Case Studies:
Nitrogen for Wave Solder Processes—Cost of Ownership

Case Study 1: Newbridge Networks Corporation
Kanata, Ontario, Canada

- Exceeded Goal of 42% Total Quality Improvement
- Dramatic Defect Reduction
- Lower Cost of Ownership

Newbridge Networks Corporation

Lead configuration per assembly group

Wave solder defect reductions

Average number of boards per assembly group—300
Inspection criteria—10% of assembly group
Case Study 2: Matrox Corporation
Dorval, Quebec, Canada

- Rework Costs Reduced
- Reallocation of Workforce
- Improved First Pass Yields
- Defect Reduction
- Solder and Dross Reduction Equals Materials Cost Savings

For More Information

For additional information about our electronics packaging, assembly and test industry offerings, please visit our website or contact our local office.

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