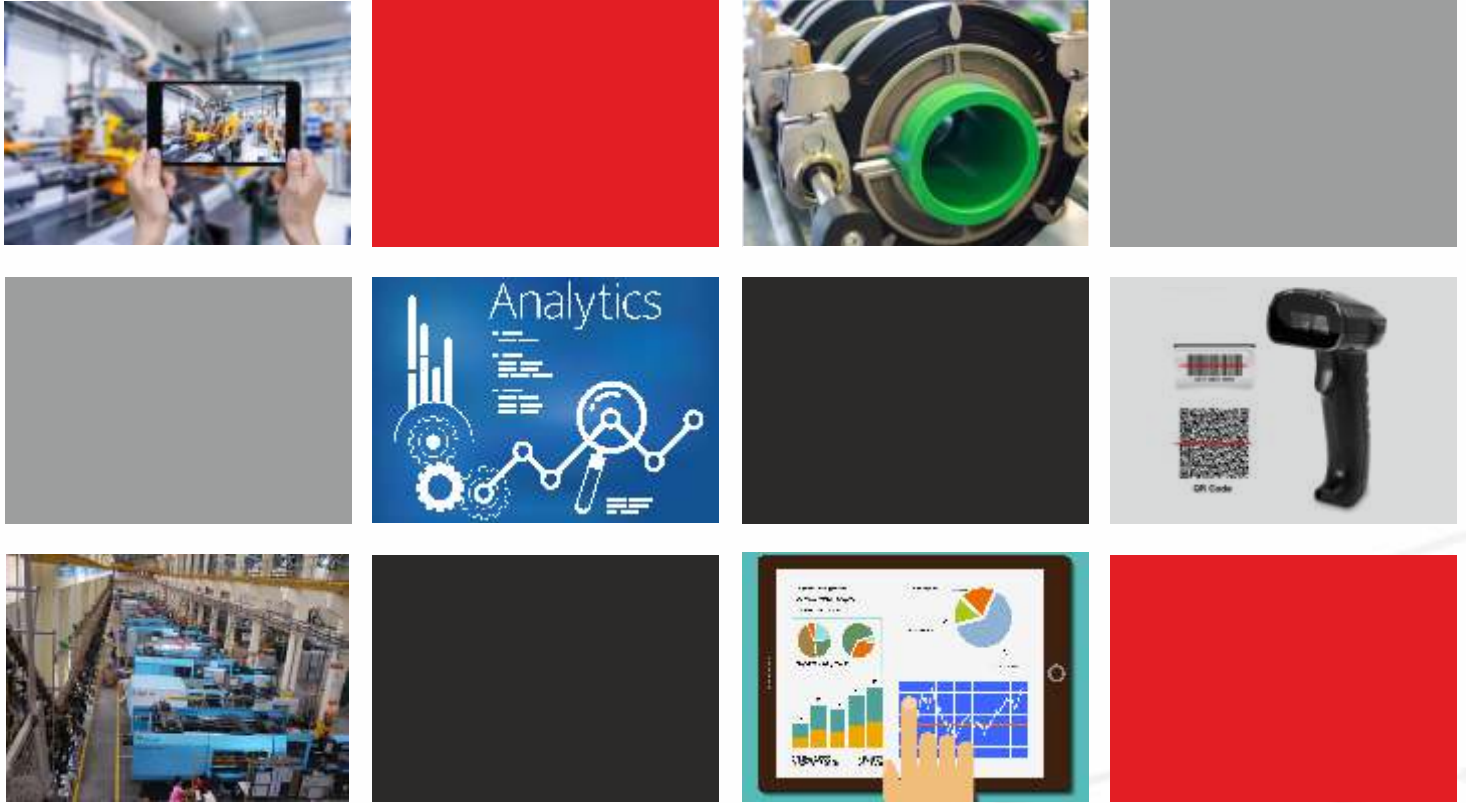


Material tracking and traceability

for plastic processing units



EcoAxis offers a comprehensive material tracking and traceability module with axisPLAST4.0 specifically designed and developed for plastic processing units. This solution stores data about material, machine, mold used for production, date, time, and operators at different stages of production. With this background information available the solution provides easy access to track and trace step-wise process history about any finished product.

This solution can be easily integrated with EcoAxis' Smart Manufacturing solution – axisPLAST4.0, and business systems, such as any ERP or MES, to provide a holistic view of any plastic manufacturing facility including planning, production, material tracking, machine and tools performance, quality control, and operators involved.

