

WASTE AND DATA TECHNOLOGY



Mobile Solution & Telematics with Integrated CCTV

Alexander Anderson (Service Manager – Waste Operations)

Shaun Kenyon (Team Manager – Domestic Waste)

Overview

- Every week over 185,000 properties receive a bin collection service, (4 x waste streams: Landfill, Cans & Plastics, Food & Garden Waste and Paper & Cardboard)
- 27 x 26t front line RCVs and 3 x 16.5t RCVs– Rural & Hard to Access
- Twin shift system (Day shift 06:00 – 13:42 & Back shift 13:18 – 21:00)
- Over 6000 Assisted Collections per week
- Whitespace – Back Office system to manage the domestic waste & All on Mobile to provide/receive information from the crews
- CMS Supatrak integrated camera system

Domestic Waste Mobile Solution



Shaun Kenyon (Team Manager – Domestic Waste)

Online Booking Via Fife.gov.uk

- 2014 – Current day more services have become available online throughout the council
- All of the Domestic Waste services/requests are now primarily booked through Fife.gov (<https://www.fife.gov.uk/kb/bins-and-recycling>)
- Contact Centre is still available for customers without internet access.

The Process Prior to All on Mobile

Customer books/pays for a service on line
(Fife.gov)



Information is processed and fed into Lagan



Lagan feeds this information into Whitespace



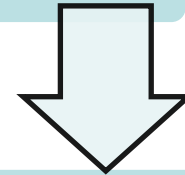
Whitespace prioritises the job and allocates the work
to the appropriate role (Supervisor, Recycling Advisor
etc)



Worksheets printed and handed to the crew that will
carryout the work

The Process Prior to All on Mobile

Crew completes the work, signs off the worksheet and hands it back to the Supervisor



Supervisor places the completed worksheet into the Business Support tray



Business Support uplift the closed worksheets and then close the worksheet in Whitespace (This maybe 2 or 3 days after the job was completed)

The Process With All on Mobile

Customer books/pays for a service on line (Fife.gov)



Information is processed and fed into Lagan



Lagan feeds this information into Whitespace



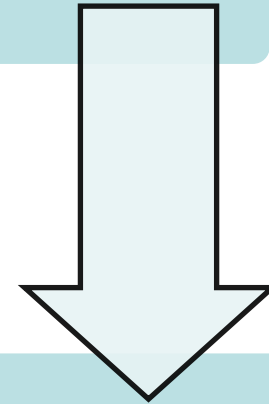
Whitespace prioritises the job and allocates the work to the appropriate role (Supervisor, Recycling Advisor etc)



The role allocates the (electronic) worksheets to the crew that will carryout the job

The Process With to All on Mobile

Crew completes the job, submits the electronic worksheet which is immediately updated in Whitespace.



