

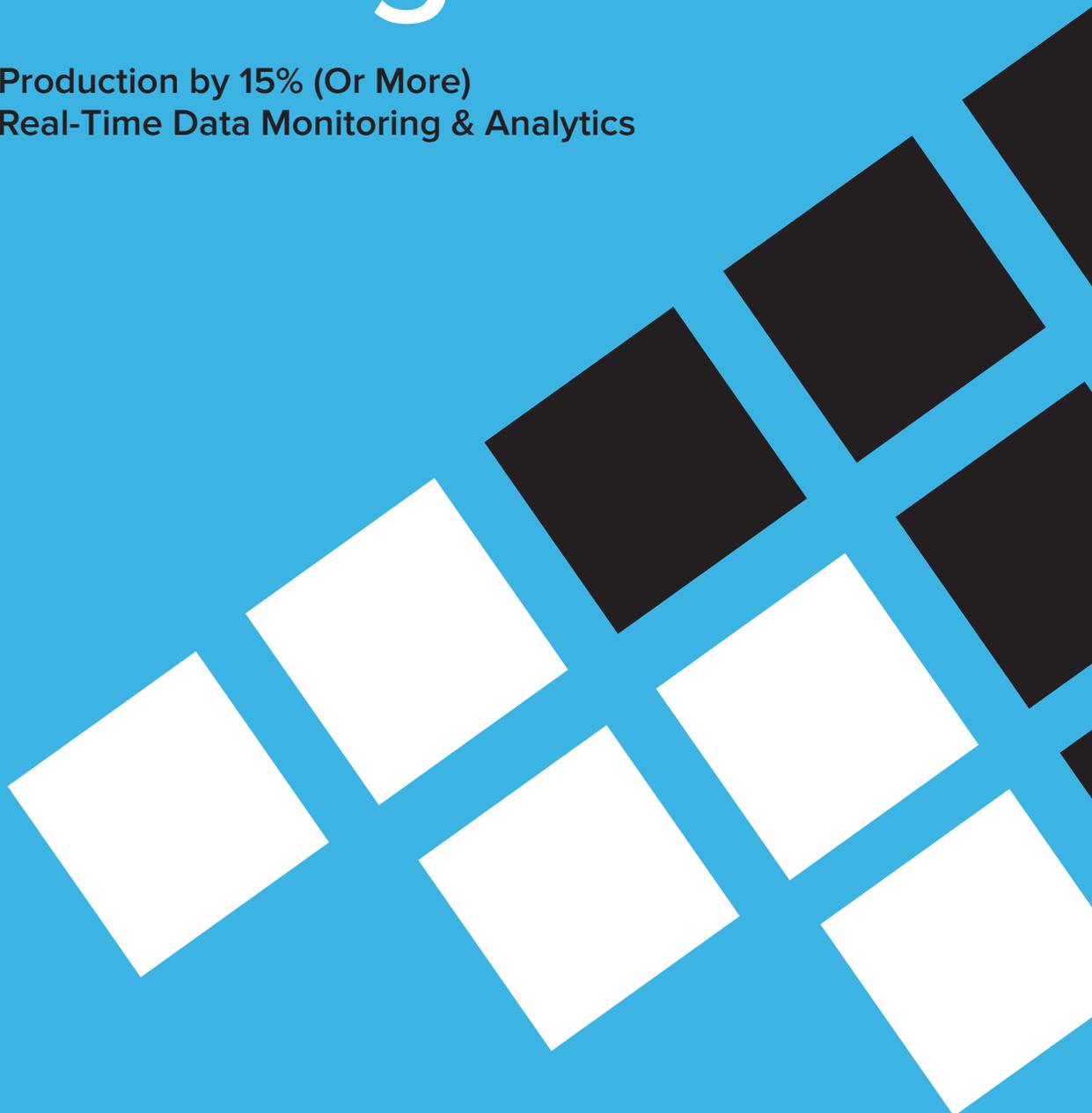


Machine**Tracking**

A MANUFACTURER'S GUIDE TO

Machine Tracking Data

Increase Production by 15% (Or More)
Through Real-Time Data Monitoring & Analytics





Does the following scenario sound familiar? One of your machine operators just informed you that another shipping deadline will be missed. Now you've got to make that dreaded call to your clients and deliver the bad news..Having only anecdotal data from your operator, you are unable to give your customer a solid reason why their products will be arriving late.

When you lack the ability to quantify the problem, you lack the ability to identify the problem. Or... as we like to say, "YOU CAN'T FIX WHAT YOU CAN'T SEE."

