



apse



20th November 2013

Introduction to Trackyou

- Private Ltd Company Formed in 2001
- Provider of Vehicle Tracking & Telematics Solutions
- Owned and Managed By Alex Rodda
- Based in Wrexham North Wales
- ISO 9001, CHAS, Investors In People, Green Dragon
- Full Service Provider
- Market Leader In Telematics
- Award Winning Technology
- Leader In Innovative Developments
- Specialist In Public Sector Solutions





Glasgow City Council

- Land & Environmental Services (LES), identified a need to improve customer service for cleansing activities by collecting relevant and accurate data. After a detailed tender process Trackyou were chosen to supply this in July 2011.
- Using Trackyou's Waste & Recycling Solution, LES were able to identify why a bin has not been uplifted.
- Since Implementing Trackyou LES have established an Excess Waste Policy based on the information collected using Trackyou. Where multiple instances, (3) of Excess Waste are recorded at the same location the information is passed onto to the relevant team to investigate.
- During the 2014 Commonwealth Games there will be no disruption to services provided by LES. LES will be looking to utilise the capabilities of Trackyou further, to deal with any disruptions they may encounter, such as road closures and traffic congestion.



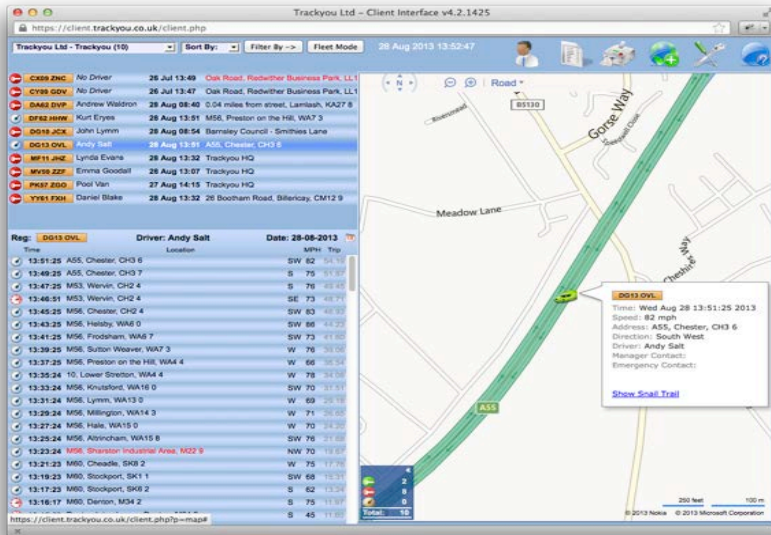
assetTrack

Fleet Management System

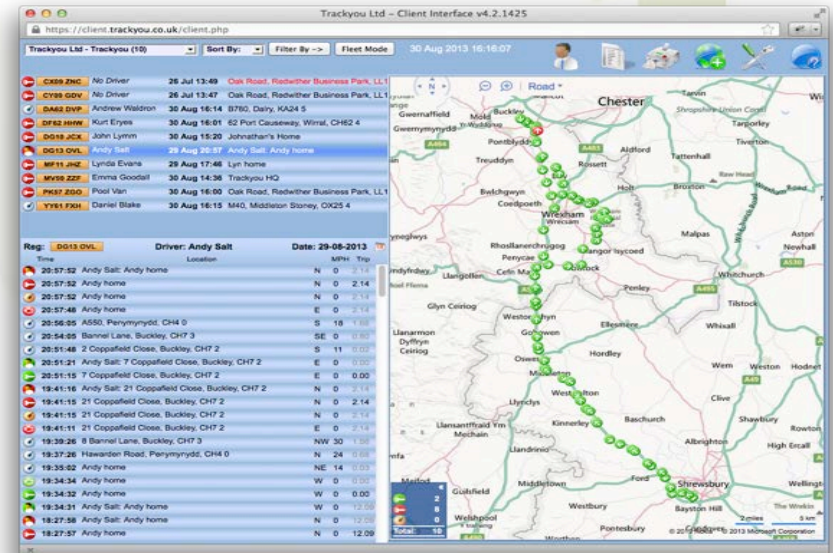


Trackyou System

- Live Tracking 24/7
- Internet Based Software
- Easy To Use Interface
- Multiple Features
- Location & Time Stamped Events



- Vehicle Snail Trails
- Driver Behaviour Reports
- Sites & Geofences
- Route Planner & Activity Search
- Live Alerts
- Full Reporting Suite



Waste & Recycling Solution



Waste & Recycling Solution



- Trackyou's WRU is installed onto vehicles & linked directly to our tracking unit.
- Client selects a range of events they would like to monitor via the F Key options.