Supervisor/Management provided with route/job progress

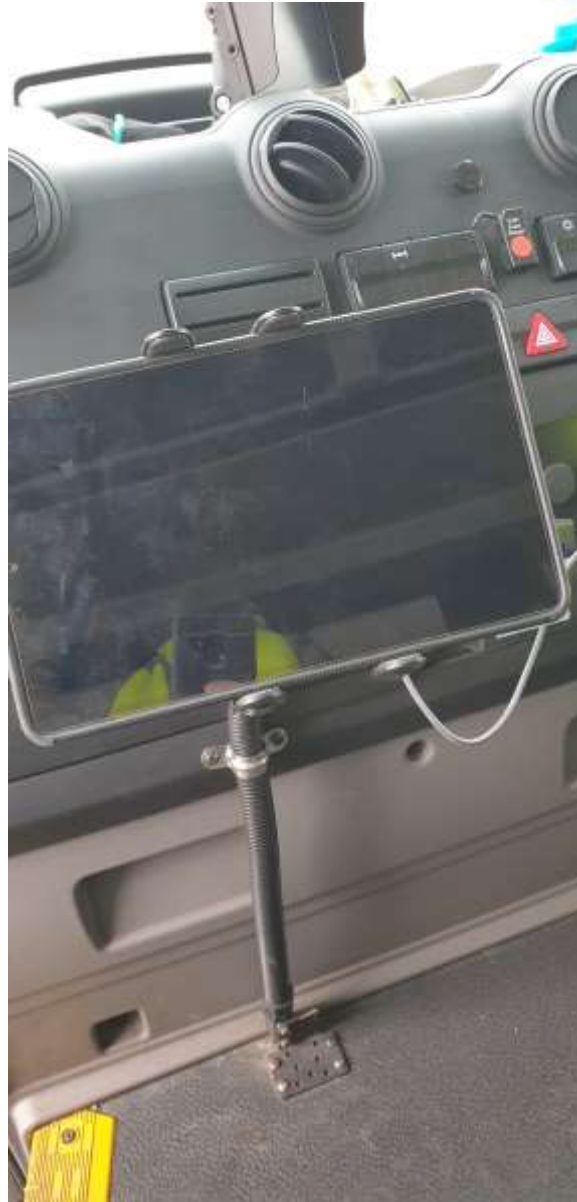


all on mobile

Outline

- The All On Mobile solution allows users to receive/complete forms and jobs on a mobile device.
- Provides up to date digital domestic round information:
 - Streets (Jobs) within a route (lists & maps), downloaded daily (02:00)
 - Single or multiple Crews can log into the same round
 - Assisted collections
 - Navigation function
 - Worksheets (adhoc jobs) (Bulky uplifts, missed bins, Assisted Collection assessments etc)
 - Provides an exemption function – Crew can report back (Contamination, no access etc)
 - Provides live route progress for Supervisors/Officers





Version 5.0.1.30



all on mobile

Username


pc126@fif.com

Password






Login




This system is for official use only by logging on you agree to the [terms and conditions](#).

Inbox: 62 Jobs 

[Cancel](#)


-  **Inbox**
-  **Create**
-  **Outbox**
-  **Settings**
-  **Log Out**





W330043: Bulky Collection Request (RCV) 2, ROSSNESS DRIVE, KINGHORN, BURNTISLAND, FIFE KY3 9SE	New >
W329475: Bulky Collection Request (RCV) 65, FERGUSON PLACE, BURNTISLAND, BURNTISLAND, FIFE KY3 9ES	New >
W329440: Bulky Collection Request (RCV) 1, FERGUSON PLACE, BURNTISLAND, BURNTISLAND, FIFE KY3 9ES	New >
W329272: Bulky Collection Request (RCV) 30, COTBURN CRESCENT, BURNTISLAND, BURNTISLAND.	New >



all on mobile




Inbox: 62 Jobs

W329475: Bulky Collection Request (RCV)

Job
Attachments
Map View



Cancel

W330043: Bulky Collection Request (RCV)

2, ROSSNESS DRIVE, KINGHORN, BURNTISLAND, FIFE KY3 9SE

Drafts >

W329475: Bulky Collection Request (RCV)

65, FERGUSON PLACE, BURNTISLAND, BURNTISLAND, FIFE KY3 9ES

Drafts

W329440: Bulky Collection Request (RCV)

1, FERGUSON PLACE, BURNTISLAND, BURNTISLAND, FIFE KY3 9ES

New >

W329272: Bulky Collection Request (RCV)

30, COTBURN CRESCENT, BURNTISLAND, BURNTISLAND,

New >

Address

65, FERGUSON PLACE, BURNTISLAND, BURNTISLAND, FIFE KY3 9ES

Service

Bulky Collection Request (RCV)