Manufacturers who have yet to take advantage of real-time data by utilizing a machine monitoring system have a **production illusion**:



You think you are running at 80% uptime when you are actually running closer to 50%.

Bottlenecks, long set-ups, and unexpected downtimes are the operational pitfalls that lead to missed deadlines and dissatisfied clients.

**MACHINE TRACKING
DATA CAN FIX THAT.**

Avoid Operational Pitfalls and IMPROVE YOUR THROUGHPUT BY 15%



With machine tracking data you can finally move from reactive excuses to proactive action by accessing solid, actionable data, such as:

- Real-time downtime
- Reliable baselines
- Real-time output
- Setups, uptime, and overall utilization

ARMED WITH REAL-TIME DATA, YOU CAN REALIZE YOUR FULL EQUIPMENT CAPACITY—AND MEET YOUR PRODUCTION DEMANDS.



1. Take Proactive Action

Avoid Downtime & Missed Deadlines by Knowing What's Coming Before it's Too Late

When unexpected machine failures occur, it's a threefold problem. First, you have the expense of the fix plus the accrued downtime. Second, you have dead hours in which you are still paying your operators when they have nothing to do but wait for the machine to be functional. Third, you face the subsequent shipping delay and that unwelcome call to your customers. [Machine tracking data identifies potential issues and provides analytical trends so you can take action before problems occur.](#)

Without the data, you are forced to deal with downtime and production loss downstream. With the data, you can be aware of the problem days or weeks in advance. This gives you enough time to schedule maintenance, adjust your timelines, and communicate with your customers before it's too late.



2. Cut Down on Setup Times

Increase Overall Throughput by Reducing Machine Setup Times

Machine setups can be a deadline-buster as you wait to prepare a machine for its next run after it has completed producing the last part on the previous run. Long setups can bring the productivity of a machine down significantly. **Machine tracking data allows you to quantify your setup time and see if it is within the standard. If not, you are better equipped to identify why and fix the problem.**

Remember, idle machines = dead hours that impact the bottom line. Long setup times could be caused by inexperienced operators, a tooling issue, inferior material, or the need to wait on material. By monitoring your setups and reviewing the data, you can know what is slowing down the process for each machine and act accordingly.

3. Establish a Utilization Baseline

Use a Pacer to Measure Progress in Real-Time

Real-time data shows you if there is a discrepancy between what you think is happening on the shop floor... and what is actually happening. **Machine tracking data gives you an accurate sense of your utilization.**

It's not uncommon to use multiple machines to go from raw material to final product. If one of those is slow, then your whole production process suffers. With tracking and data, you can see which machine is your pacer (the slowest machine among them) and get a realistic grasp of your expected uptime. If you are anticipating four hours, and it's taking eight, then you know something is going on with the other machines in the process.

4. Digitize & Centralize Your Fundamental Data

Make Your Data Easily Accessible to New Hirees, Management, & Stakeholders

Data is the new oil – it helps your process run more fluidly & efficiently. It also helps the expert knowledge of your team smoothly transfer to new hirees and the next generation of shop floor managers and operators. **Machine tracking data creates a legacy of knowledge and helps alleviate production gaps caused by inexperience.**

5. Get a Global View of Your Production Process

Identify Your Bottlenecks & Realize Opportunities for Growth

It's difficult to manage all of your production equipment. It's impossible to know if all your machines are running as expected and meeting uptime goals. Without a global view of your machines, you risk failure, disruptions, stones in the production flow, and very expensive maintenance issues.

In order to fix your production issues and increase your throughput, you need to know where your bottlenecks exist and why they occur. What can wait? What can you change today? What are the significant impediments to your flow of production? [Machine tracking data equips you to identify the priorities for action – labeling the downtimes and creating a course of strategic action.](#)

**DON'T SETTLE FOR 50% MACHINE
UTILIZATION WHEN YOU ARE PAYING FOR
100% of the Labor**

**SCHEDULE
A DEMO**

You no longer have to rely on sticky notes and excel spreadsheets to see how each individual machine has been running and at what capacity. You can build out capacity reports right away rather than waiting a week to come up with those numbers, at which point they are no longer useful.



MachineTracking

**MONITOR ALL YOUR MACHINES AT ONCE
AVERAGE 15% INCREASE IN YOUR PRODUCTION.**

With machine tracking data you can look at everything at once - your uptime, your setup times, your production capacity, your overall throughput, and where you are experiencing downtime. View this data in real-time and in analytical reports - this way you can take proactive action to meet your production demands.

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