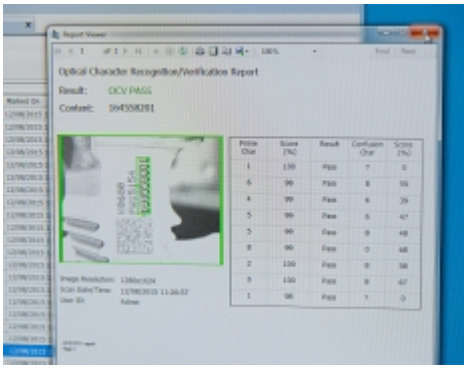
303A Ashcake Road, Ashland VA 23005 USA

T: (804) 4966669 E: sales@pryortechnology.com

W: www.pryormarking.com

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)

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

Pryor Technology Inc.
303A Ashcake Road
Ashland
VA 23005
USA

(804) 4966669

Pryor Marking Technology designs and manufactures the widest range of permanent marking systems in the world, together with software and barcode readers for component tracking and tracing.

Our Solutions

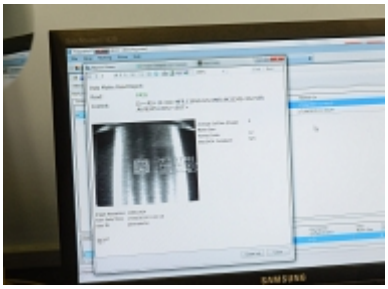
- Traceability and Data Capture
- Automated Part Marking
- Aerospace Marking Standards
- Automotive VIN Marking
- Hand Tools for Marking and Identification
- Serial Number Marking
- Logo Marking
- Production Data Monitoring

PRYOR
MARKING TECHNOLOGY

303A Ashcake Road, Ashland VA 23005 USA

T: (804) 4966669 E: sales@pryortechnology.com

W: www.pryormarking.com



Pryor Technology Inc.
303A Ashcake Road
Ashland
VA 23005
USA

(804) 4966669

Pryor Marking Technology designs and manufactures the widest range of permanent marking systems in the world, together with software and barcode readers for component tracking and tracing.

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

303A Ashcake Road, Ashland VA 23005 USA

T: (804) 4966669 E: sales@pryortechnology.com

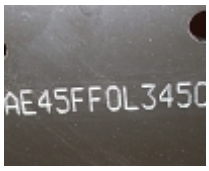
W: www.pryormarking.com

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 Marking

Logo Marking

Production Data Monitoring

Pryor Technology Inc.
303A Ashcake Road
Ashland
VA 23005
USA

(804) 4966669

Pryor Marking Technology designs and manufactures the widest range of permanent marking systems in the world, together with software and barcode readers for component tracking and tracing.

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