- Tracking of material consumption and quality: helps achieve effective inventory management
- Tracking finished goods callback history: quick and effective callback management
- Tracing any lapses in production processes and practices: improving quality and production processes
- Online data capture through scanning: a sustainable and effective solution that eliminates the use of paper and reduces error since there is no manual intervention



Root cause analysis

- Access to all relevant data on finished products
- Quick identification of issues
- Minimise the impact of material or process deviation



Continuous improvement

- Visibility of data on each stage of manufacturing
- Identification of point of failure
- Historical data to design continuous improvement



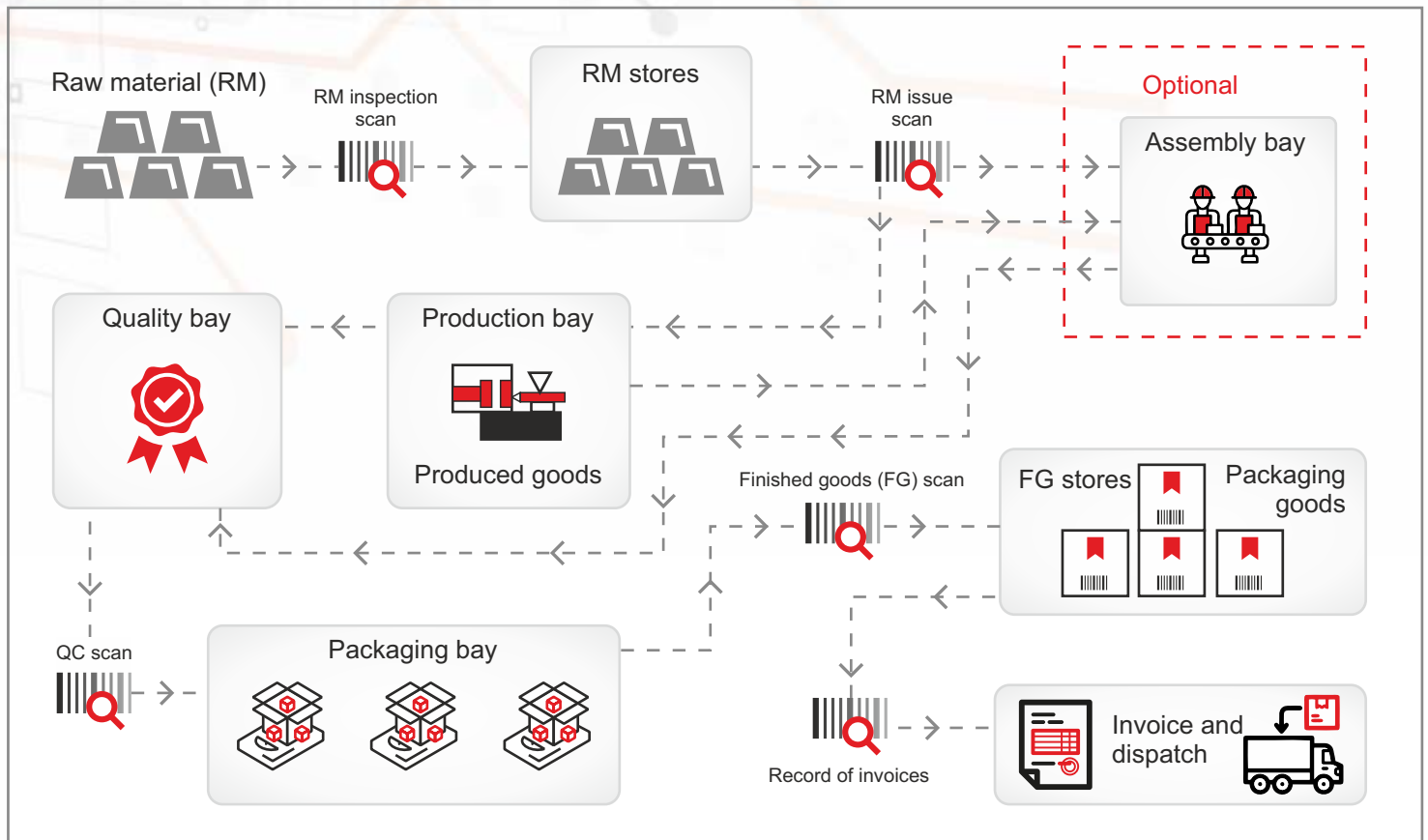
Value stream mapping


- Visibility of material utilisation
- Identify waste and inefficiencies
- Management of raw material inventory to ensure continued production without the need for excess stock



Quality and engagement

- Transparency of QC data at different levels
- Quick access to data
- Identification of critical paths in the quality process



 Material tracking and traceability scan

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