Mobile Computing Case Study

The Challenge

"Our warehouse system was out of control... receiving was very labor intensive, cycle counts were cumbersome, picking was manual with redundant recording of picking information, packing was manual with no auditing of what was picked versus what was being packed," says Jayson Sovsky. "Everything was written on paper and then keyed into the system after-the-fact. This provided numerous opportunities for error and made error resolution difficult since whatever was found to be incorrect occurred hours or days before". Sovsky was charged with the task of finding a solution to make the warehouse run more efficiently and reduce errors.

The Solution

After investigating several possible "canned" solutions, Jayson selected Quatred's QUICK® Approach to extend Rubycon's custom legacy applications to the mobile computing environment. "Quatred came out and custom tailored the mobile computer interface so our users are proactively directed through the processing of their duties. With the solution in place, everything is now processed online and in real-time," says Sovsky.

The Results

We eliminated the manual recording of material receipts, order picking, order packing and cycle count information and the redundant keying of the manually recorded data.

- Error resolution occurs at the point the information is processed... not hours or days later.
- Speed & accuracy of data has significantly improved.
- Visibility of material in real-time is available on mobile computers. It is no longer necessary to call someone or go to a workstation to find out where something is.

Jayson Sovsky has been an employee of Rubycon since April of 2000. His primary focus is Customer Support with additional responsibilities for information technology, building maintenance, accounting and warehousing.

Executive Summary

Company Name	Rubycon America Corporation
Nature of Business	Electronics Manufacturer
Solution Needed	• Automate manual data entry functions • Improve speed and accuracy of data entry • Improve real-time tracking of materials and order processing information • Provide online visibility to material status • Eliminate manual paper work • Provide means for warehouse personnel to be more self sufficient • Ability to read Data Matrix bar codes on product
Solutions Implemented	• 802.11a/b/g Wireless Network • Motorola MC70 rugged mobile computers • Zebra S4M Bar Code Label Printers