



How Matics Can Help Packaging Manufacturers Improve their ROI with Real-time Insights

What is Matics?

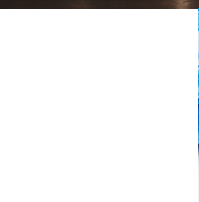
Matics is a shop floor analytics and management platform that significantly improves operational efficiency and profitability. Matics' plug & play cloud-based solutions turn your plant into a digital, agile, proactive factory. Using real-time automatic data collection, visualization, analysis, call-for-action, and dynamic process automation, Matics enables remote collaboration, improving productivity by over 25% within a few months. Matics serves as a personal digital assistant for all staff on the factory floor and helps teams make smart business decisions on-the-spot when it matters most.

Common Challenges in the Packaging Industry

1. Extremely competitive market to produce high volumes at low cost
2. Raw material cost fluctuation threatens profitability
3. Lack of skilled talent, resulting in insufficient staff
4. Increased market-driven personalization resulting in more complex production
5. Difficulty accurately measuring minimum order quantity to calculate profitability
6. Market pressure to produce eco-friendly alternatives by minimizing waste
7. Health, safety, and environmental regulations

Shop Floor Challenges for Packaging Manufacturers

1. High changeover that causes production set up issues
2. Limited shop floor visibility in a complex multistage production
3. Inability to make data-driven decisions and to take corrective actions in real-time
4. High volume of material waste and scrap without insight into reasons or contributing factors
5. Unplanned downtime resulting in decreased production and reduced ROI



Addressing Challenges with Matics

- Full transparency of shop floor operations via connecting to all machines (old & new)
- Identifying stop events automatically in real time
- Alerts & notifications: ability to identify critical issues and respond immediately
- Automatic connection to ERP
- Constant production parameters monitoring versus plan
- Robust knowledge capturing with full and accurate historical records
- Paperless factory with less time spent on preparing for meetings or creating reports
- Internal communication between all stakeholders

KPIs

Without Matics:

typical average OEE of the vertical: 45%

With Matics:

- Going live within 1 day from machine connectivity (full visibility and data collection)
- Increased OEE by 10% after 4 weeks
- Increased OEE by 25% after 6 months
- Increased machine availability by 10% after 4 weeks
- Increased machine availability by 25% after 6 months

Matics' Solutions:

Maximized Production Efficiency

Matics keeps your interconnected manufacturing processes running smoothly by eliminating single-point failures that can halt production. With Matics RtOI, you can make data-driven decisions in real-time during the shift. Unlimited transparency into the production journey results in high machine availability, reduced downtime, and improved asset capacity by over 25%.

Optimized Changeover and Setup Times

Equipped with real-time setup and monitoring capabilities, Matics significantly improves the process of setting up each machine, which reduces high changeover time in production.

Accurate and Immediately Actionable Insights

Matics collects and analyzes vast amounts of data in real-time from multiple sources (including machines, sensors, ERP systems, and people) to help you always stay focused on the most important issues. Matics provides real-time data-driven insights, enabling you to take action based on current, factual information. Shop floor operators are empowered to attend to any malfunction at the first sign and reduce bottlenecks during production.

Real-time Analytics for On-time Deliveries

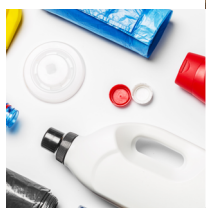
Matics provides data and diagnoses defects in real time and analyzes reports to better anticipate delivery dates and lead time. With Matics' dynamic Gantt, you can track your production plan progress and adjust your schedule accordingly.

Reduced Scrap and Optimized Material Consumption

Matics alerts your team when there are developing malfunctions in production and corrects them before they create quality issues that result in waste. Matics enables your team to make effective decisions that optimize performance and cut costs. With reduced scrap and money saved, you can allocate your extra resources to improve production.

MOQ Optimization Analysis

Matics provides your team with smart analytics tools dedicated to calculating your MOQ with precision, resulting in a more profitable bottom line. You can measure the actual setup time, production time, and other parameters first, ensuring each order meets the necessary requirements.

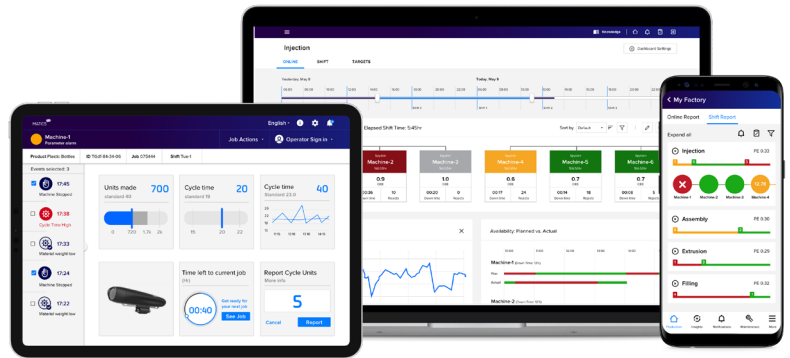


Matics systems are operational 24/7 in hundreds of factories around the world

“The Matics real-time manufacturing analytics implementation was a plug & play. The key was to be consistent, to teach our people how to use the platform, and to help them realize it was in their best interest to use it.”

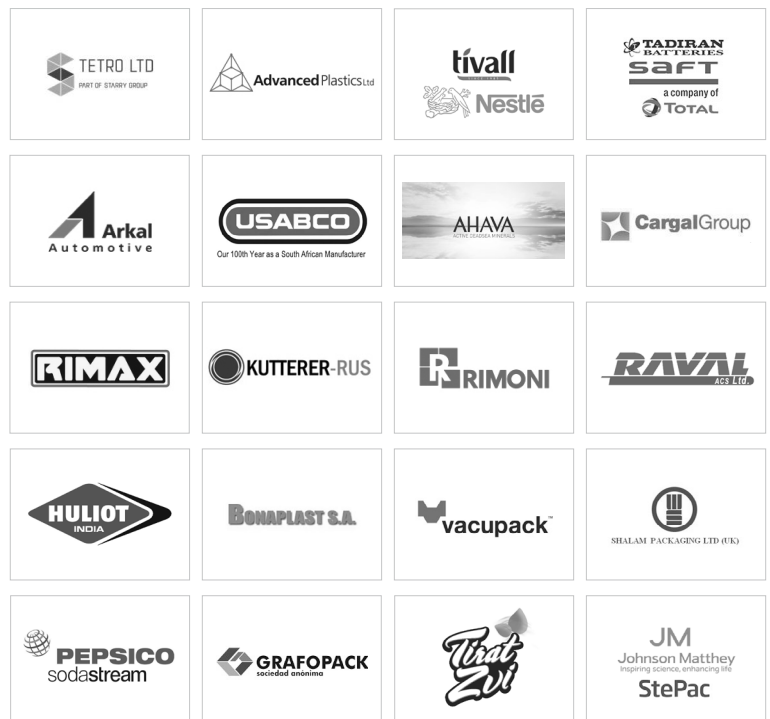
Zohar Elimelech - Chief Information Officer, Tirat Zvi

Contact us today to learn more about how we can help you implement our non-disruptive industry-leading solution in as little as a single day.



BOOK A DEMO

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