PMP
SOLUTIONS

DRIVING
WOOD
TRANSFORMATION™

PMP
Team
Mate

PUT YOUR DATA TO WORK™

GO BEYOND CONVENTIONAL REPORTING

The only real end-to-end mill operating system that enhances operations, empowers your workforce, improves product mix quality and value, and raises your bottom line.

WE ARE PMP SOLUTIONS

The rise of computer systems transformed the industrial landscape, including the lumber industry. As a result, it's been using surprisingly advanced technologies for decades.

This transformation, however, happened at the expense of people—they began being seen as a major source of mistakes. The truth is that the complexity and speed of systems became too difficult to manage. **And yet, people are still held accountable for system performance, using surprisingly inadequate means.**
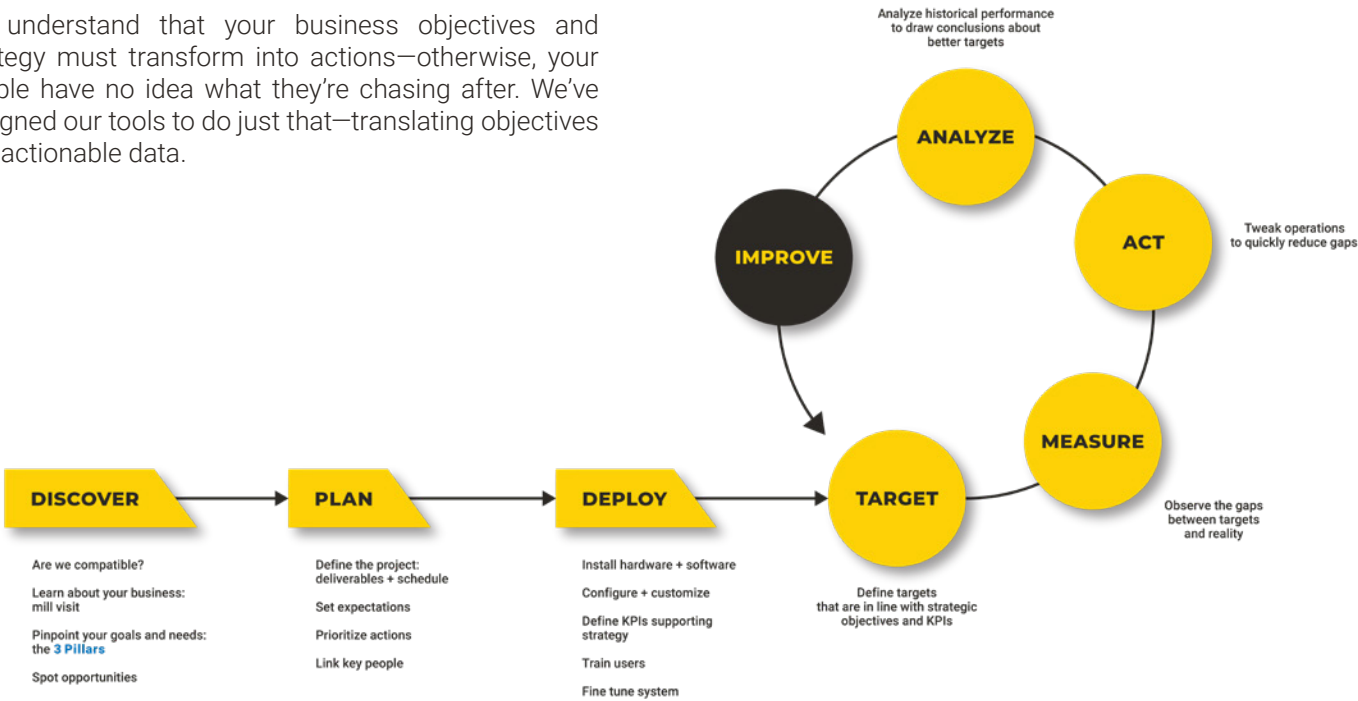
We've known for a long time that people have an essential role to play in industrial systems. Nothing can trump the combination of a person's instincts, experience, and knowledge. It's this paradox that we want to resolve. We develop technologies that make it possible for people to manage complex, high-throughput systems, giving them the tools to stay in control of productions and reach their targets more consistently. PMP SOLUTIONS tools make it easier to understand where and when to act, improve, or invest, and they foster an environment where everyone—from the plant floor to the boardroom—works together toward the same goals.

This is what we do: give people the actionable information they need to better operate their plants, no matter what they do.

And because we're always looking to the future, we aspire to offer even more autonomy to the wood transformation industry so that it can truly cruise at the speed of Industry 4.0.

