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VJ Technologies to Showcase Leading Processes at APEX 2010

March 2010 — VJ Technologies, Inc., the leader in Rework technologies and global provider of advanced X-ray inspection systems, announces that it will exhibit and demonstrate X-ray and Rework solutions in booth 2059 at the upcoming IPC/APEX conference and exhibition, scheduled to take place April 6–8, 2010 at the Mandalay Bay Resort & Convention Center in Las Vegas, NV.

On the Rework side, VJ Technologies will illustrate advanced Rework with Solder Scavenging performed by the Summit Series and 400 Series.

The **Summit 1800** Performance Rework Platform incorporates all of the innovative features that have been developed since the invention of high-level, semi-automatic surface mount and microelectronics rework technology.

The **400 Series** Value Rework Platform is capable of addressing challenging lead-free rework applications. The 400 Series is configurable with an arsenal of recently developed Rework solutions for site dressing, BGA rework and Through-Hole rework eliminating copper dissolution.

Extensive field experience and user feedback have resulted in the development of Rework systems that exceed current and future industry requirements. SierraMate™ Rework software with intuitive 1-2-3-GO operator interface and Auto Profile maximizes ease of use and throughput, while maintaining the inherent capability to rework the most complex area-array components (BGAs, micro BGAs, flip chips, CCGA, etc.).

On the X-ray side, VJ Technologies will display the **Vertex 130** versatile X-ray platform capable of, 2D and 2D off axis X-ray inspection. An all-purpose X-ray inspection system with a large 20 x 24" inspection area, configurable for manual and automatic X-ray examination. NavCam, an on-board sample navigator, provides easy-to-use product positioning, making the Vertex highly suitable for production environments and capable of addressing a wide range of applications.

Vertex 130 is configured with the latest innovative Nexus 300 X-ray software and analysis tools, providing intuitive manual operation or automated inspection routines. Nexus 300 image processing offers Advanced Defect Enhancement, BGA Analysis, Area Analysis and Feature Masking software modules.



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The Vertex 130 performs standard routine or non-standard inspection routines and satisfies even the most demanding requirements.

VJ Technologies will also display its **IR-4 Pre-heater**, designed to work in conjunction with hand soldering and desoldering tools. The IR Preheaters were developed for manual Rework Preheaters or for use with equipment such as selective soldering systems for preheating boards to help eliminate board warping prior to rework with hot air tools, or compliment underpowered rework systems that do not have large area, effective bottom heating.

IR Preheaters feature robust, flexible board fixtures that are easy to adjust. Spring-loaded board clips allow thermal expansion without bending boards. Many PCB tooling options are available, including four-sided board support, bottom board support, and extended reach board clips to accommodate regularly shaped boards with ease.

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About VJ Technologies

VJ Technologies, Inc. manufactures production ready Rework and X-ray inspection solutions with many advanced capabilities. The company also provides custom Rework and X-ray solutions tailored to satisfy specific application requirements. The VJ Technologies Group is a worldwide leader in custom industrial X-ray inspection solutions.

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