datanomix



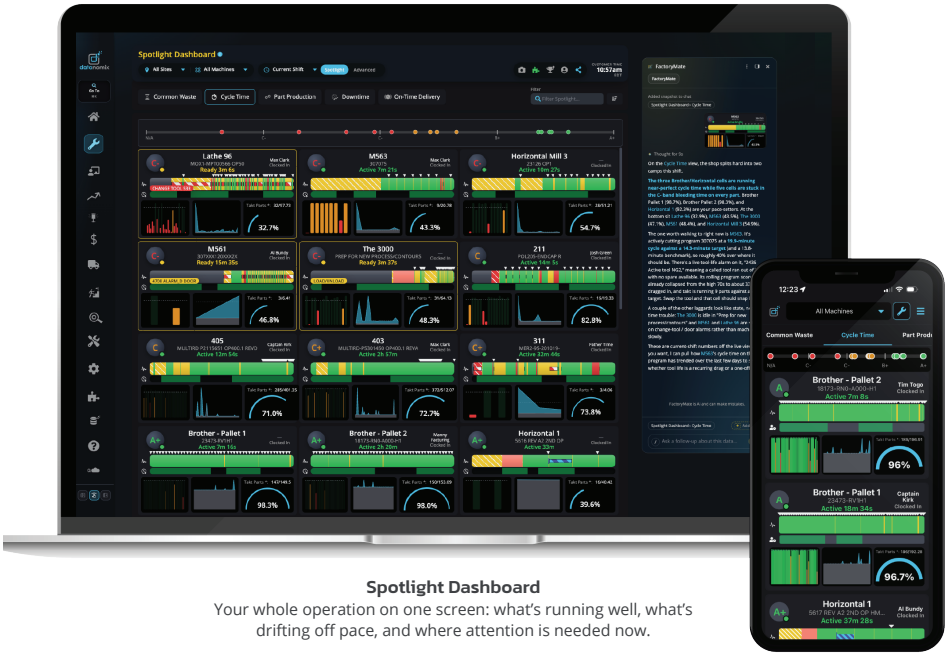
PRODUCTION MONITORING

Built for the Way Shops Actually Work

KNOW WHAT'S HAPPENING ON YOUR FLOOR RIGHT NOW

Datanomix Production Monitoring gives your team instant visibility into what's happening, what's not, and what needs attention, straight from the machine. No reports to chase. No spreadsheets to maintain. No operator data entry.

It connects to any CNC machine, brand-new or decades old, and sets benchmarks automatically for every job, with No Operator Input™. Operators, supervisors, and owners all see the same real-time picture, so problems get fixed while the shift is still running, not after it ends.



Spotlight Dashboard
Your whole operation on one screen: what's running well, what's drifting off pace, and where attention is needed now.

When Do You Need Production Monitoring?

- **Finding out after the fact?**
  End-of-shift reports tell you what went wrong when it's too late to fix it.
- **Machines idle and nobody knows why?**
  Downtime hides in setups, material waits, and machines waiting on an operator.
- **Late jobs nobody saw coming?**
  You find out a job is behind when the customer calls, not when the job starts slipping.
- **Quotes you can't trust?**
  Without actual cycle and setup times, every quote is a guess and margin leaks job by job.
- **Production meetings built on guesswork?**
  Managers burn the first hour of the day piecing together what happened yesterday.
- **Manual logs nobody fills in?**
  Operator data entry is late, inconsistent, or missing, so nobody trusts the numbers.

"Datanomix paid for itself in weeks. The visibility alone changed how we run the shop."

Kody Guidry, GM
Coastal Machine & Supply
Carencro, LA

SHIP ON TIME.
MAKE MONEY ON EVERY JOB.

Your ERP holds the plan and the quote. Your machines hold what actually happened. Job Scheduling and Job Variance put the two side by side so you find out before the job is late, not after.

Job Scheduling: Will this job ship on time?

