



Plataine Announces Patent Grant from U.S. Patent Office for Multi-Dimensional Resource Optimization in the Manufacture of Substantially Two-Dimensional Elements

Patented technology drives significant savings in raw material, increased production throughput and improved quality control

Waltham, MA, Aug. 13th 2014 – Plataine Inc., a leading provider of production optimization software solutions for manufacturers of finished goods using composites materials, metal, fabric, textiles, foam and plywood, today announced that it has been granted United States Patent # 8,798,779, titled "Multi-dimensional resource optimization in the manufacture of substantially two-dimensional elements".

The new patented invention enables the efficient use of resources to fulfill customer orders, product design and resource data, and subject to specific business' rules and objectives, such as consumption of units of raw material and utilization of production stations. For a given set of customer orders, multiple scenarios of production plans are automatically and optimally computed and recomputed until an optimized production plan is achieved. The production plan can be generated at a location remote from the manufacturing site, and it can then be sent automatically to the production stations.

"This patent award demonstrates our dedication to create and then protect the value of our sophisticated algorithms and technology, affirming Plataine's leadership position in the creation of innovative solutions for manufacturers in the range of industries we operate in," said Avner Ben-Bassat, President & CEO of Plataine. "Over the last 20 years, Plataine has continuously invested in innovation and we continue to innovate in the production, automation and optimization market, leveraging our highly experienced team of world-class engineers, as well as our customer base to identify the needs and challenges that they face."

Plataine's patented production optimization and automation solutions bridge the gap between CAD, ERP and the production floor, enabling manufacturers of finished goods using composites materials, metal, textiles, fabric and plywood, to be more competitive by increasing material utilization, improving productivity, controlling quality and shortening manufacturing cycles to ensure on-time delivery of products to customers. Plataine's core product, Total Production Optimization (TPO), processes all production and engineering data in a single decision-making framework in real time. TPO offers manufacturers an end-to-end solution that optimally selects raw material, utilizes remnants, generates cut-plans and nests, uses RFID technology to track production floor activities and provides management reports for analysis and future plans. The solution takes into consideration multiple factors such as customer requirements, order delivery date, geometric part-files, inventory on hand and machine capabilities. Plataine's solutions are cloud-based and offered on a Software-as-a-Service (SaaS) basis, minimizing upfront costs and allowing a considerably faster ROI.



About Plataine Inc.

Plataine Inc. is a leading provider of production optimization software solutions for manufacturers of composites material, textile, metal, plywood and foam products. Plataine's production optimization solutions enable manufacturers to be more competitive by increasing material utilization, improving productivity and shortening manufacturing cycles to ensure on-time delivery of products to customers. Plataine's solutions are used by hundreds of manufacturers worldwide, including AIP Aerospace (Composites Horizons), Ashley Furniture, Century Furniture, Ethan Allen, Flexsteel, Haworth, Hexcel, Hitco, IAI (Israel Aerospace Industries), Interstate Foam Supply, Steelcase and Kaman Aerospace. Plataine has offices in the United States, Europe, China and Israel, with partners and distributors worldwide. For more information, visit www.plataine.com or contact your local Plataine office.