

Backplane and Midplane Pin Inspection System

Old Way



New Way



PVI Systems designed the Scorpion™ Pin Inspection System in response to the growing concerns of costs associated with the debug and inspection for bent or broken pins in assembled backplanes and midplanes.

Using miniature optics and drive components mounted within a card that is mechanically compatible with a system card, the Scorpion Pin Inspection System can scan the back or mid plane of a system rack, using only the width of one slot. This means no more removing all the cards, or partial disassembly of the rack to perform an inspection.

The Scorpion software, which is user configurable, drives the scanning process while also performing the evaluation and data logging. The software will obtain the coordinates of bent or missing pins, capture the image, and display the findings in a result panel. Following the inspection, you can use the results data to quickly go to the stored or live image of the failed pins.

Portable for Field Service Use

Production Systems Available

Dramatically Increase Inspection Repeatability and accuracy

Image Capture and Traceability



Contact PVI Systems or your local PVI Systems Representative to learn more.



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