Notifications

Notes~

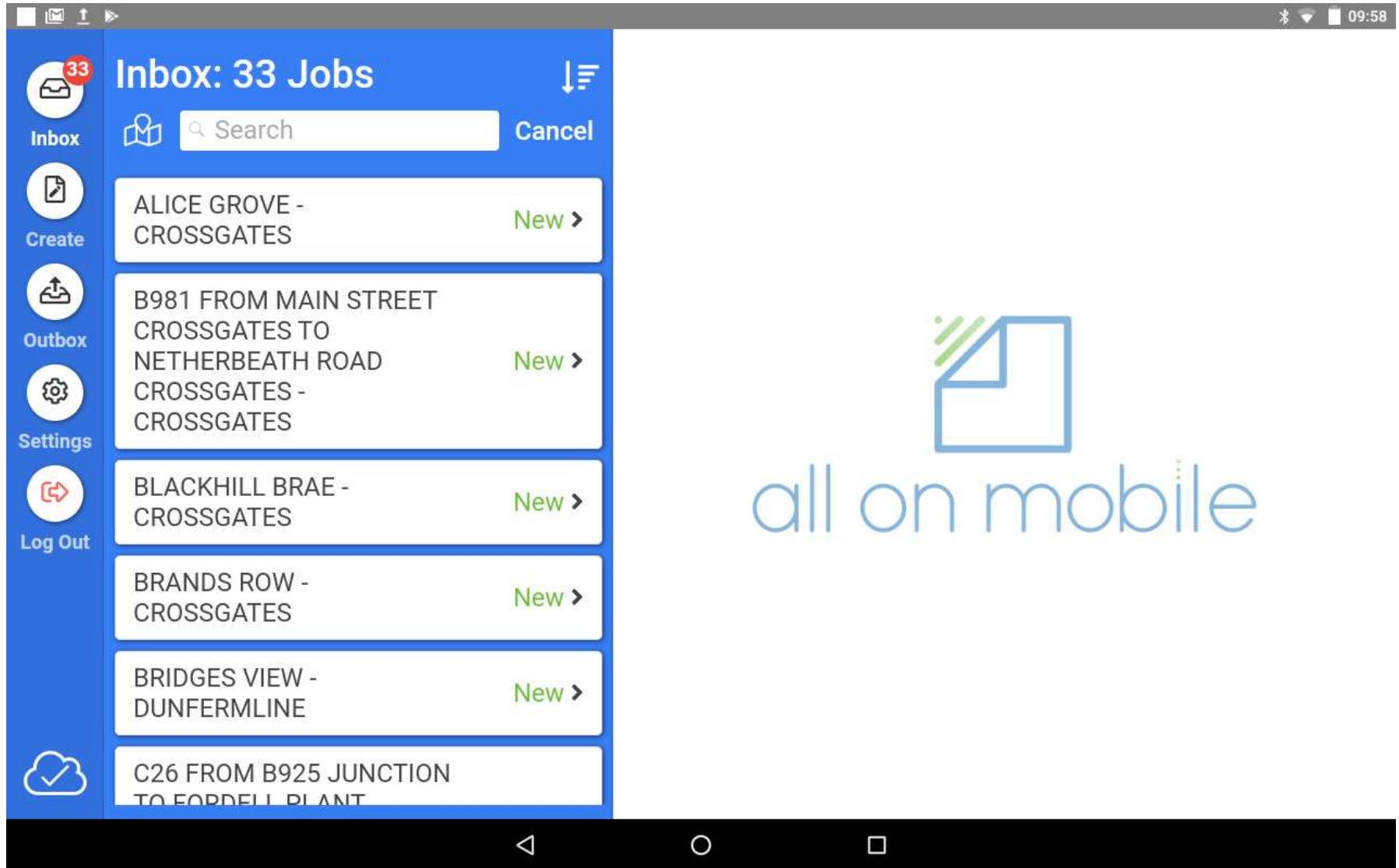
Notes

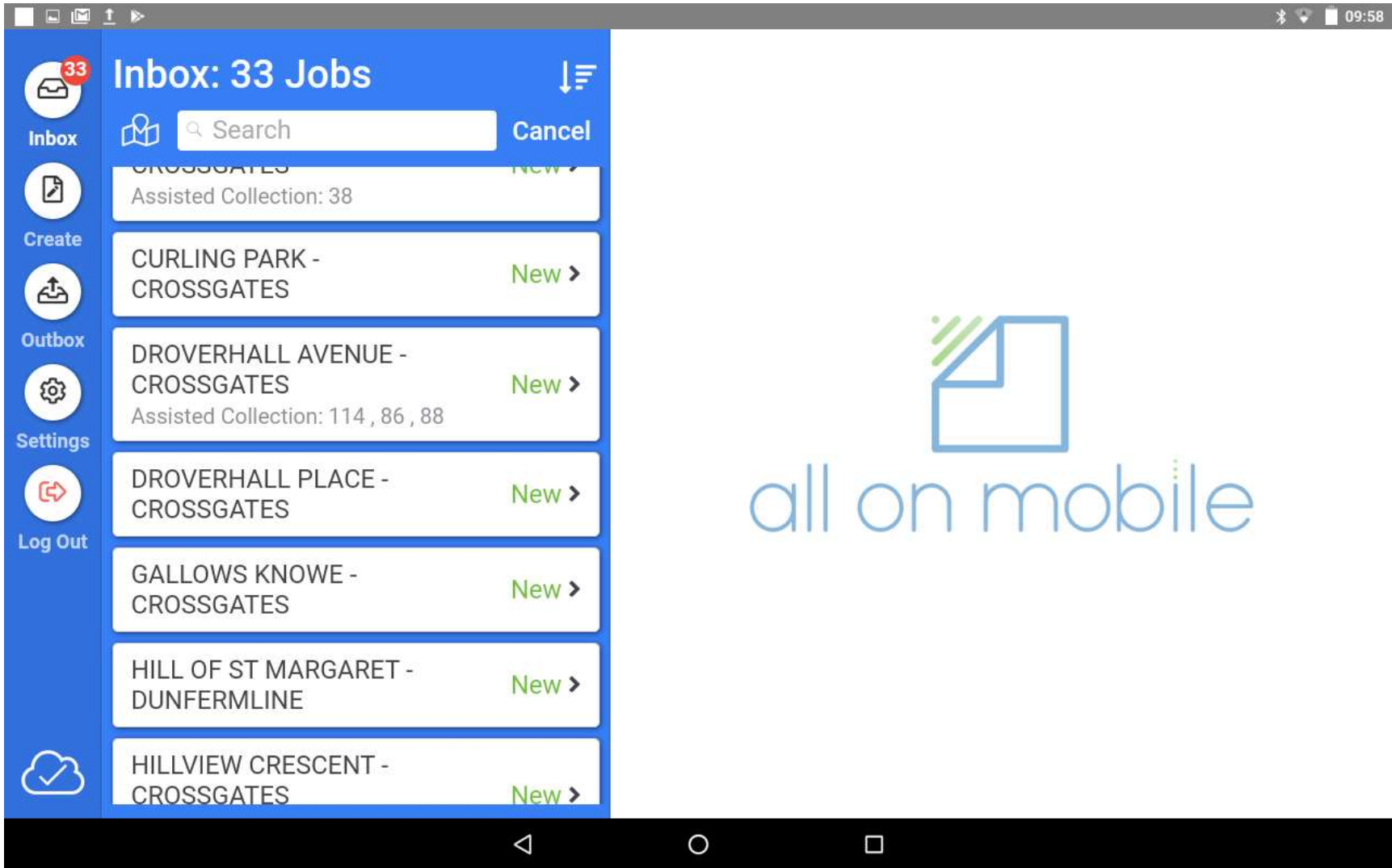
