



Cogiscan

* Track Trace Control

Your
competitive
edge

Your competitive edge

The Cogiscan suite of TTC – *Track Trace Control* – solutions includes world-class Material Control, Traceability and TTC Analytics to achieve significant improvements in visibility, quality and productivity. These are the most critical applications for electronics assembly because they deliver the greatest return on investment and provide a strong competitive edge to their users.

All Cogiscan TTC applications are built upon a robust data collection layer called TTC Middleware. It is the layer that connects the shop floor with the Cogiscan TTC application platform, and/or various applications from different vendors. Due to its open architecture the real-time data can be shared to increase the value of enterprise systems such as PLM, MES, ERP and Business Analytics.

Our leadership in TTC technology enables us to form strong partnerships with leading industry equipment and software vendors. This means that you can count on a solution that will seamlessly integrate with your operations now and in the future. Our solutions solve today's production challenges while setting a solid foundation for the factory of the future.

Track, Trace, Control Solutions



Material Control

Components represent the majority of the cost of a circuit board, so effective material control becomes crucial for any manufacturer to stay competitive. Clients implementing our solutions have seen cost reductions as much as 5%. Better cost control means a competitive edge for you and your customers.



Traceability

In today's world, complete and accurate traceability has become mandatory to reduce the cost and liability issues associated with product warranty and recalls. Manufacturers offering Cogiscan's high end traceability are better positioned to gain and retain a loyal customer base.



TTC Analytics Factory Intelligence

An integrated system that tracks productivity across a manufacturer's global operation is a game-changer in today's competitive environment. Cogiscan's Factory Intelligence monitors productivity per machine and per line, in real-time, throughout your factory, and also from site to site. The graphical dashboards display Key Performance Indicators (KPIs) that provide a clear picture of global productivity, identifying where to apply corrective action in real-time.



TTC Middleware

Complete and Accurate
Real-Time Data Collection

The TTC Middleware is the foundation for all Cogiscan Track Trace Control applications. This robust connectivity layer extracts high quality real-time data from your shop floor. It can also exchange data with existing enterprise systems such as PLM, MES, ERP and Analytics.

Our TTC Solutions are scalable & modular.

Totally adapted to your needs.

ERP

NPI

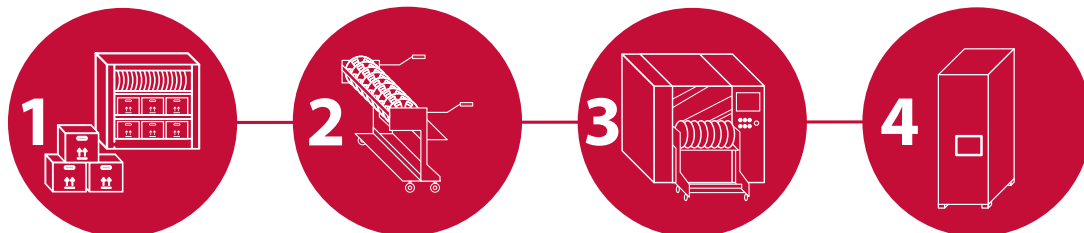
MES

APS

PLM

Material Control on your factory floor:

- Real-time visibility of materials on the factory floor
- Improved quality
- Elimination of human errors



Traceability solutions on your factory floor:

- Troubleshooting and product quality improvement
- Fast and precise recall management
- Process compliance demonstration; simplified client audits
- Improved dependability of the finished product enhances customer satisfaction and confidence.



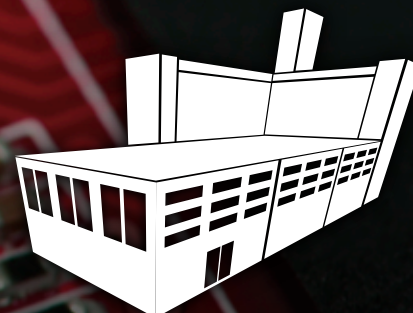
TTC Analytics on your factory floor:

- Establish objective and measurable Real-time KPIs with drill-down views at various levels - from factory, to line, to machine
- Leverage KPI data to drive continuous process improvement opportunities
- Increase productivity through enhanced machine/line management
- Reduce waste



Cogiscan TTC Middleware on your factory floor:

- Integration supported by your equipment provider
- Faster implementation means faster ROI
- High quality data is mandatory for accurate Material Control, effective Traceability and precise TTC Analytics



FACTORY FLOOR



Cogiscan

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Our commitment to customer satisfaction

We strive to establish long term relationships and provide the greatest value by setting realistic expectations, delivering upon our commitments and standing by our products and services. As the leading experts in TTC technology for electronics assembly we can offer you much more than good products and services; we can help you understand the different technologies that are available, identify the solutions that are most relevant for your specific needs, and even quantify the potential improvements to your operations so you can make informed business decisions upfront.

Cogiscan solutions in action

Since 1999, Cogiscan has implemented hundreds of successful TTC installation projects around the world. Discover some of our customer's challenges and their manufacturing success stories through our case studies page at cogiscan.com.

Contact us and see for yourself how Cogiscan can become

Your Competitive Edge

450-534-2644

1-877-534-2644

(US and Canada only)

Info@cogiscan.com

Cogiscan.com