



MachiningCloud

Stop Leaving Time on the Table

Reclaiming 30% of Your CNC Workflow
Without Adding Headcount

TOOL MANAGEMENT | JOB PLANNING | DATA INTEGRATION

THE HIDDEN COST OF DOING NOTHING

Your Biggest Competitor is Your Own Inefficient Process



Tribal Knowledge

Every departure takes years of process knowledge that can't be replaced by hiring.



Conservative Feeds & Speeds

Overcautious parameters silently rob cycle time on every single run.



Manual Data Entry

Programmers re-key data that already exists — errors, hours lost, jobs delayed.



Disconnected Systems

Every handoff between CAM, TMS, ERP is a point of failure. Data degrades.



THE HIDDEN COST OF DOING NOTHING

The Hidden Costs of Manual Tool Management



Bloated Inventory

- Capital sits on shelves in the form of duplicates and unorganized tools.

Setup Documentation

- Hand-assembled travellers lead to longer setups and operator variation.

Time Wasted

- Operators and programmers spend hours hunting for tools that may not even exist.

"The question isn't whether your shop can afford to modernize. It's whether you can afford not to."

OUR PLATFORM

Three Pillars of the MachiningCloud Platform



Tool Management

Move beyond the spreadsheet.
For good.

Single source of truth for all tooling.
Centralized, standardized management
purpose-built for CNC complexity.
Smarter purchasing & inventory.
Faster onboarding for new hires.



Job & Process Planning

From hours to minutes.
Guesswork to precision.

Deterministic recommendations
grounded in real-world cutting data,
not AI guessing games.
Tool Advisor recommendations.
Automated setup documentation.



Data Integration

Accurate data in,
performance out.

Seamless flow of validated data from
the cloud directly to your CAM and
shop floor systems.
Certified 3D models into CAM.
Validated feeds & speeds.

A unified platform designed to eliminate re-entry and approximation across the entire manufacturing workflow.

TOOL MANAGEMENT

Centralized Tool Management for a Single Source of Truth

Single Source of Truth

Replaces fragmented spreadsheets with full specs, 3D models, and performance history in one place.

Faster Onboarding

New employees access documented tool knowledge from day one. No more shadowing for months.

Smarter Purchasing

Tool usage patterns become visible. Duplicates identified and eliminated. Capital freed up.

Standards Compliance

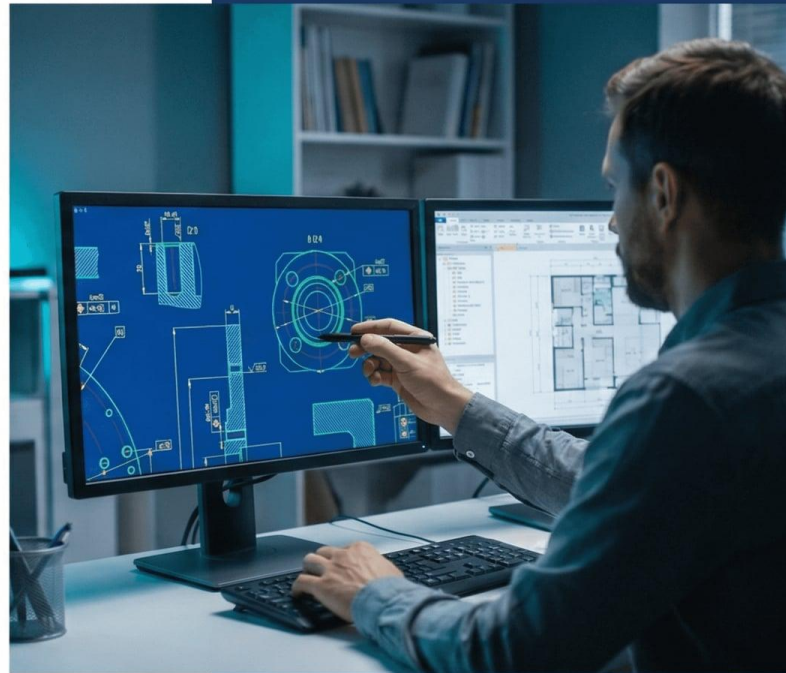
ISO 13399, GTC, STEP, DIN 4000. Clean, consistent, interoperable data across all systems.



JOB & PROCESS PLANNING

Precision Planning with Tool Advisor

- **Deterministic Recommendations** -
Grounded in real-world cutting data, not AI guessing.
Recommends ideal tools based on operation and material.
- **Automated Documentation** -
Auto-generates tool lists, drawings, and offset data.
Eliminates handwritten travelers.
- **Fewer Setup Errors** -
Accurate documentation means operators cut metal instead of deciphering incomplete notes.
- **Multi-brand Assemblies** -
Build complex tool assemblies across multiple brands in minutes, not hours.



DOWNSTREAM DATA INTEGRATION

Seamless Downstream Data Integration

Garbage In, Scrap Out. Accurate Data In, Performance Out.