OUR PROVEN PROCESS

We understand that your business objectives and strategy must transform into actions—otherwise, your people have no idea what they're chasing after. We've designed our tools to do just that—translating objectives into actionable data.

Analyze historical performance to draw conclusions about better targets

ANALYZE

ACT — Tweak operations to quickly reduce gaps

IMPROVE

MEASURE — Observe the gaps between targets and reality

TARGET — Define targets that are in line with strategic objectives and KPIs

DISCOVER
Are we compatible?
Learn about your business: mill visit
Pinpoint your goals and needs: the 3 Pillars
Spot opportunities

PLAN
Define the project: deliverables + schedule
Set expectations
Prioritize actions
Link key people

DEPLOY
Install hardware + software
Configure + customize
Define KPIs supporting strategy
Train users
Fine tune system

OUR VALUES

We want to empower people to reach their full potential, which will enable lumber mills to better move their wood. To make this dream a reality, we develop technologies which give meaningful insights that help enhance operational control. This offers more consistent results, better quality, and a higher bottom line. We get there by:

BELIEVING IN PEOPLE
We're convinced that people are the most valuable asset of wood transformation plants, so we work tirelessly to help them hit their targets.

LETTING OUR DEDICATION DRIVE US
We're steadfast in helping you succeed. Our team of experts will stop at nothing to support your ambitions.

INNOVATING FOR THE FUTURE
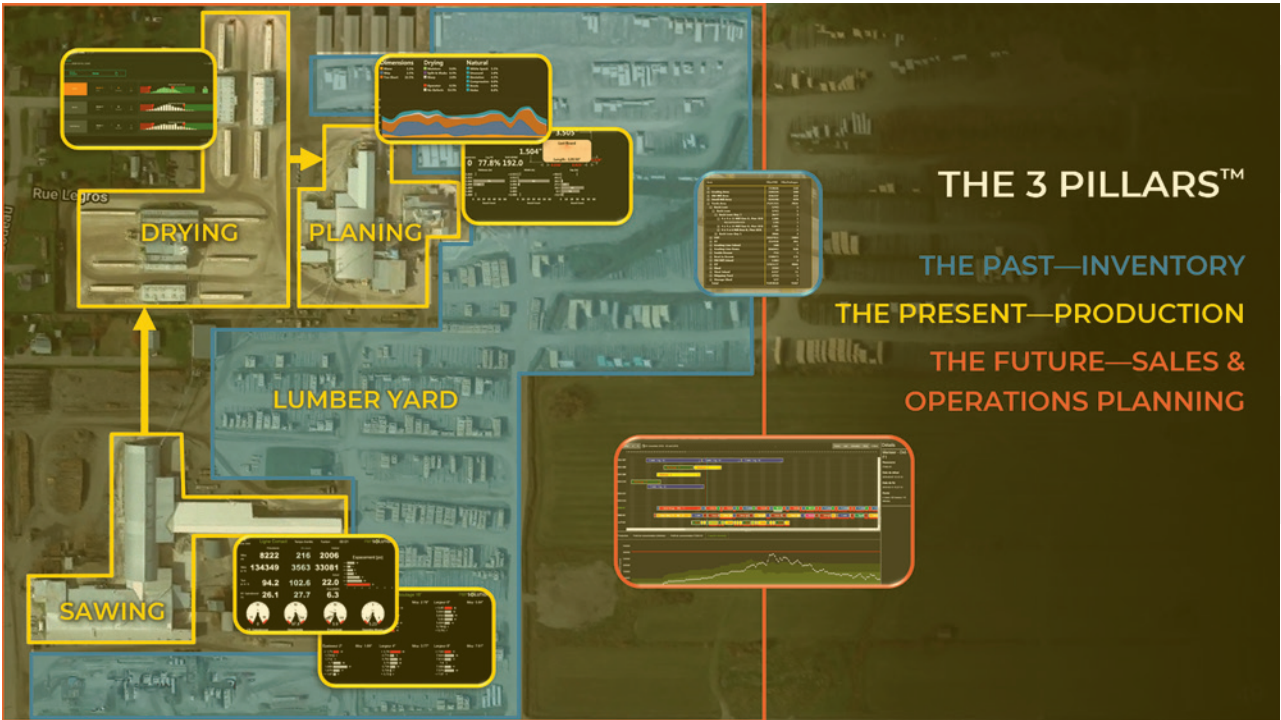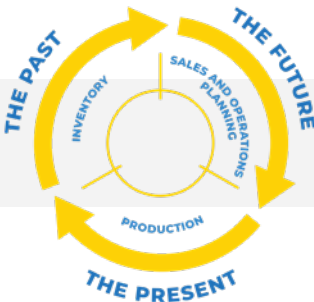Looking to the future is the only way we can keep on helping you in an ever-evolving technological world.
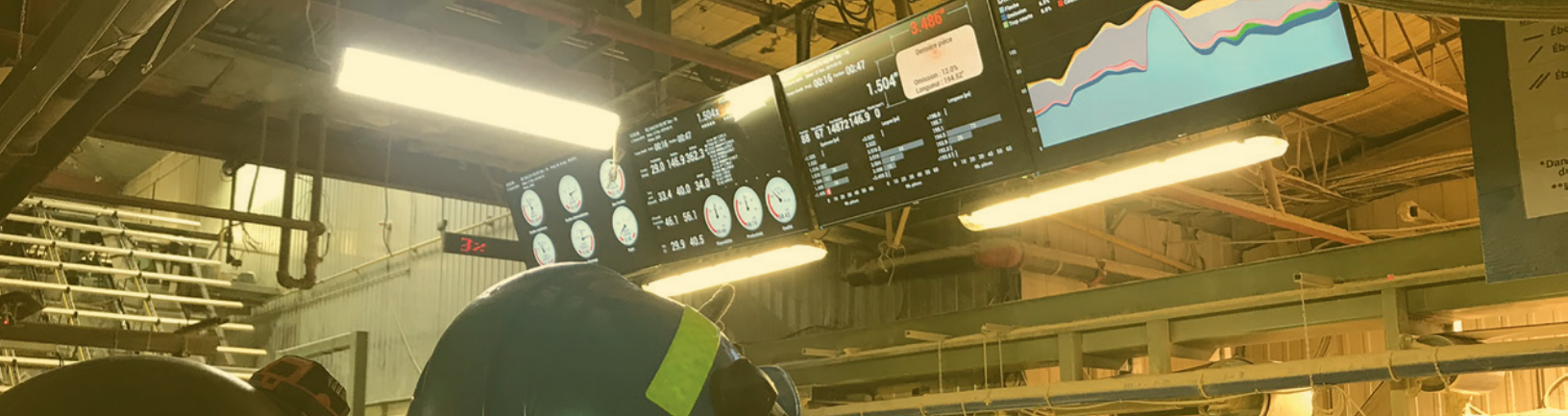
MEASURING FOR BETTER CONTROL
Finally, we believe that only the masterful control of data gives it the necessary context to reach the right decisions, because everyone's on the same page.