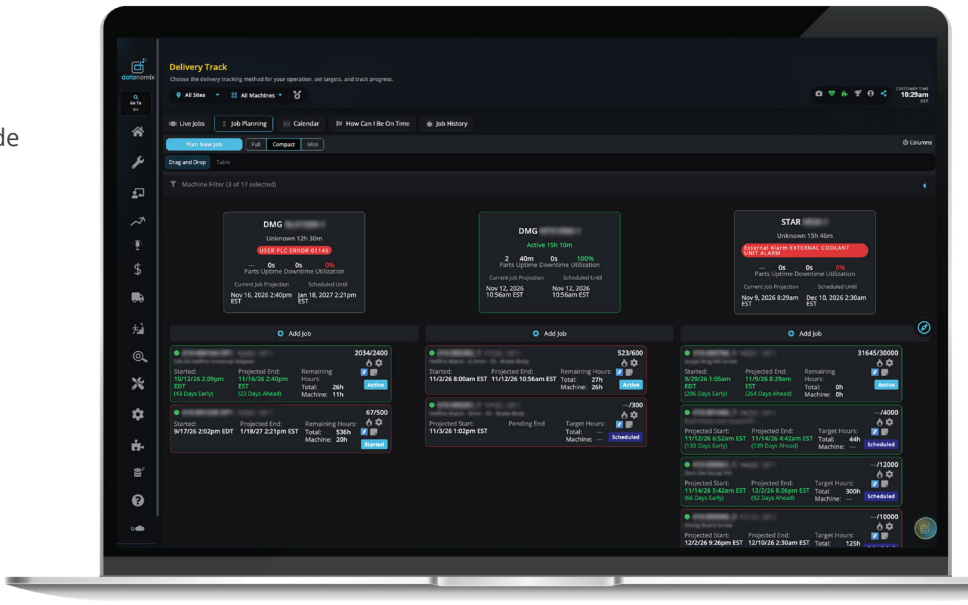
Connect your ERP and jobs flow in with part number, quantity, due date, and cycle and setup targets already attached. No re-keying and no second schedule to maintain. Every open job and its target completion date sits on one screen, and the whole schedule is laid out on a calendar.

Datanomix matches live machine programs to those jobs and it projects finish times from real production, not quoted times. When a job starts slipping, you see it before your customer calls to ask where their parts are, along with what it would take to recover. Once a job ships, Job History shows how it actually ran against the plan.

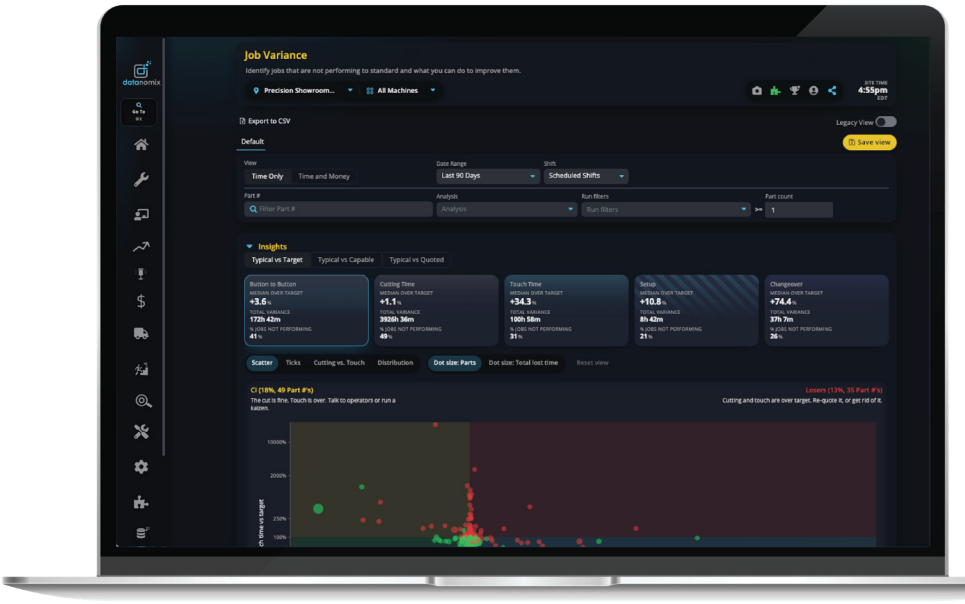
Job Variance: Did this job make money?

Every quote is a bet on cycle time and setup time. Job Variance shows how each part on each machine actually ran against its target or quote, so you can see where time and margin are leaking. Charts separate parts that miss every time from those that swing run to run. Filter by machine group, date range, or shift. Datanomix ranks which parts to sell more of, re-quote, improve, or re-engineer.

The targets that drive your schedule are the same standards Job Variance grades against. Schedule against real numbers, check the results, and quote the next job right.



Job Planning
See when future jobs can start and which machines can take them as capacity frees up.



Job Variance
Every part, every machine, measured against what you quoted.

