



IVISYS Transforming Pallet Inspection by Setting A Global Standard

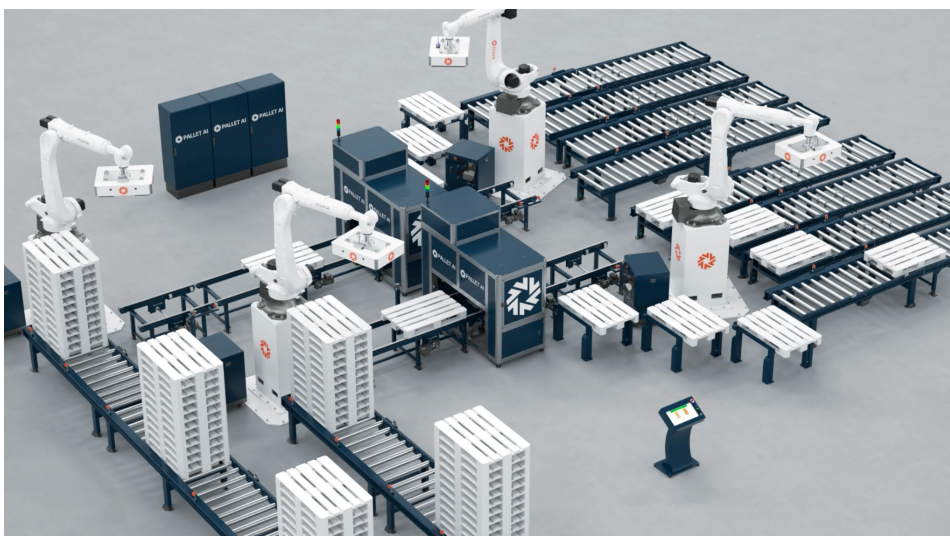
“At IVISYS, we’re not just asking how we can improve processes—we’re focused on how we can revolutionize entire industries,” says Stefan Bohman, CEO of IVISYS. Automation is crucial in today’s logistics industry but imagine this: you’ve built a state-of-the-art automated warehouse, the machinery hums along in perfect rhythm—until one day, everything grinds to a halt because of a pallet flaw that was missed. One overlooked issue, and you’re suddenly facing downtime, lost productivity, and unexpected costs.

“This is the reality many businesses face today, and it’s a problem we’ve set out to solve. We are excited to introduce a technology that does just that; the PALLET AI” states Stefan.

Automation Demands Consistency

Automation in logistics is like a well-choreographed dance—every step needs to be in perfect sync. But here’s the kicker: in the US alone, there are nearly 2 billion pallets in use, with 400 million of those handled manually each year. And yet, the quality of these pallets is often an afterthought, which is a huge problem when you’re trying to automate.

Imagine a warehouse team working tirelessly to ensure everything runs smoothly, but they’re forced to stop and manually inspect pallets one by one. It’s time-consuming and inefficient, and that’s where automation comes in.





The Role of Standardization

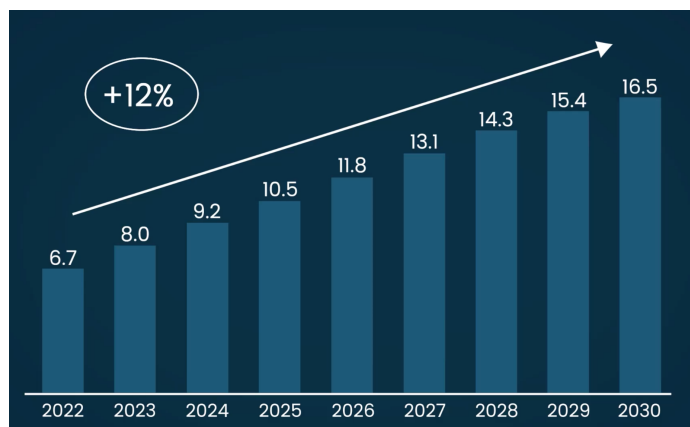
“The US pallet market is a bit of a wild west—about 40% of pallets are custom-built” says Stefan Bohman, CEO of IVISYS. Sure, some industries like Food & Beverage have started standardizing with GMA pallets because retailers demand it. “But the truth is, poor pallet quality can bring your automated warehouse to its knees. Automated systems like AS/RS (Automated Storage and Retrieval Systems) have zero tolerance for errors, so standardization isn’t just important, it’s critical” Stefan explains.