Waste & Recycling Solution


 No black or green bin

 Wrong bin


 Wrong items in bin

 Unable to empty black bin

 Blocked access for assisted collection

 Blocked access for whole street


 Recycling - No box or sack

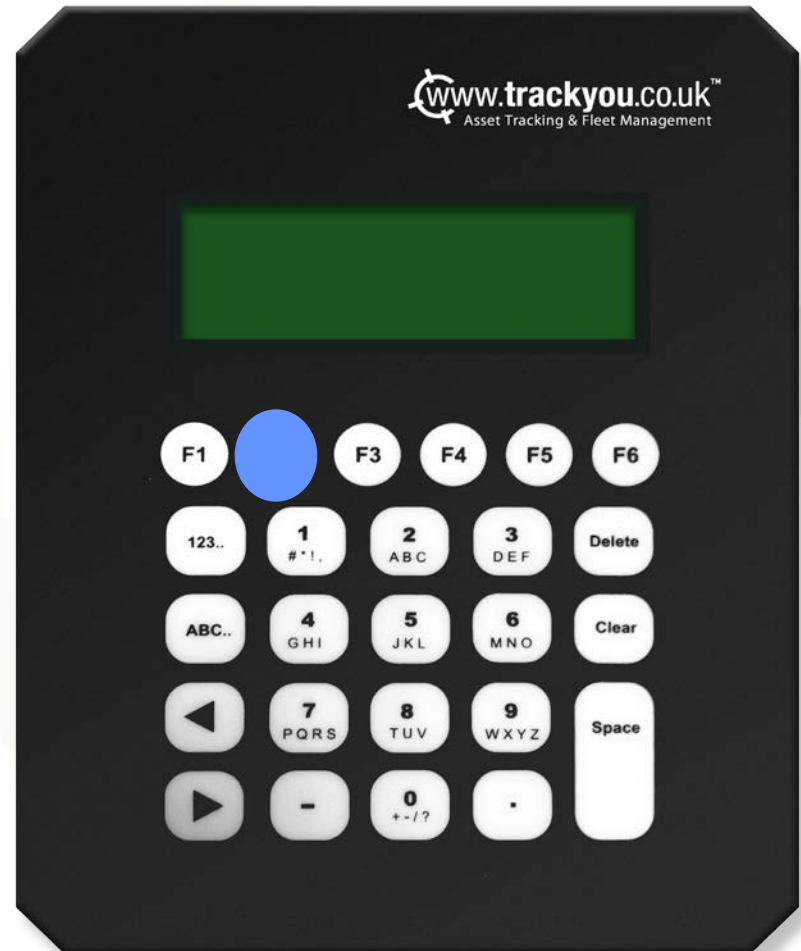
 Recycling - Extra box delivered

 Recycling - Wrong items in box or sack

 Recycling - Fouling

 Recycling - Blocked access for assisted collection

 Recycling - Low participation in whole street



Waste & Recycling Solution

- Information from the WRU is displayed in real time on the main user interface.
- A detailed report is provided which includes all event types ordered by type, vehicle and location.
- Glasgow City Council have developed the system further to include route information.

Reg:	CY09 GDV	Driver:	Jim Fartherton	Date:	12-05-2011
Time		Location		KMH	Trip
10:51:56	48 A5152, Wrexham LL13 7			S 0	4.23
10:51:35	50 A5152, Wrexham LL13 7			S 0	4.19
10:50:56	60 A5152, Wrexham LL13 7			S 0	4.19
10:49:56	Bradley Rd, Wrexham LL13 7			S 17	3.84
10:48:56	51 Bradley Rd, Wrexham LL13 7			S 0	3.80
10:47:56	45 A5152, Wrexham LL13 7			SW 0	3.75
10:46:56	25 A5152, Wrexham LL13 7			SW 8	3.71
10:46:56	25 A5152, Wrexham LL13 7			SW 0	3.71
10:46:44	4 Cobden Rd, Wrexham LL13 7			E 3	3.67
10:45:54	20 Cobden Rd, Wrexham LL13 7			E 0	3.67
10:45:44	10 Cobden Rd, Wrexham LL13 7			E 0	3.67
10:44:58	15 Cobden Rd, Wrexham LL13 7			E 0	3.67
10:44:44	14 Cobden Rd, Wrexham LL13 7			E 0	3.67
10:43:44	16 Cobden Rd, Wrexham LL13 7			W 0	3.67
10:42:44	10 Cobden Rd, Wrexham LL13 7			W 3	3.63
10:41:44	26 A5152, Wrexham LL13 7			NE 14	3.59

Waste & Recycling Solution

Activity Search

Toggle Panel Zoom to Activity

Search Results

Event Filter Select: All None

- Timed Update (89)
- Ignition On (2)
- Ignition Off (1)
- Driver Login (1)
- Driver Logout (1)
- Started Moving (5)
- Stopped Moving (4)
- No black or green bin out (3)

Asset Filter Select: All None

Visible	Type	Asset ID	Events
<input checked="" type="checkbox"/>		CX09 ZND	13
<input checked="" type="checkbox"/>		MF11 JHZ	1
<input checked="" type="checkbox"/>		MV59 ZZF	22
<input checked="" type="checkbox"/>		PK57 ZGO	13
<input type="checkbox"/>		CY09 GDV	1
<input type="checkbox"/>		CX09 ZNC	13

