

# Case Study Snapshots



Flow Control System for Census 2006 and 2011. A real time barcode tracking system over an 802.11 (WiFi) wireless infrastructure across various levels of the Data Processing Centre in Melbourne, to track the millions of census forms. Incorporating a portable rugged barcode terminal, 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](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 portable laser terminals 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 barcode terminals 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, bluetooth enabled barcode scanners 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](http://www.asp.com.au/pdf/other/case_holmesglen.pdf)



Another very intelligent use of simple, cost effective technology. This solution uses a portable barcode terminal 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](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. Portable barcode terminals work on their WiFi network via ASP's [RFolution!™](#), while the Windows® Mobile® computer works real-time anywhere in Australia (subject to mobile telephone coverage) over the

WWAN Network. The mobile units 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.



## Our Innovation - Your Edge™

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