

PC Contract Manufacturer Increases Overall Throughput and Reduces Test Time by 50%

Customer

PC Contract Manufacturer

Industry

Information Technology

Location

Mexico

Application

Hipot & Ground Bond

Product Used

**Guardian 6000 Plus Electrical Safety
Analyzer**

The Challenge:

The contract manufacturer was using two manually operated test instruments to perform hipot and ground bond resulting in two connections to the DUT, creating a four step process, and a total test time of 3 seconds. In addition to this, test results were hand written.

The Solution:

The customer chose the Guardian 6000 Plus Electrical Safety Analyzer with Twin-Port™ Technology, barcode scanners and software. The Guardian 6000 Plus' Twin-Port™ Technology allowed the customer to achieve dramatic time savings and increased throughput by performing hipot and ground bond simultaneously. What's more, with the software the customer achieved fully automated data acquisition and eliminated the possibility of human error.

Summary & Metrics:

- Increased overall throughput by 30%
- Reduced test time by 50%
- Decreased the number of test process steps from 4 to 2
- Decreased the number of test procedures from 2 to 1
- Decreased the number of test instruments from 2 manual to 1 automated

Benefits:

The PC Contract Manufacturer achieved ROI in just 10 weeks.