



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.

Our TTC Solutions are scalable & modular. Totally adapted to your needs.

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.



Material Control

Components represent the majority of the cost of a circuit board, effective material control becomes crucial for any manufacturer to stay competitive.

Material Control on your factory floor:

- Real-time visibility
- Improved quality
- Elimination of human errors



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.

Traceability solutions on your factory floor:

- Troubleshooting and product quality improvement
- Fast and precise recall management
- Process compliance demonstration; simplified client audits



TTC Analytics Factory Intelligence

Cogiscan's *Factory Intelligence* monitors productivity per machine and per line, in real-time, throughout your factory, and also from site to site.

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



TTC Middleware

Complete and Accurate Real-Time Data Collection

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.

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





Cogiscan

* Track Trace Control

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