

## PLATAINE ANNOUNCES NEW PATENT GRANT FOR MANUFACTURING OPTIMIZATION USING DIGITAL THREAD TECHNOLOGY

**Waltham, MA, January 20, 2021** – Plataine, a leading provider of [Industrial IoT \(IIoT\) and AI-based solutions](#) for manufacturing optimization, has today announced that it has been granted [US Patent #10852712](#), titled tracking production processes in a manufacturing facility using searchable digital threads. The solution that has been patented is a software-based method for tracking production across factory operations using Digital Twin and Digital Thread technology. Plataine uses cloud-based AI technology to create a virtual replica of the factory floor in real time, a Digital Twin, to track every element of production, from raw material to end product, creating a comprehensive searchable production record – the [Digital Thread](#).

The newly patented method operates by tracking the location, status and operations of all key assets – such as machines, tools, raw materials, kits, work-in-progress, and parts – in the production environment and monitoring them throughout the factory. This establishes full, real-time connectivity, recording the status and location of every asset to weave a searchable database of Digital Threads that can report on each production line, any time and everywhere on the production floor. Plataine’s technology means that Plataine’s software and manufacturing managers are always aware of what is happening at every stage of the production line, allowing them to constantly prioritize and optimize operations and also to take pre-emptive action to avoid future problems. Meanwhile, the Digital Thread allows full traceability for quality & quality control purposes, ensuring that highly regulated zero-error-tolerance industries such as aerospace, are always audit-ready.

**Avner Ben-Bassat, President & CEO at Plataine, says:** “We are excited to add another substantial recognition from the US Patent and Trademark Office (USPTO). The Industrial Internet of Things is employing digital technology driving a fourth industrial revolution, and we are rapidly moving into a future where all factories are able to track, trace and share all data in real-time. Our goal is to push the envelope of manufacturing with our Artificial Intelligence and [IIoT technologies](#), helping our customers at every step of their digital journey towards the transition into fully digitalized manufacturing. The new patent grant is yet another milestone in achieving this goal.”



*AI algorithms turn data into decisions, recommendations and actions*

### About Plataine:

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<sup>®</sup> 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. For this work, Plataine has received a Leadership Award from Frost & Sullivan and Innovation Awards from the JEC and CompositesUK organizations, as well as the Shanghai Society of Aeronautics (SSA). Plataine is ISO 27001 certified for compliance with information security management requirements. For more information, visit: [www.plataine.com](http://www.plataine.com)

#### **About the United States Patent and Trademark Office (USPTO)**

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