Item

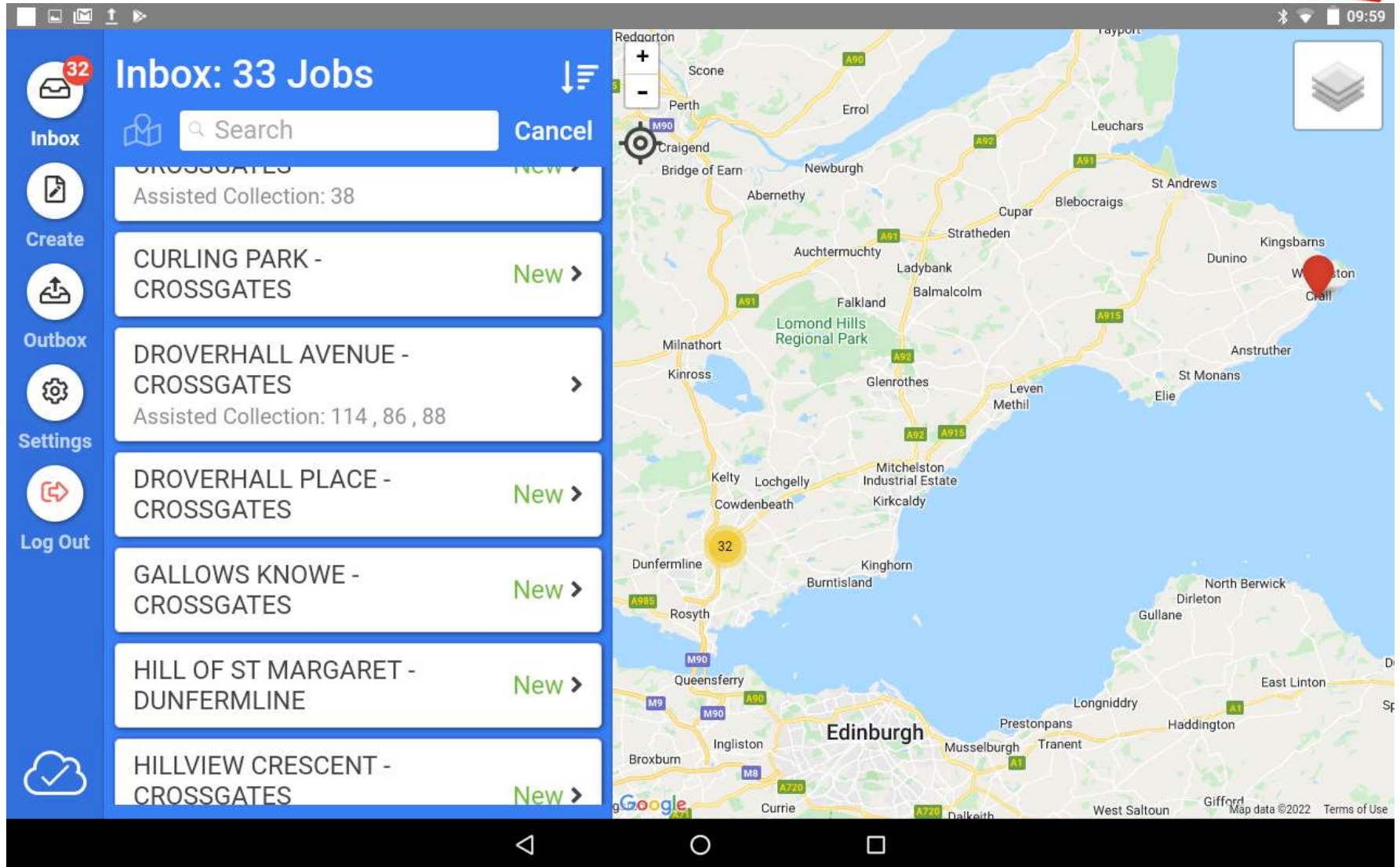
2 x Couch - Non-Recliner or Corner Couch >

