUSTOMER SUCCESS STORY: JD MACHINE CORP.

When JD Machine began in 1979, it was a small mom-and-pop shop operating out of a former poultry plant with one manual mill and one lathe. Over time, the company grew into a world-class manufacturer serving aerospace, defense, medical, energy, and commercial industries. Growth brought opportunity, but it also introduced complexity.

The Pain: Growth Exposed Gaps in Quality

As JD Machine diversified and expanded, the stakes became higher. Automotive and aerospace work meant stricter requirements, APQP, PPAPs, SPC, internal inspections, and full AS9102 compliance.

But their quality process was not built for scale.

Quality Engineering teams were:

- Creating check sheets in Excel
- Cleaning those check sheets manually
- Filling them out during the manufacturing process
- Managing errors that populated in multiple places
- Chasing missing documentation
- Completing AS9102 forms manually
- Spending excessive time in final inspection

The result?

Wasted time. Incomplete inspection reports.
Bottlenecks. Manual rework.



Leadership recognized a hard truth: if they wanted scalable growth without sacrificing cost, quality, or delivery, they needed structure.

Matt Wardle, President & CEO, believed strongly in implementing systems that could support growth while protecting what customers cared about most.

The Turning Point: A Need for Structure

JD Machine knew they needed a Quality Management System. Not just to satisfy industry requirements, but to spend less time checking parts and more time ensuring parts were run efficiently and with high quality.

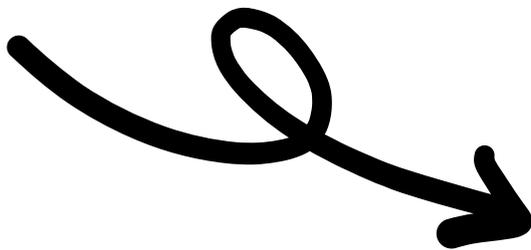
They began searching for a system that could manage their manual inspection data collection in a more intelligent way. After thorough evaluation, they selected High QA 360 as their all-in-one integrated Quality Management Software.

The Change: From Manual & Fragmented to Structured & Automated

With High QA 360, JD Machine moved from:

The Old Way

- Excel-driven check sheets
- Manual cleanup
- Scattered errors
- Missing documentation
- Time-consuming AS9102 completion
- Extremely long final inspections



The New Way

- Structured and automated workflows
- Centralized quality processes
- No manual documentation
- No Excel
- Identified process flow
- No bottlenecks
- All quality plans, data, and reports stored in a centralized database
- User-friendly reporting
- Built-in AS9102 compliance
- Greater accountability

High QA's OCR functionality further impressed leadership by accelerating data capture and reducing manual entry.

The Outcome: Scalable Quality, Higher Throughput

In a short time, JD Machine transformed its quality process. What was once fragmented and manual became structured, centralized, and scalable.

Today, JD Machine employs over 180 people in a 70,000 square foot facility and is recognized as one of Utah's fastest growing companies, earning awards from organizations including the Utah Manufacturer's Association, National Tooling and Machining Association, NASA, and more.

For JD Machine, Quality Management Systems were not just about compliance. They were about enabling growth without sacrificing standards.

As Matt Wardle put it:

“Quality Management Systems are just good business.”

About High QA

High QA is a manufacturing quality platform that connects design requirements to execution.

We make the 2D drawing or 3D model the single source of truth by automatically extracting quality requirements and linking them directly to inspection planning, inspection execution, NCRs, and quality reporting. This reduces manual interpretation and re-entry across teams and systems, improves traceability, and helps ensure parts are built and verified to spec.

High QA supports faster, more consistent quality workflows and streamlined deliverables like FAIs, NCRs, and PPAP documentation, with centralized data and audit-ready reporting.

“Quality Management Systems are just good business.”

- Matt Wardle, President & CEO

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