

AutoGuide - Repair and Rework Solutions

iRepair - Intuitive Repair Solutions

Discover MVP's new iRepair software on our range of flexible rework and repair stations. Featuring Desktop and full inline options, MVP brings powerful, yet intuitive, repair environments for our customers. With new features such as language configuration, process configuration, golden image, user defined defects, SQC charts and touch screen options, our new AutoGuide products are best of class.

Repairing printed circuit boards no longer has to be a time consuming process, tying up equipment and staff. MVP has dramatically reduced review and repair time with the new AutoGuide repair station and iRepair application.

Powerful software and flexible handling solutions make it easy to locate, verify and track defects.

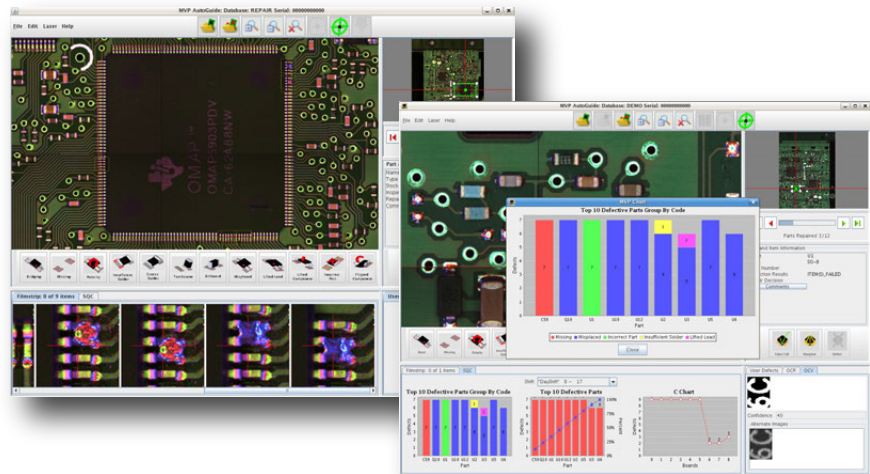
Inline or Offline Repair

Systematic Fault Analysis

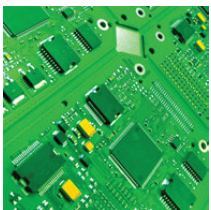
Defect Overlay Analysis

**Configurable Language and
Defect Codes**

**Remote Operation
without stopping AOI system**



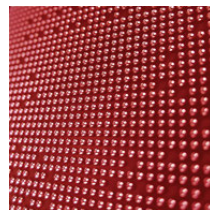
Discuss your SMT and Microelectronics inspection application with Machine Vision Products, Inc and discover your solution



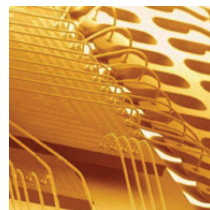
SMT AOI



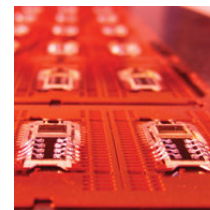
3D Paste AOI



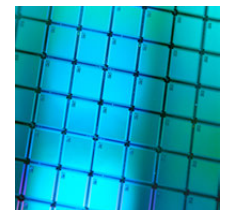
BGA AOI



Wire Bond AOI



Die and Epoxy AOI

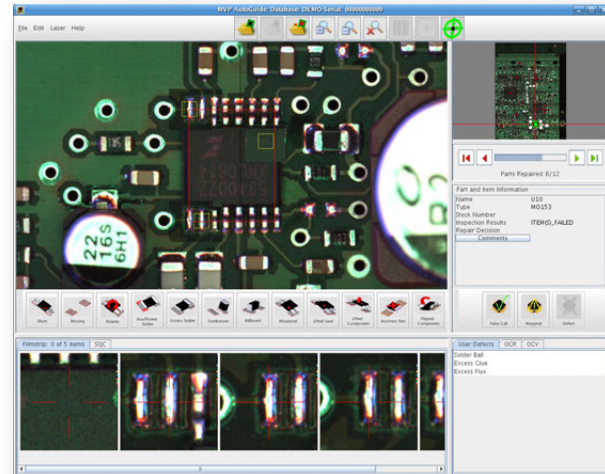


Die Surface AOI



The defect data from the AutoInspector is graphically displayed at the AutoGuide repair station to guide the operator through the review and repair process. Boards are typically tracked with bar codes or serial numbers. Defect images may be saved during the inspection process for review at the repair station.

- Touch Screen Capable
- Intuitive Operation
- Language Configurable
- Defect Overlay Analysis
- User Defined Defect Support
- Process Environment Configuration
- Detailed Defect Categorization
- Image Support from the AutoInspector
- Item and Part Failure Review
- OCR/OCV Support
- Panel/Board Support
- Verification Station Option
- Configurable SQC Data



Available Configurations

MVP provides a number of flexible repair configurations. An optional Laser Pointer aims a laser beam at defects on the actual board to further accelerate repair. Laser guided repair and review is available for conveyorized in-line configurations. The AutoGuide can also be configured as a verification station. MVP has the options available to meet all repair operations requirements.

Touch Screen

MVP's AutoGuide is designed to make use of the latest touch screen technology. The user can quickly use the touch screen functionality to assign defect classification, without the need for keyboard or mouse. Ask MVP about our touch screen option.

Language Configurable

MVP's iRepair software is fully capable to be configured for different global locations. The AutoGuide can easily be configured for the language of the local region so defect classification is easily recognizable.

Intuitive Operation

Utilizing the latest intuitive design, users can quickly review the defect by comparing the expected component quality to the actual defect location. With smart OCV, OCR and Polarity identification, users can quickly and accurately determine defect classifications.

SQC Capability

Statistical quality control reporting provides immediate process control feedback and summary information on defect patterns, yield and process trends in real time.

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The Full Spectrum
of AOI Solutions