

Systems Integration

Standard methods to share material and process information with other software applications

OUTCOMES:

- **- Eliminate redundant scanning and other transactions**
 - Provide higher levels of intelligence to existing applications
 - Simplify and standardize the data collection process
 - Insure that various systems are always synchronized

The Cogiscan TTC platform is designed to fill functionality gaps and complete existing systems. As a result the architecture is very open. The Cogiscan software can be deployed as a standalone system or it can be integrated with other applications. Over the years several different methods and tools have been developed for seamless integration with third-party applications.

Some basic integration scenarios can be achieved with simple file drop methods. Typical applications include receiving and labeling new materials in multiple applications with a single transaction.

To share real-time material information with MES, MRP and ERP systems one of the primary integration methods is the RPC Web Services which include a wide range of functions. This can be used for example to gather PCB, component and feeder movements in real-time. Another common application is to share remaining components at the end of a job to enable real-time inventory synchronization with an ERP system.

For reporting the Cogiscan TTC platform comes with a number of standard reports which can be exported in various formats to share data with external applications. Users can also create their own reports since they have full access to the material and process data. All historical information is stored in a central data warehouse containing multiple tables that can be searched with standard SQL queries.

Other integration methods are also available for more advanced integration projects.