PALLETAI - a game changer

“At IVISYS, we’ve spent over 25 years perfecting the art and science of pallet inspection. When we first set out, our mission was simple: create the missing piece in warehouse automation—PALLETAI” says Stefan Bohman, CEO of IVISYS. We all know that some companies are investing millions in automation, but the inconsistency in pallet quality still causes them constant delays. “There can be no automation without proper pallet inspection.” and this is where the PALLETAI comes in as a game changer.

US pallet market is booming

The US pallet market is booming—\$15.3 billion in sales in 2023 alone, with another \$3.5 billion in the rental market. But with growth comes challenges. Maintaining consistent pallet quality is tougher than ever, especially with labor shortages and the high cost of manual production.



“That’s where we saw an opportunity to make a real difference” states Stefan.

The warehouse automation market in the US is expanding at an unprecedented rate, with a compound annual growth rate of 12%. Technologies like AGVs and AMRs are becoming the new standard, and the pressure on pallet quality is greater than ever. A single flaw—whether it’s a crack, a missing board, or a protruding nail—can throw off the entire system, leading to delays, disruptions, and unexpected costs..



PALLETAI a groundbreaking approach to pallet inspection

“PALLETAI is a cutting-edge solution designed to ensure pallet quality at every step. Whether you’re using wooden or plastic pallets, PALLETAI identifies defects before they become roadblocks, keeping your operations running smoothly and efficiently” says Stefan Bohman, CEO of IVISYS. By addressing these issues early, we help you reduce downtime, boost productivity, and ultimately stay competitive in an industry that’s moving faster than ever.

“The strength of PALLETAI lies in its complexity and precision. This isn’t just another tool; it’s a groundbreaking approach to pallet inspection. With 26 deep neural networks, PALLETAI handles the natural variations in pallet materials and designs with exceptional accuracy” says Stefan.

PALLETAI operates like a meticulous human inspector, thoroughly examining each pallet. But it doesn’t stop there—it detects cracks, holes, and segments pallet parts with remarkable precision. It’s also highly effective at recognizing patterns, making it ideal for spotting mold, discoloration, and other subtle defects that are crucial for maintaining pallet quality. And all of this happens in real-time.

Why a Global Standard is Essential

Why focus so much on setting a global standard? The answer is clear: automation isn’t just a passing trend; it’s the future, and it demands consistency and reliability. PALLETAI doesn’t just meet these demands—it exceeds them, setting a new industry benchmark.

“PALLETAI isn’t just about pallets—it’s about using data to transform how pallets are inspected and handled. Like Tesla’s self-driving system, PALLETAI learns, adapts, and improves based on real-world data” says Stefan.

We’ve spent years collecting and analyzing data from millions of pallets, just like Tesla has done with their vehicles. This real-world data helps PALLETAI continuously improve its accuracy.

PALLETAI shaping the future of the pallet industry

“Our goal is to set a new standard for pallets” states Stefan Bohman, CEO of IVISYS. By creating a global benchmark, we ensure that businesses worldwide can rely on a consistent, objective, and automated process for evaluating pallet safety and performance. This isn’t just about whether a pallet can hold up under certain conditions—it’s about making sure every pallet meets your specific standards of quality, regardless of where it was made or what it’s carrying.



“At IVISYS, we’re not just tackling today’s challenges—we’re shaping the future of the pallet industry” says Stefan Bohman, CEO of IVISYS. With PALLELTAI, we’re setting a global standard that ensures your operations are not only efficient and reliable but also future-ready. Together, we’re transforming how pallets are inspected and handled, raising the bar for the entire industry.

Athanase Innovation investing in AI technology

IVISYS is owned by Athanase Innovation, which is an alternative investment firm investing in technology related private and public assets. Athanase Innovation AB is a public company listed on NASDAQ First North Growth Market in Stockholm, Sweden.

[Read more.](#)

The IVISYS lowdown

- *40 dedicated employees.*
- *Headquarters in Stockholm, Sweden, with offices in Gothenburg, Sweden, and Chicago, USA.*
- *Serving clients across 10 countries, including some of the world’s most prestigious brands.*
- *Global customer requests spanning multiple industries.*
- *Over 5,000,000+ pallets inspected since 2020*
- *Approximately 500,000+ defects found each month*
- *Industry expertise across logistics, food & beverage, retail, and warehouse automation.*
- *Over 20 years of experience in machine vision, delivering innovative, high-impact solutions.*

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