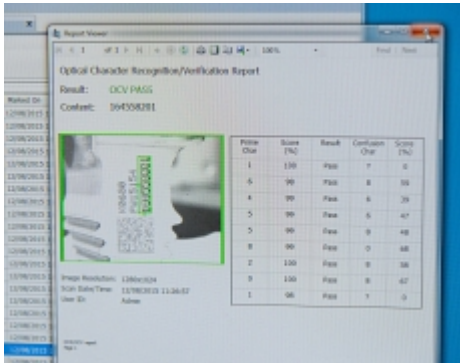


# Software - Quality Control



Pryor's quality control software offers a variety of advanced functions which can dramatically reduce quality escapes in any manufacturing environment. Used across all processes data capture provides a powerful Industry 4.0 solution to improving manufacturing.

- Create a virtual assembly to log and trace unique components within an assembly
- Log manufacturing data and variables against unique component IDs for a full manufacturing history
- Process control - use gated manufacturing steps
- Use machine vision tools to check marking quality and ensure durability through the life cycle
- Produce reports of manufacturing data

## Overview

The Quality Control software module offers 3 key areas of functionality. It is used in combination with the PryorProduction Management Software to provide a powerful manufacturing tool.

- Gated manufacturing steps
- Manufacturing data capture and reporting
- Tracing of uniquely identified components within an assembly
- Marking verification tools

### Manufacturing Data Capture

- By scanning unique ID codes at each stage of manufacturing, data can be logged against individual components
- Machine tools, operators, operating conditions, product variables can all be automatically logged against the unique component ID
- Reports can be generated for manufacturing trends, pre-emptively identifying degradation and quality issues
- The full manufacturing history for a specific component can be instantly recalled in the event of failure, rework or concern

### Assembly Track and Trace

- Individual components can be associated together as they are built into an assembly
- The unique ID of either the assembly or any component can instantly return the rest of the assembly
- In the event of a failed component, the full manufacturing history can be recalled and all components from the same production batch located in their assemblies
- Huge savings in administering recall actions

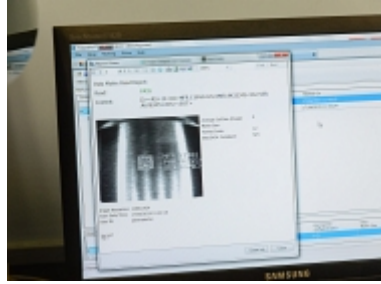
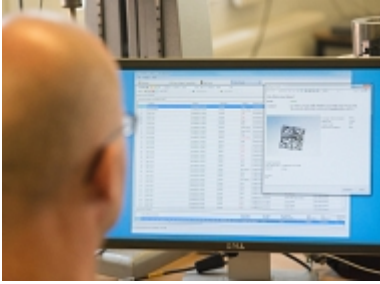
### Mark Verification

- Verify Data Matrix codes against international standards such as AIM-DPM, AS9132, RRES90003, JES131, Spec2000
- Verify correct marking of human readable, alphanumeric text - Optical Character Verification (OCV)

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Additionally, the software can be run from a central server allowing maximum control and flexibility for a manufacturing site - read more about this solution.

### Our Solutions

- Traceability and Data Capture
- Automated Part Marking
- Aerospace Marking Standards
- Automotive VIN Marking
- Hand Tools for Marking and Identification
- Serial Number Marking
- Logo Marking
- Production Data Monitoring



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## Products and Solutions available from Pryor



Traceability and Data  
Capture



Automated Part  
Marking



Aerospace Marking  
Standards



Automotive VIN  
Marking



Hand Tools for Marking  
and Identification



Serial Number  
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Logo Marking



Production Data  
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