

# Customer case: SWT



## Garbage mountain reduction by IT

*Swedish Weight Technology AB offers comprehensive and complete hard- and software systems for waste- and recyclingmanagement, Mine Security and customized RFID solutions. Mine Secure System consists of hardware-, software-, communication- and RFID techniques. Common characteristics for SWT's systems are accurate identification, exact logistics and precise weight information combined with GPS or GIS positioning.*

### **Making the polluter pay**

The reduction and elimination of waste is essential to maintain the quality of the Earth's environment and achieve global sustainable development. Some efforts are made to reduce the solid wastes by changing the way in which products are manufactured. Another, and most likely better approach, is to prevent waste by not producing products which we can do without. Source reduction arises if consumption is lessened and the optimal way to get people to reduce their production of garbage is having them pay for it. By doing so, both the nature and people are winners. SWT's collection system makes it possible for communities to charge the citizens in proportion to the garbage weight they put into their dustbins. When a fair invoicing can be made, people are more eager to reduce their garbage amount and to recycle more refuse.

### **Elegant solution from SWT**

The collection system handles weighing of individual dustbins, automatic reporting and enables clients to optimize logistics and route planning. Precision scales allow for 99.9 % accuracy and readability, making sure that the hauler get paid exactly for a job done. Statistics can be provided and processed into advanced reports. SWT uses JLT PC:s in their systems for weighing the content in dustbins. The scales combined with bin identification based on RFID technology are connected to JLT computers in the garbage trucks.



Model: JLT10021  
CPU: Intel Celeron M 1.0GHz  
512MB RAM, 60GB HD, Touch Screen

**JLT Mobile Computers AB** Isbjörnsvägen 3, SE-352 45 Växjö, SWEDEN  
Phone: +46 470 53 03 00 Fax: +46 470 445 29 Email: mailbox@jltmobile.com