THE 3 PILLARS™

Over our 15-year history and deploying our tools in well over 100 plants, we've come to see that wood transformation plant operations are usually treated as discrete processes. **They should not be.**

If you look at each very closely, they are complex, but they can also be split into three groups that represent the past, the present, and the future of your operations. They all have the potential to substantially affect your bottom line and work as a feedback loop. They are what we call the 3 Pillars.

THE PAST — INVENTORY
THE FUTURE — SALES AND OPERATIONS PLANNING
THE PRESENT — PRODUCTION

Rue L'epros
DRYING
PLANING
SAWING
LUMBER YARD

THE 3 PILLARS™

THE PAST—INVENTORY

THE PRESENT—PRODUCTION

THE FUTURE—SALES & OPERATIONS PLANNING

THE TOOLS TO ACHIEVE BETTER RESULTS

To achieve our vision of helping mills better move the wood, we created PMP TeamMate™. It is much more than a data collection and reporting suite. Unlike other solutions on the market, it is a complete operating system for the wood transformation industry and a production data historian. It is designed to pre-analyze data, give it context according to your objectives, and transform it into **actionable information** for everyone in the mill. With PMP TeamMate, information never sleeps on some superintendent's desk.

SPECIFICALLY DESIGNED FOR THE WOOD TRANSFORMATION INDUSTRY

With more than 15 years of industry-specific knowledge and know-how under its belt, PMP SOLUTIONS understands the challenges facing mill operators, managers, and employees. This is how we were able to develop PMP TeamMate, the only real, end-to-end performance suite to enhance operations, drive engagement and dedication, increase the quality and value of your product mix, and raise the bottom line—without the express need for new equipment.
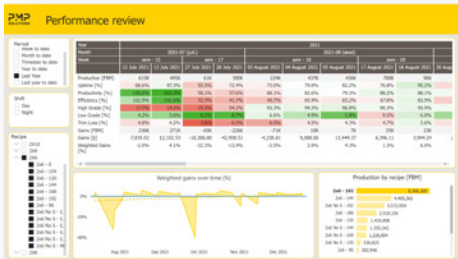
THE POWER TO ACT IMMEDIATELY

PMP TeamMate is designed to give context to the data from the mill, which generates powerful real-time insights into such things as efficiency, quality, and productivity, syncing operators with the mill's performance. It gives them the ability to act as soon as they see issues appear and to immediately witness the effects of their actions.

