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For more information, contact:

Mike Jones
Pallet Alliance, Inc.
919-442-1400
mike@tpai.com

Christina Sandidge
BTB Integrated Marketing
919-872-8172
christina.sandidge@btbmarketing.com



Pallet Alliance Awarded Patent for the Industry’s First Embedded Tracking Technology for IoT-Enabled Wooden Pallets

The company’s revolutionary IntelliPallet™ platform is the only enterprise-scale pallet management service to integrate IoT-enabled location & environmental sensors into wooden pallets for greater supply chain & logistics visibility

CARRBORO, N.C. (February 25, 2021) – [Pallet Alliance](#), a leading innovator in comprehensive pallet management programs for multi-site manufacturing and distribution companies, has been awarded a patent from the U.S. Patent and Trademark Office for its revolutionary [IntelliPallet™](#) platform, the industry’s first enterprise-scale pallet management service to integrate IoT-enabled location and environmental sensors into wooden pallets for greater supply chain and logistics visibility. The patent award (No. 506368778) marks a major breakthrough for the IntelliPallet™ IoT platform, which provides a wide range of flexible and economical wireless options, including the ability to integrate end-to-end IoT connectivity without requiring customers to convert their existing wooden pallet systems to more costly composite pallets.

“Our IntelliPallet™ platform has the potential to revolutionize how supply chain professionals operate within the logistics industry, considering that wooden pallets comprise more than 90% of today’s global palletized shipping market, and are significantly less expensive and more sustainable than engineered alternatives such as plastic or composite pallets,” said Mike Jones, a principal at Pallet Alliance. “With this patent, we look forward to expanding the prospective

market opportunities for the IntelliPallet™ while strengthening Pallet Alliance’s presence within this emerging area of the logistics industry.”

Introduced in November 2019, the IntelliPallet™ technology is compatible with mobile (cellular), Bluetooth®, LoRa WAN, and Sigfox protocols, which enable Pallet Alliance to offer optimized pallet tracking solutions, including custom end-to-end IoT connectivity, location, and data analysis specifically based on customers’ needs. Given its extensive scope of wireless connectivity options, the IntelliPallet™ platform is ideal for actively tracking pallets in both indoor and outdoor environments, and once installed, the integrated IoT module is virtually undetectable.

For more information about Pallet Alliance’s IntelliPallet™ IoT technology, please visit <https://tpai.com/services/intellipallet-iot-technology/>. To get a detailed look at how the IntelliPallet™ tracking system works, please watch the [video here](#). For more information about Pallet Alliance, please visit their website at <https://tpai.com/>, or follow them on [Twitter](#) and [LinkedIn](#).

About Pallet Alliance

Pallet Alliance, Inc. is an innovative leader in the design and implementation of national pallet management programs for multi-site manufacturing and distribution companies. Working collaboratively with customers, Pallet Alliance employs a comprehensive approach that combines manufacturing, pallet, and market expertise to identify and eliminate the factors that drive cost reduction by optimizing the product-process interface with knowledgeable, industry-specific pallet management systems. For more information, visit www.tpai.com, email solutions@tpai.com, or call 919-442-1400.