

## PROJECT 01

## CITY OF RYDE'S NEW ELECTRONIC WASTE AND RECYCLING BIN TAGGING AND WEIGHING SYSTEM

City of Ryde Council

City of Ryde is one of the first Councils to implement an electronic waste and recycling tagging and weighing system, incorporating electronic identification tags on the 90,000 bins serviced. This comprehensive and fully integrated tagging & weighing system is an 'Australian First' offering a high level of reliability for both side and rear-loading waste trucks. Advantages include:

- ability to track the total number of lifts and weight of each bin
- information transfer to base via an 'iburst' wireless link after scanning
- flexible service options
- generation of reports using triggers such as overweighted bins or observed contamination or incorrect placement
- use of the data obtained to check weighbridge figures and payments, assess recycling trends and develop future education campaigns

The new waste service immediately doubled the recycling rate to 44% of the total waste stream. In order to meet the 2014 N.S.W. State Government target of 66% the system will identify areas of contamination and provide a platform for future waste reduction campaigns.

