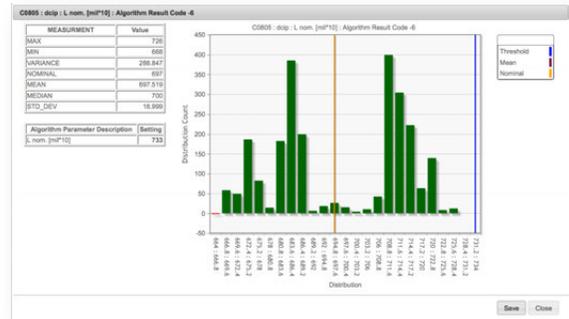
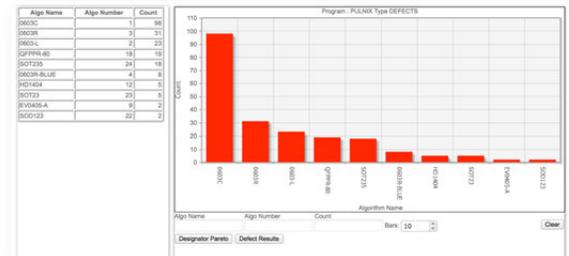
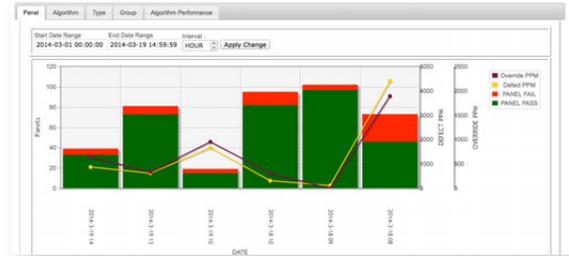


AutoNetworker

MVP's AutoNetworker provides users with the ultimate in flexibility when accessing data generated from the AOI processes. The AutoNetworker is a platform allowing users to gather data from multiple AOI systems and AutoGuide repair stations including defect and measurement data analysis tools. By communicating directly with each element of the AOI network the AutoNetworker acts as a collection hub for information.

Retrieve web based data reports from your desk or office; analyze production performance; identify issues and resolutions all at the click of a mouse. Review individual product performance over a user defined period with MVP's multiple data filters. Use serial numbers to review AOI and confirmed defect data for a specific assembly. Monitor process parameters to tune the AOI process.

Data Collection Simplified



- Applicable to SMT and Microelectronics**
- Scalable dependent on customer requirements**
- Monitor multiple AOI tools performance**
- Attribute, Variable and Dashboard Options**
- Work Order and Lot Reports**
- Webreporting access across company intranets**
- Ease of Use Interface provides ultimate flexibility**

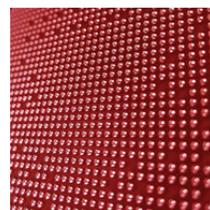
Discuss your SMT and microelectronics inspection application with Machine Vision Products, Inc and discover your solution



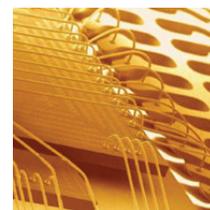
SMT AOI



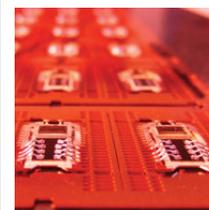
3D Paste AOI



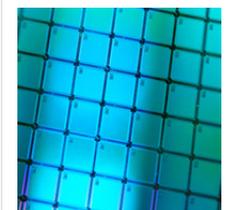
BGA AOI



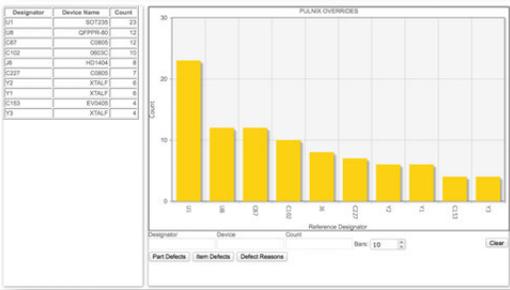
Wire Bond AOI



Die and Epoxy AOI



Die Surface AOI



Access data where you want it and when you want it with the MVP AutoNetworker. No longer is inspection data held locally with the Web Reporting features of the AutoNetworker. Connect to the AutoNetworker from any internal or authorized external connection to initiate the web based reporting utility.