PMP TeamMate isn't simply a real-time alert system—it's capable of powerful business intelligence (BI) in the form of analysis-ready reports and dashboards that enable you to see trends and quickly reach key decisions that significantly impact your business' earnings.

WORK BETTER—NOT MORE

PMP TeamMate helps people communicate and collaborate. By federating data and making it available to everyone in your organization, every stakeholder—from operator to management—is on the same page, anywhere in the mill, making them all the more productive and efficient. Gone are the days of angry bosses who believe their people can't work well and disgruntled floor employees because of unreasonable demands from above.

GO BEYOND CONVENTIONAL REPORTING— PUT YOUR DATA TO WORK

PMP TeamMate is the operating system for your wood transformation business—whether it's a single or multiple-mill operation.

A COMPLETE OPERATING SYSTEM FOR YOUR MILL

Each module **can be used individually or in any combination**, but they are all designed to offer you the information to get more out of your mill and the people who work in it, because our solution is your **teammate**.

WE STANDS FOR WORKFORCE EMPOWERMENT

PMP WeSaw™ lets you know precisely what comes into your sawmill, whether it's optimal for your current recipes, whether what comes out is off-sized and why, and much more. Finding this out before the wood is in the yard can mean the difference between a good and a bad production run.

Drying wood, especially in kilns, is an essential part of wood transformation and key to obtaining quality lumber. PMP WeDry™ helps you control moisture content more effectively and optimize your kilns' operations.

Planing is where you must make the most of previous processes. PMP WePlane™ helps you monitor and analyze planing performance. This can help kick start better two-way communication between management and operations to drive the best possible results, improve over time, and increase the value of your product mix.

Sales and operations planning (S&OP) ties it all together like a well-oiled machine. With PMP WeSchedule™, you can streamline operations according to current market needs, available supply, up-to-date production, and order backlogs. You'll be able to move the right wood at the right time.

PMP WeTrack™ offers you a clear, concise, and complete understanding of your inventory, whether it's from sawing, drying, or planing, which is crucial to move your wood more profitably.
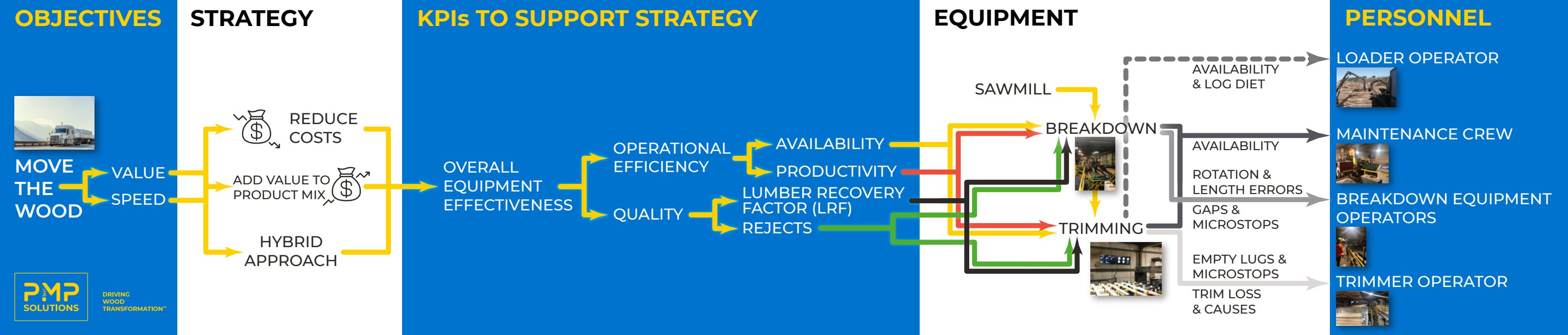
USED IN OVER 100 PLANTS IN NORTH AMERICA

PMP TeamMate has been trusted by plant managers for over 15 years. Here are a few.

