



Your Intelligent Automation Partner  
Delivering the Factory of the Future

Total Production Optimization Solutions  
for Wind Blade Manufacturing

## TOTAL PRODUCTION OPTIMIZATION

### Cloud-enabled Wind Blade Manufacturing Optimization Solution



Manufacturing in the Composites industry demand cutting edge precision and maximum yield of expensive materials. Plataine's Total Production Optimization (TPO) technology offers unprecedented capabilities to do both, augmenting every step of the production process through the Industrial IoT. TPO leverages sensor technology, state-of-the-art sensors, and proprietary algorithms to work with your existing infrastructure to maximize efficiency and precision, from raw materials to customer delivery.

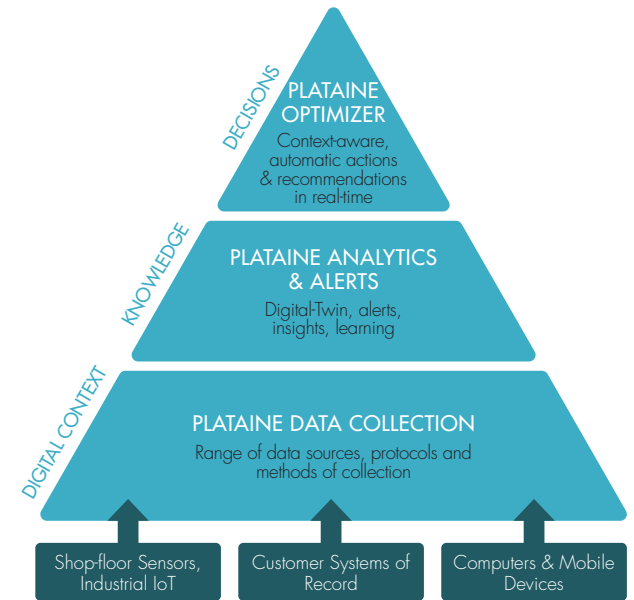
### Solution Benefits

- Significant material savings drive greater profitability
- Automation of cut plans leads to higher efficiency
- Remnants (Short Roll) utilization for minimized material waste
- Reduce manual tasks & paperwork
- Supports sectional nesting and other industry requirements
- Optimal balance between material yield and packing & sorting operations
- Complete visibility and traceability from raw material to end-product

## IIOT & THE PLATAINE ADVANTAGE

### Cut What you Need When You Need It

Plataine's solution allows you to streamline all your cutting operations while saving material and reducing operations costs. Cutting plans created based on your work orders, material inventory and latest geometries ensure both efficiency and quality. The result is increased throughput and capacity while minimizing errors leading to quality rejects and re-work.



### Plataine's Digital Assistant



#### Step 1

Automatic Data Collection and Digital Tracking



#### Step 2

Real-time and context-aware knowledge base

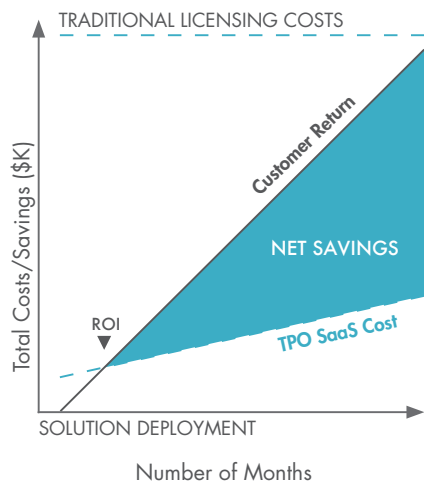


#### Step 3

Optimized and automated decisions and actions

### Get the Most From Your Investment with Plataine's SaaS Delivery Model

Plataine's Software-as-a-Service (SaaS) delivery model harnesses the cloud to provide secure, risk-free, and more cost-effective manufacturing solutions that seamlessly integrates with the processes and hardware that make your company great.



### SaaS Benefits

- Immediate ROI – With the SaaS model Plataine's customers to achieve ROI straightaway.
- Minimal Upfront Expenditure – No need to pay for the software upfront, meaning a faster ROI.
- Enterprise-Class Security – Cloud solutions offer maximum security for when your network being compromised is not an option.
- Let Us Handle the Details – Our team of application experts are available to you to help solve any problem, big or small.
- No More Downtime – We handle the upgrades on our end, eliminating machine idling and maintenance requirements.

Plataine's patent-protected technologies are used by leading manufacturers, and its partnerships help advance the 'Factory of the Future' worldwide.



### EASY INTEGRATION, REMOTE & SMOOTH DEPLOYMENT

Our customers enjoy quick integration with ERP, MES, Inventory Management Systems and other existing systems to ensure the continuity of information flow with absolutely no disruption to your on-going production.

Plataine is the leading provider of Industrial IoT and AI-based optimization solutions for advanced manufacturing. Plataine's solutions provide intelligent, connected Digital Assistants for production floor management and staff, empowering manufacturers to make optimized decisions in real-time, every time. Plataine's patent-protected technologies are used by leading manufacturers worldwide, including Airbus, GE, Renault F1® Team, Stelia North America, Muskogee Technology, IAI, Triumph, General Atomics, TPI Composites and Ethan Allen. Plataine partners with Siemens PLM, McKinsey & Company, VIRTEK, the AMRC with Boeing, and CTC GmbH (an Airbus Company), and is also a part of the National Composites Centre (NCC) membership network, to advance the 'Factory of the Future' worldwide. Plataine is ISO 27001 certified for compliance with information security management requirements. For more information, visit: [www.plataine.com](http://www.plataine.com).

### FOR MORE INFORMATION

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