CAM Programming

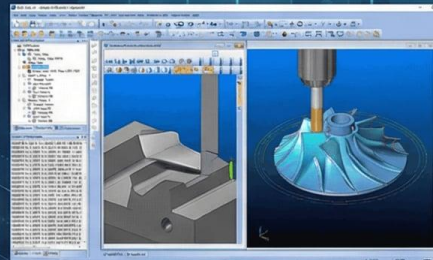
Accurate tool geometry enables tighter toolpaths and significantly reduced air-cutting. Certified 3D models integrate directly into your CAM environment.

Simulation & Verification

Precise 3D models make simulation genuinely predictive — catching collisions before they reach the hardware.

On the Machine

90%+ feeds & speeds coverage. Where manufacturer data has gaps, proprietary AI fills them. Validated parameters replace conservative defaults to shrink cycle times.



THE NUMBERS DON'T LIE

Compounding Results: The Numbers Don't Lie

~30

DAYS

Typical Payback.
Pays for itself in
under a month.

~30%

PLANNING

Time savings in
planning and CNC
programming.

~30%

SETUP

Reduction through
accurate shop floor
documentation.

~30%

EFFICIENCY

Gain in machining
via validated feeds
and speeds.

A shop running two shifts and twenty jobs per week doesn't gain 30% on a single metric. It gains ~30% across planning, setup, and machining time simultaneously — a compounding advantage that widens every quarter.

SECTION 04 | BUILT TO PLUG IN, NOT LOCK IN

Universal Compatibility: Works with Your Existing Stack

1. Universal CAM Compatibility

Direct integrations with any CAM software plus TMS/ERP

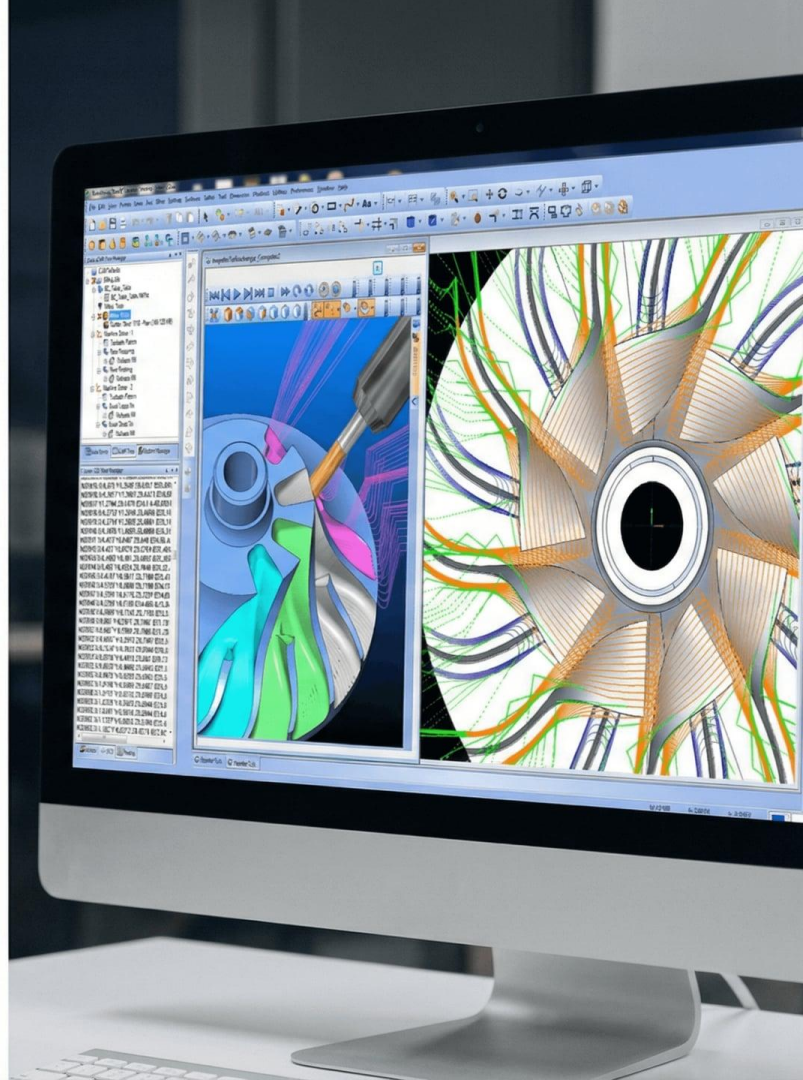
2. TMS, ERP & Procurement

Connects tool data, inventory, and ordering into a single ecosystem. Includes purchasing partnership with **MSC Industrial Supply Co.**

3. Data Standards That Work

ISO 13399, GTC, STEP, DIN 4000 compliance ensures clean, consistent data. No translation layers or manual reconciliation.

“MachiningCloud is one of the fastest payback investments we’ve seen in production software — consistently under 30 days.”





TAKE THE NEXT STEP

Ready to Find Your 30%?

Hundreds of CNC shops have already made the shift. The ones who moved first are now compounding that advantage every day. Stop burning time on spreadsheets, manual entry, and tribal knowledge. Own your process.

machiningcloud.com