INTERFOR

LAB BOIS · LUMBER

resolute Forest Products
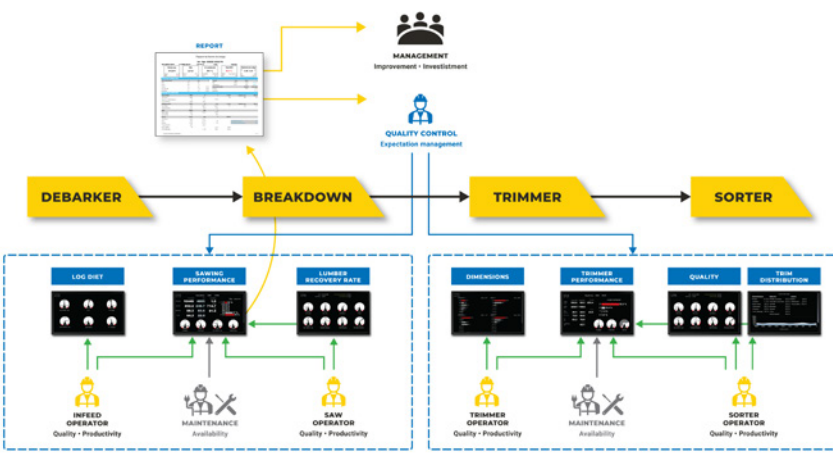
Groupe Lignarex inc.

LEBEL

KPIs THAT SUPPORT YOUR STRATEGY

Most solutions available on the market are designed to help to optimize operations locally. In the 15 plus years we've been in business, a lot of sawdust has built up on our boots. We've come to understand that no optimization is sustainable if it's not based on clearly defined objectives, supported by a strategy, that enable defining specific KPIs. They'll allow you to get the specific information you need from your mill operating system, PMP TeamMate. This information will empower everyone in the mill, giving them the tools to reach objectives more consistently, going beyond equipment reliability and production reports.
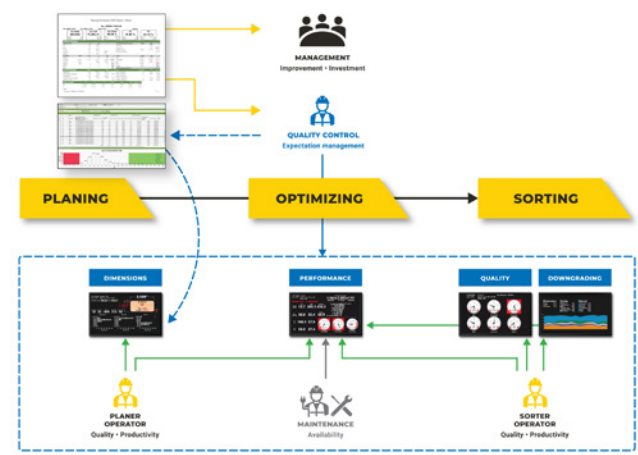
Our entire philosophy drives us to support you in your efforts to be more efficient and profitable.

OBJECTIVES — **STRATEGY** — **KPIs TO SUPPORT STRATEGY** — **EQUIPMENT** — **PERSONNEL**

MOVE THE WOOD

- VALUE
- SPEED

- REDUCE COSTS
- ADD VALUE TO PRODUCT MIX
- HYBRID APPROACH

OVERALL EQUIPMENT EFFECTIVENESS
- OPERATIONAL EFFICIENCY
  - AVAILABILITY
  - PRODUCTIVITY
- QUALITY
  - LUMBER RECOVERY FACTOR (LRF)
  - REJECTS

SAWMILL → BREAKDOWN → TRIMMING

AVAILABILITY & LOG DIET → LOADER OPERATOR

AVAILABILITY → MAINTENANCE CREW

ROTATION & LENGTH ERRORS
GAPS & MICROSTOPS → BREAKDOWN EQUIPMENT OPERATORS

EMPTY LUGS & MICROSTOPS
TRIM LOSS & CAUSES → TRIMMER OPERATOR

PMP SOLUTIONS — DRIVING WOOD TRANSFORMATION™

INFORMATION TAILORED TO PUT EVERYONE ON THE SAME PAGE

Detailed reports and timely indicators at every level that are in line with your objectives.

PROVEN TRACK RECORD

Today, PMP TeamMate is used successfully in over 100 wood transformation plants in the United States and Canada. It's consistently shown that it can help improve operational efficiency by an average of 20 % and increase the average value of product mixes by 33 %*.

* Results may vary.

INCREASE PRODUCT MIX VALUE **33%**

UNIVERSALLY COMPATIBLE

PMP TeamMate is compatible with every equipment manufacturer.

AUTOLOG®

VAB — A TIMBER AUTOMATION COMPANY

USNR

THIS IS ONLY A FRACTION OF WHAT WE DO.

Contact us today to find out how PMP SOLUTIONS products and services can help you grow your wood transformation business.

PMP SOLUTIONS

DRIVING WOOD TRANSFORMATION™

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