Quantity

Item



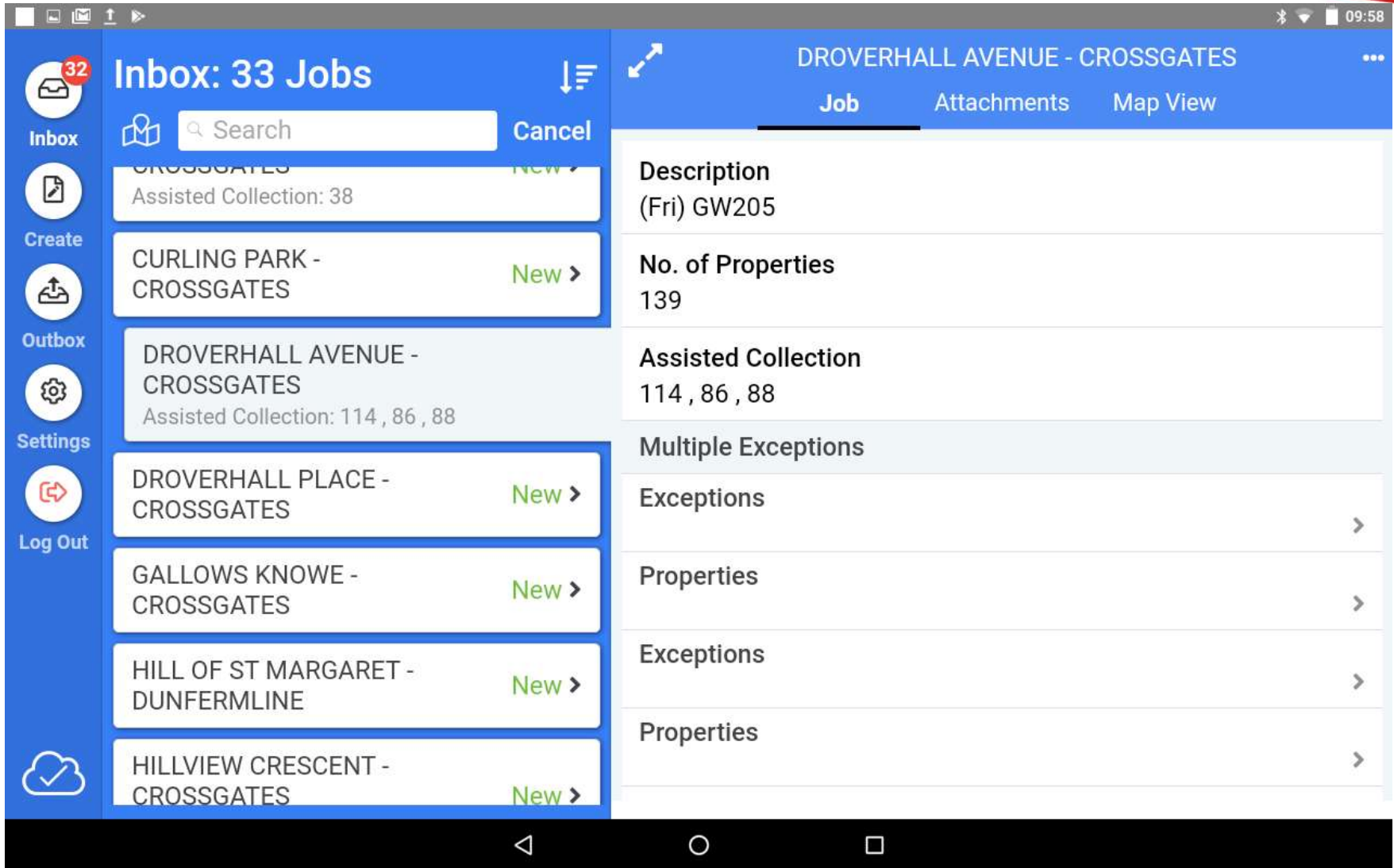




The screenshot displays a mobile application interface. On the left is a blue sidebar with navigation icons and labels: 'Inbox' (with a red badge '32'), 'Create', 'Outbox', 'Settings', and 'Log Out'. The main area is titled 'Inbox: 33 Jobs' and features a search bar and a list of job entries. The job list includes:

