



# Uniwin 3.0 Waste Industry

Waste In  
SCOTTISH WATER  
WASTE SERVICES

Weight Station  
41960 kg

Entry Camera  
Exit Camera

IN Doc: SWipe Your Badge  
41960 kg  
Keyboard  
Badge 88 In  
Out / In

OUT Doc: SWipe Your Badge  
0 kg  
Keyboard  
Badge 85 In  
Out / In

ADMINISTRATOR Scottish Water, Deerdykes  
Johnstone Site

Action snap shot taken via remote support

This documentation describes the following project: **Scottish Water**

UniWin version 3.0 is in use at dozens of waste transfer stations, landfill site, and waste to energy facilities, so when asked to supply a unmanned green waste facility for Scottish Water Uniwin was the perfect software for the site requirements.

- Intake of Waste
- Outload of recycled products
- Control and Consolidation of remote sites to the head office
- Driver self weigh with remote control for centralised management
- Remote monitoring of site activities
- Site specific and consolidated multi site reports
- Correct Registration and Administration of all Waste-Transactions
- Synchronisation of the Waste-Administration with the Legal Waste Agency via XML-Messages

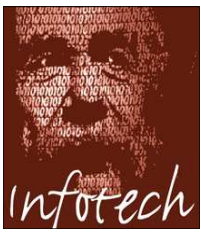
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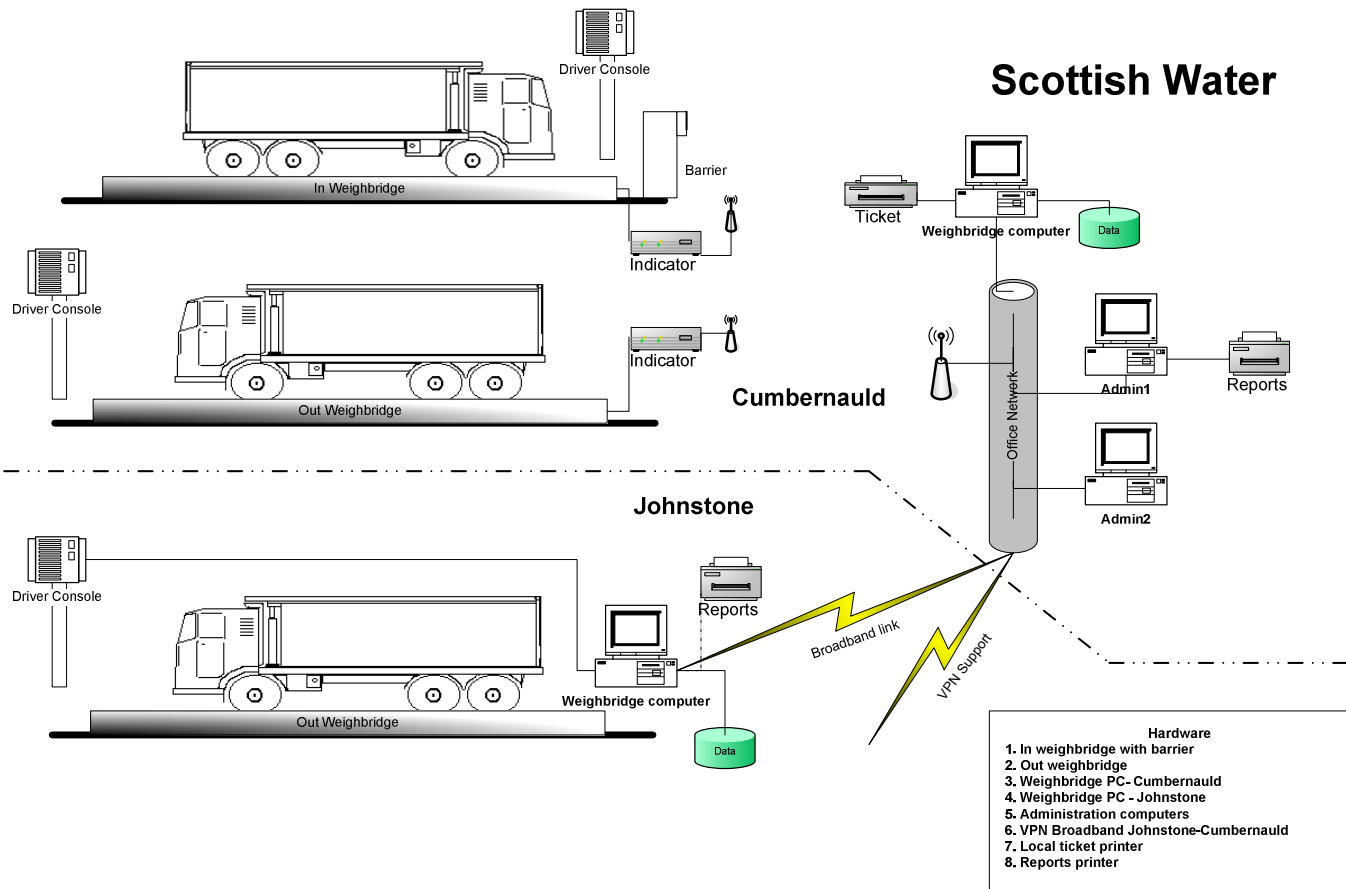
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## Description:

The drawing above shows the head office and a single remote site connected via a dynamic VPN tunnel, each site has one or two driver self weigh terminal, barriers on the exit of the weighbridge to control site access, IP cameras for remote monitoring and for the capture of images at the time of weighing. A wireless network links the site equipment to the main office and in the case of Johnston across the Internet back to a central control area.

The UniWin-application takes care of the following;

- Green waste coming into site, recycled product leaving site.
- Vehicle recognition via a proximity badge.
- Wireless communications between devices.
- Simple driver dialogue.
- Tally ticket printed at the terminal with a copy ticket generated at head office.
- Remote control and take over of site equipment ( e.g. raising of barriers, overriding driver entry)
- Pricing for the disposal and sales of recycled goods leaving.
- The UniWin application at the Main Office is equipped to synchronize the Waste-Administration with the Legal Waste Agency.
- With the use of an Internet link Email reports can be sent to suppliers and customers.
- Custom reports are be created and statistics reported.
- Export of Weighings to the ERP-invoicing-program.

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