

FI – Analytics

Gain better insight into production performance and trends to drive corrective actions.

Your Challenge

You lack the proper tool to thoroughly analyze production data over time in order to continuously improve manufacturing productivity and overall quality. You need in-depth extensive data analyses in order to really understand where you could optimize your manufacturing process.



Our Solution

Factory Intelligence Analytics provides web-based dashboards for visualization of metrics related to the Overall Equipment Effectiveness (OEE) model, including Quality, Availability & Performance. The Drill-Down feature gives you advanced analytics on placement issues and defects in order to pinpoint root cause & initiate immediate action.

70

KPIs

Based on the OEE model

2

Drill Down Reports

Placement Drill Down
Defects Drill Down

We have Cogiscan's **Factory Intelligence** tracking the performance of our **6 SMT Lines**. Displayed on **TV screens** at the beginning of each line, FI offers a **quick, visual illustration of critical key performance indicators** to our production team.



Jason Sciberras, Saline Lectronics





Boosts your factory OEE

Optimize machine and line availability, quality, and performance.

Encourages continuous improvements:

Provide actionable intelligence to quickly identify and eliminate problem areas.

Simplifies decision-making

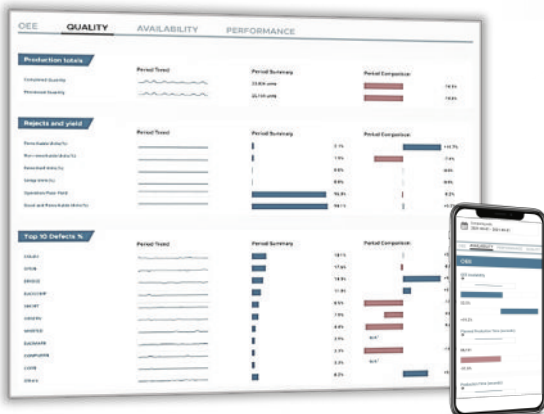
Use hard data to justify equipment investments and effectively plan production capacity.

Improve manufacturing efficiency

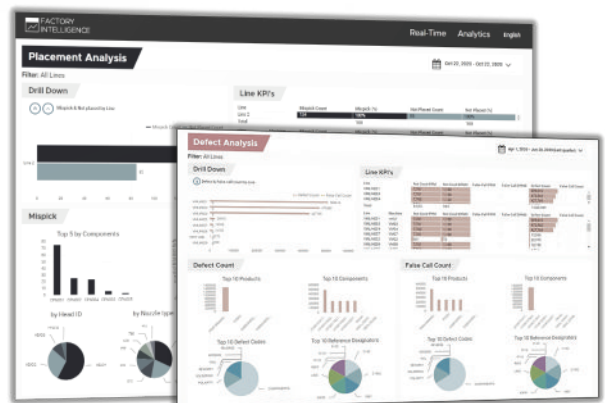
Optimize machine usage by eliminating bottlenecks and minimizing downtime.

Features

Analytics



Drill Down



1 Mobile-friendly web interface:

Intuitive and mobile-friendly web interface that allows for quick assessment of quality, performance, and availability data per machine.

2 Open access to collected data:

Collected data can be integrated into a third-party business intelligence tool, or other external reporting app, using standard interfaces (API).

3 Large interface library:

Quickly connect compatible machines with our large interface library for most electronic assembly equipment types.

1 Placement Drill Down:

Mispicks and Not Placed components for pick & place machines

Drill down to line, machine, component, feeder ID, head ID, nozzle type, & spindle ID.

Paretos by components, feeder, head ID, nozzle type, spindle ID.

2 Defect Drill Down:

Defects and false call counts, DPMO & PPM for inspection & test operations

Drill down to line, product, product part number, component, defect code, reference designator, pin.

Paretos by product, component, defect code, and reference designator