"Datanomix lets us know exactly where we're at instead of where we think we are. We know if we're on track to deliver for our customers on time and with the right margins."

Craig Michaud, Vice President, Engineering & Sales | Arch Medical Solutions | Seabrook, NH

THE DATANOMIX ROADMAP TO OPERATIONAL EXCELLENCE

Start with the Pilot

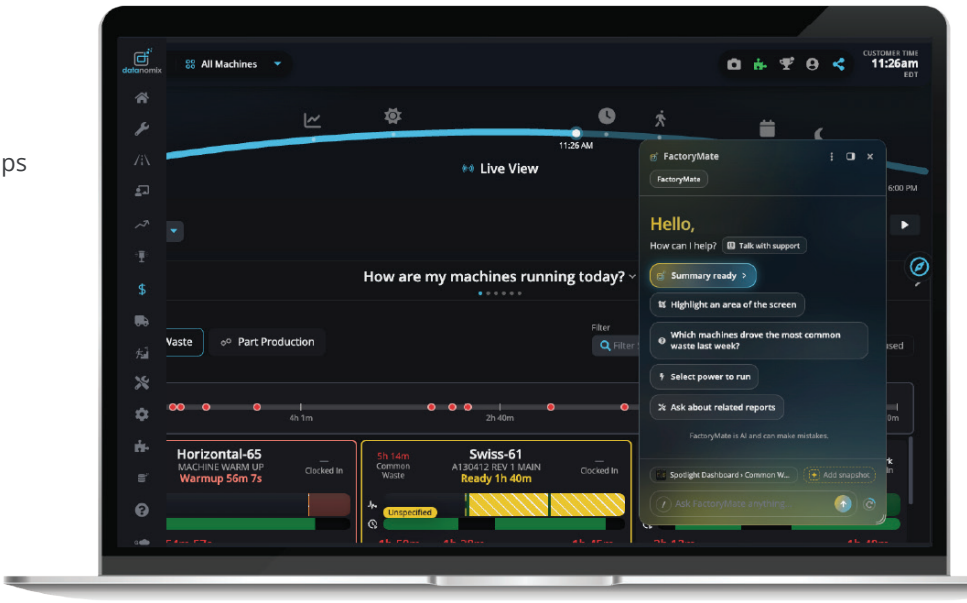
The Prove-It Pilot Program builds the ROI case on your own machines, with your own parts. Most shops see a 15%+ boost in output within the first 90 days. Datanomix proves its value before you commit.

Go after one problem at a time

Every shop is chasing something different. More on-time deliveries. Shorter setups. Quotes you can trust. Your Datanomix Coach learns what you're trying to fix and builds a Playbook around it: a plan that puts the right tools to work on that goal.

Build on every win

Datanomix Coaches are manufacturing pros, included at no extra cost. They walk your floor, sit in on morning meetings, and keep every Playbook in the daily routine. Hit one goal, and they help you pick the next. They don't leave when the pilot ends.



FactoryMate™ AI
Ask FactoryMate for a summary, or ask which machines drove the most common waste last week, and get the answer before the morning meeting starts.

What's Included with Production Monitoring?

- **Automatic Data Collection**
  Connects directly to any CNC machine. Part counts, cycle times, setups, and downtime are captured with No Operator Input™.
- **Automatic Job Benchmarks**
  Every job gets a benchmark automatically, so you know what good looks like without building targets by hand.
- **Spotlight Dashboard and Views**
  See what's performing, what's drifting, and what needs attention right now on one screen. Spotlight View brings the same at-a-glance clarity into daily performance reports.
- **TV Mode and Mobile App**
  Live machine status on shop floor TVs, with mobile notifications that keep supervisors informed on the go.
- **Machine HUD**
  Operators see what's running and what's next, leave notes for the next shift, request help instantly, and open Digital Production Bundles™.
- **Tool Management**
  Real-time cutting data tracks tool life and flags process changes before they turn into scrap.
- **FactoryMate™ AI**
  Ask questions in plain language and get answers from your machine data, with no reports to run.
- **Planned Maintenance and Downtime Insights**
  Planned stops are marked ahead of time and unplanned downtime is captured automatically, so your utilization data stays accurate.
- **ERP Insights**
  Your ERP knows what you planned and quoted. Your machines know what happened. Job Scheduling and Job Variance put them side by side.

WATCH DEMO

SEE IT IN ACTION

Our on-demand video takes you through the Datanomix Production Monitoring Platform.