Case Study Snapshots

Flow Control System for Census 2006. A real time barcode tracking system over an 802.11 (WiFi) wireless infrastructure across seven levels of the Data Processing Centre in Melbourne, to track the nine million census forms. Incorporating a Denso BHT303BW barcode scanner, scanner program using ASP's middleware RFolution!™, custom designed labels, four custom developed PC applications - Label Printing, Configuration, Enquiry & Reporting, and Receipt & Registration and high level security with data replication using Microsoft® SQL server.
http://www.asp.com.au/pdf/other/case_abs.pdf

Millions of seedlings are tracked in real time by a custom application written in ASP's middleware RFolution!™. Allowing freedom to move across a large outdoor area using ergonomic Denso BHT7500W scanners which allow all day scanning. As the organisation has grown, there has been a need to continually expand and improve the application, including – moving seed tins, storing seed containers and shelf stocktaking. Application development is fast and efficient using RFolution!

A barcode tracking system to control and monitor coin collection and coin box handling for all parking meters in the City of Melbourne. ASP delivered rugged portable Denso BHT302B barcode scanners with a custom written program for field coin collectors, durable meter and coin box labels, rugged fixed scanners for the counting depot and PC programs for reporting and analysis, with full system documentation.

An Australian first with converging technologies of Pocket PC, Denso GT10 barcode scanner and library application software over a WiFi wireless infrastructure. ASPKey+ for Pocket PC ™ is the middleware which allows communication between the PDA and scanner via Bluetooth® wireless technology.
http://www.asp.com.au/pdf/other/case_holmesglen.pdf

Another very intelligent use of simple, cost effective technology. This solution uses a Denso BHT8048DB portable barcode scanner and a mobile phone communicating via Bluetooth® wireless technology. Once data is collected, it is transmitted over the GSM phone network via a Circuit Switched Data (CSD) connection back to a host computer. Data transmission is equivalent to the cost of a thirty second mobile phone call. Being able to 'pair' the phone and scanner by scanning a barcode displayed on the mobile phone screen is very convenient.
http://www.adamspest.com.au/What_Is_Pestweb.htm

John Holland wanted to integrate data capture with their existing custom written Materials Management System (MMS), a Lotus Notes application. ASP created all the necessary interface software to integrate two different scanners to MMS. The Denso BHT303BW works on their WiFi network via ASP's RFolution!™, while the Intermec CN3 scanner works real-time anywhere in Australia (subject to mobile telephone coverage) via GPRS. The CN3 scanners were used for standard MMS activities as well as GPS tracking of water pipe locations as they were laid. The scanners were controlled by ASP's custom written software which provided efficient access to the existing Lotus Notes application.

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