N

Road

CX09 ZNC

Event: No black or green bin out
 Driver: John Smith
 Speed: 0mph
 Date: 09/11/2011 09:29:03
 Address: 1 High Street

1000 feet 500 m

© 2011 Microsoft Corporation © 2010 NAVTEQ

geoFlagTM

Geolocation Based Alerting System



The Technology - Geo-location based alerting



This technology allows us to give the user an alert based on their geographical location

TR507 – In Cab



The Driver Selects
Operational Task

TR507 – In Cab



Once the mode has been selected the driver can choose the round he wishes to drive

TR507 – In Cab



The 4 closest pickups to the vehicle's current location will be displayed in the list

TR507 – In Cab



As collections are made they are selected from the list and marked as collected or missed

TR507 – In Cab



The next time the round is driven each collection will display the last time it was collected

Geoflag - Interface

The screenshot displays the 'Trackyou Geoflag Collection Manager' application window. The title bar reads 'Trackyou Geoflag Collection Manager'. The browser address bar shows 'Trackyou Geoflag Collection Ma...'. The application has a navigation menu with tabs: 'Terminals', 'Account Management', 'Round Management', 'Collection Management' (selected), and 'Collection Assignment'.

Under 'Collection Management', there is a text box: 'From this tab you can create collection points. Collections can be added by first searching for a postcode and then dragging the point on the map to indicate the collections location. After a description is added the collection will appear in the selected round.'

Below this is a dropdown menu set to 'Unallocated'. To the right, there is a 'Postcode:' label, a search input field containing 'SEARCH...', and a 'Find' button.

The main area features a map of the United Kingdom with various cities and regions labeled, including Glasgow, Edinburgh, London, Manchester, and Birmingham. A large 'UNITED KINGDOM' watermark is overlaid on the map. Navigation controls like a compass and zoom are visible at the top of the map.

On the left side, there is a list of collection points under the heading 'Collection'. The list includes:

- 88 ASH ROAD NORTH
- CAR PARK ASH ROAD SOUTH
- COLLECTION02
- TRACKYOU ASH ROAD SOUTH
- TRACKYOU LTD ASH ROAD SOUTH
- TRACKYOU LTD ASH ROAD SOUTH
- TRACKYOU2
- UNIT 5 ASH ROAD SOUTH
- UNIT 6 ASH ROAD SOUTH
- UNIT 6 ASH ROAD SOUTH
- UNIT 6 ASH ROAD SOUTH
- UNIT 6 ASH ROAD SOUTH
- UNIT 66 ASH ROAD SOUTH

At the bottom of the list are 'Edit' and 'Delete' buttons.

Geoflag - Interface

The screenshot displays the 'Trackyou Geoflag Collection Manager' application window. The title bar reads 'Trackyou Geoflag Collection Manager'. Below the title bar, there is a navigation menu with tabs: 'Terminals', 'Account Management', 'Round Management', 'Collection Management', and 'Collection Assignment'. The 'Collection Assignment' tab is currently selected.

Below the navigation menu, there is a text box containing instructions: 'From this tab you can move collections between rounds. Collections cannot be moved or copied into unallocated, to make a collection unallocated use the remove button. Remove: Remove the selected collection from the round. Rounds cannot be removed from unallocated, to delete a round please use the collection management tab. Move arrows: Move selected collection to other round. Copy arrows: Copy the selected collection to other round.'

The main interface is divided into two columns. The left column is titled 'Unallocated' and contains a list of collection names: '88 ASH ROAD NORTH', 'CAR PARK ASH ROAD SOUTH', 'COLLECTION02', 'TRACKYOU ASH ROAD SOUTH', 'TRACKYOU LTD ASH ROAD SOUTH', 'TRACKYOU LTD ASH ROAD SOUTH', 'TRACKYOU2', 'UNIT 5 ASH ROAD SOUTH', 'UNIT 6 ASH ROAD SOUTH', 'UNIT 6 ASH ROAD SOUTH', 'UNIT 6 ASH ROAD SOUTH', 'UNIT 6 ASH ROAD SOUTH', and 'UNIT 66 ASH ROAD SOUTH'. The right column is titled 'Please Select a round' and currently shows 'No Results'.

Between the two columns, there are several buttons: 'Remove', '>', 'Move', '<', '>', 'Copy', and '<'. The 'Move' and 'Copy' buttons are centered between the '>' and '<' arrows.



**COLLECTION
MODE**

Geoflag - Features

Fully encrypted data sent live to and from the device

The creation and management of rounds through the existing Trackyou interface

Automatic synchronisation of collection rounds between the terminal and Trackyou system over the air

Enhanced reporting and data for collections

Future Integration with CRM Systems

geoFlagTM



Geolocation Based Alerting System



TR507 – In Cab



The route will appear with directions and gritting instructions displayed on-screen



apse



Any Questions?