Management Reporting

View graphics rich charts which use both inspection data and verified repair data to determine line performance as measured at the AOI process. Data retrieval on a “per board inspection” basis is a featured functionality within the AutoNetworker. Monitor individual line performance in real time, see where the highest defect trends are occurring. The management report tools allow rapid access to line and product data. Multiple filters allow the user to quickly identify data over a range of time. Identify pass/fails by serial number, or identify the highest process detractors; export data to spreadsheet or save chart data as an image. As the data is stored in a dedicated server webreports can be accessed via the intranet and displayed on any computer within the facility which has authorised access.



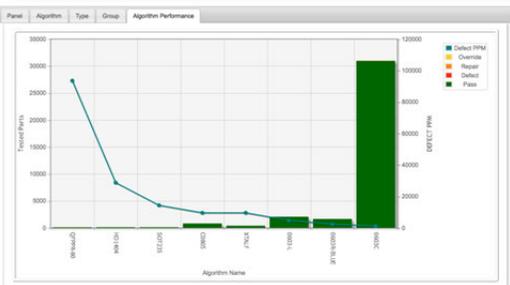
Work Order and Lot Reporting

The AutoNetworker can be used in several different production environments ranging from SMT to Microelectronics. Users can select to output reports based on lot numbers or work orders which detail the total number of inspections, the number of failures, the defect PPM and a defect Pareto amongst a range of other data reports.

ITEM	RESULT
PROGRAM	8K101121014
OPERATOR	man
MACHINE	801
START TIME	2010-12-17 10:23:48
LOT CODE	1418183
ITEMS INSPECTED	6
ITEMS ACCEPTED	6
ITEMS REJECTED	0
DEFECTS ACCEPTED	0
DEFECTS REJECTED	0
YIELD PER HOUR	6.00
YIELD BY DEVICE	93.36

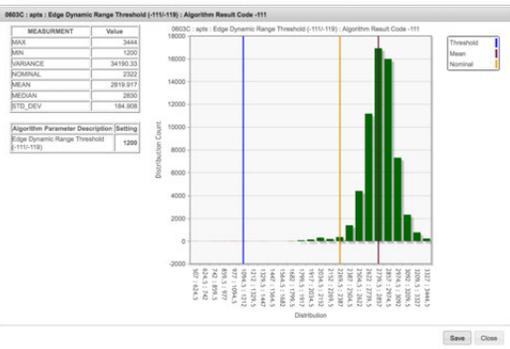
Dashboard

The Dashboard allows the engineering team to rapidly analyze the performance of their AOI programs. An immediate, visual representation of the overall performance of the inspection process allow the user to identify the inspection algorithms with the highest defect and override PPM values. Use the dashboard to monitor and tune the process and understand the distribution of the data set.



Measurement Data

MVP AOI solutions are all based on measurement. Unlike comparison based AOI systems each of MVP's algorithms make decisions based on measurements. All of the measurement data is stored in the AutoNetworker on a product and serial basis allowing engineers to drill down for data analysis.



The user can drill into a range of data returned from the many hundreds of measurements performed on every component type and every product. Multiple charts are available to display various measurements such as the average solder coverage for a specific reference designator over a period of time; for the translation of an 0201 capacitor over one shift or for the distribution of lengths of a specific component for a specific work order.

Worldwide Headquarters
Carlsbad, California USA
800.260.4MVP or 760.438.1138
sales@visionpro.com

European Headquarters
Fife, Scotland UK
+44 (0) 1383 629960
salesuk@visionpro.com

Asia-Pacific Headquarters
Shanghai, P.R.C.
+86 21 6115 2060
salesasia@visionpro.com