- CROSSGATES - Assisted Collection: 38
- CURLING PARK - CROSSGATES - New >
- DROVERHALL AVENUE - CROSSGATES - >
- DROVERHALL PLACE - CROSSGATES - New >
- GALLOWS KNOWE - CROSSGATES - New >
- HILL OF ST MARGARET - DUNFERMLINE - New >
- HILLVIEW CRESCENT - CROSSGATES - New >

The right side of the screen shows a Google Maps view of Fife, Scotland, with a red pin marking a location near Wiston Crail. The map includes labels for various towns and roads, and a yellow circle with the number '32' is visible near Dunfermline. The bottom of the screen shows standard Android navigation icons.



The screenshot displays a mobile application interface for job management. On the left is a navigation sidebar with icons for Inbox (32), Create, Outbox, Settings, and Log Out. The main area is split into two panes. The left pane shows a list of jobs, with 'DROVERHALL AVENUE - CROSSGATES' selected. The right pane shows the details for this job, including a description, number of properties, assisted collection numbers, and options for exceptions and properties.

Inbox: 33 Jobs

DROVERHALL AVENUE - CROSSGATES

Job Attachments Map View

Description
(Fri) GW205

No. of Properties
139

Assisted Collection
114 , 86 , 88

Multiple Exceptions


Exceptions >

Properties >

Exceptions >

Properties >

Job Name	Assisted Collection	Status
CROSSGATES	38	New
CURLING PARK - CROSSGATES		New
DROVERHALL AVENUE - CROSSGATES	114 , 86 , 88	Selected
DROVERHALL PLACE - CROSSGATES		New
GALLOWS KNOWE - CROSSGATES		New
HILL OF ST MARGARET - DUNFERMLINE		New
HILLVIEW CRESCENT - CROSSGATES		New



09:59

Inbox: 33 Jobs

Inbox

Create

Outbox

Settings

Log Out

Search Cancel

CURLING KNOWE - CROSSGATES New >
Assisted Collection: 38

CURLING PARK - CROSSGATES New >

DROVERHALL AVENUE - CROSSGATES Drafts
Assisted Collection: 114 , 86 , 88

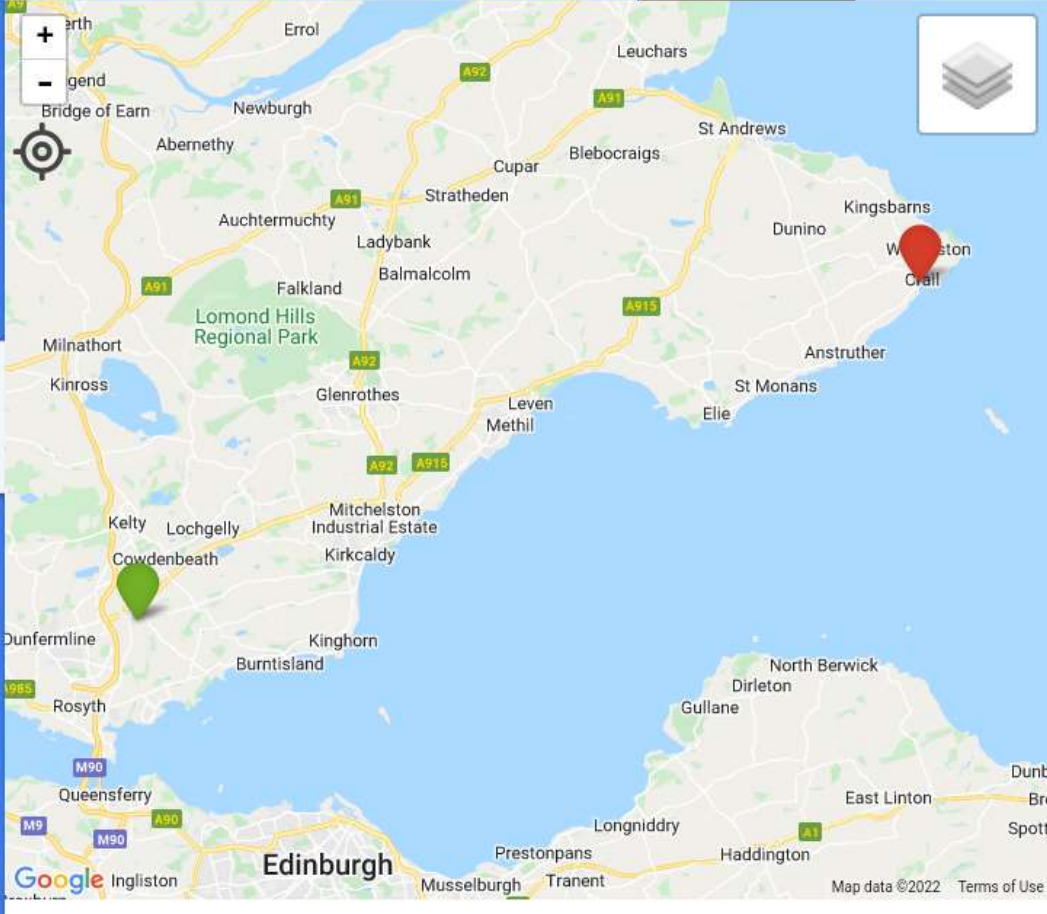
DROVERHALL PLACE - CROSSGATES New >

GALLOWS KNOWE - CROSSGATES New >

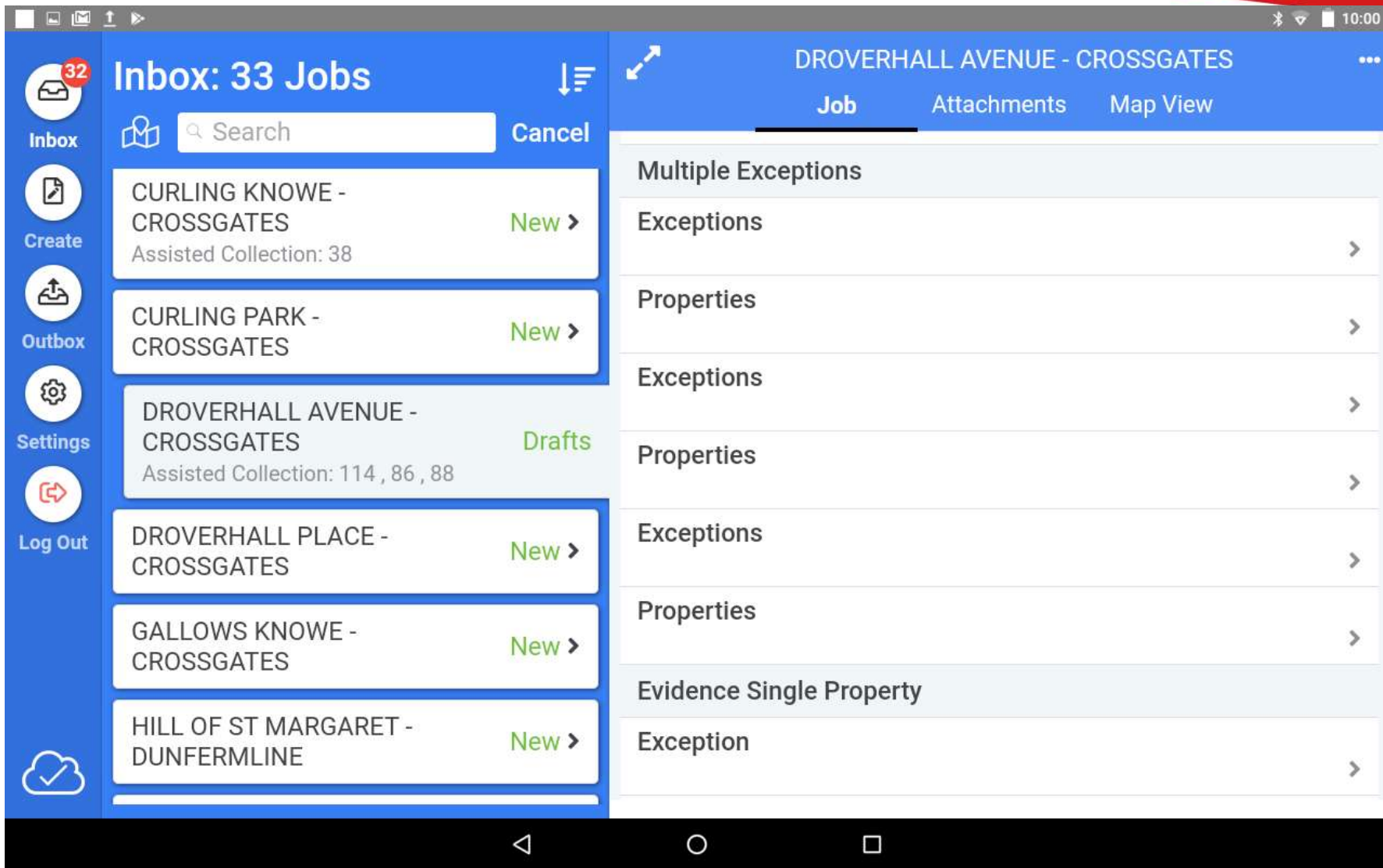
HILL OF ST MARGARET - DUNFERMLINE New >

DROVERHALL AVENUE - CROSSGATES

Job Attachments **Map View**



Google Map data ©2022 Terms of Use



Inbox: 32 Jobs

DROVERHALL AVENUE - CROSSGATES

Job Attachments Map View

Multiple Exceptions

Exceptions

Properties

Exceptions

Properties

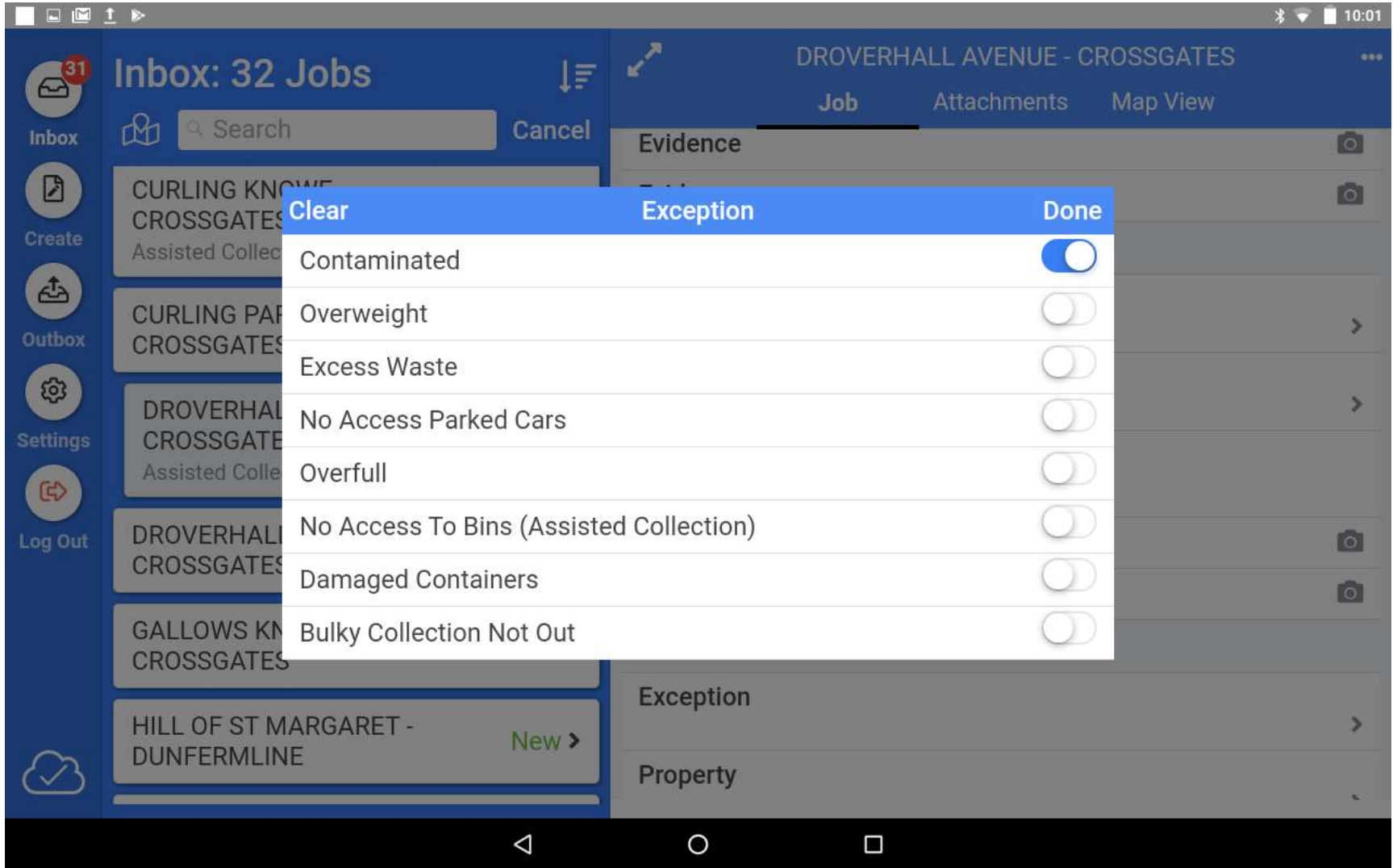
Exceptions

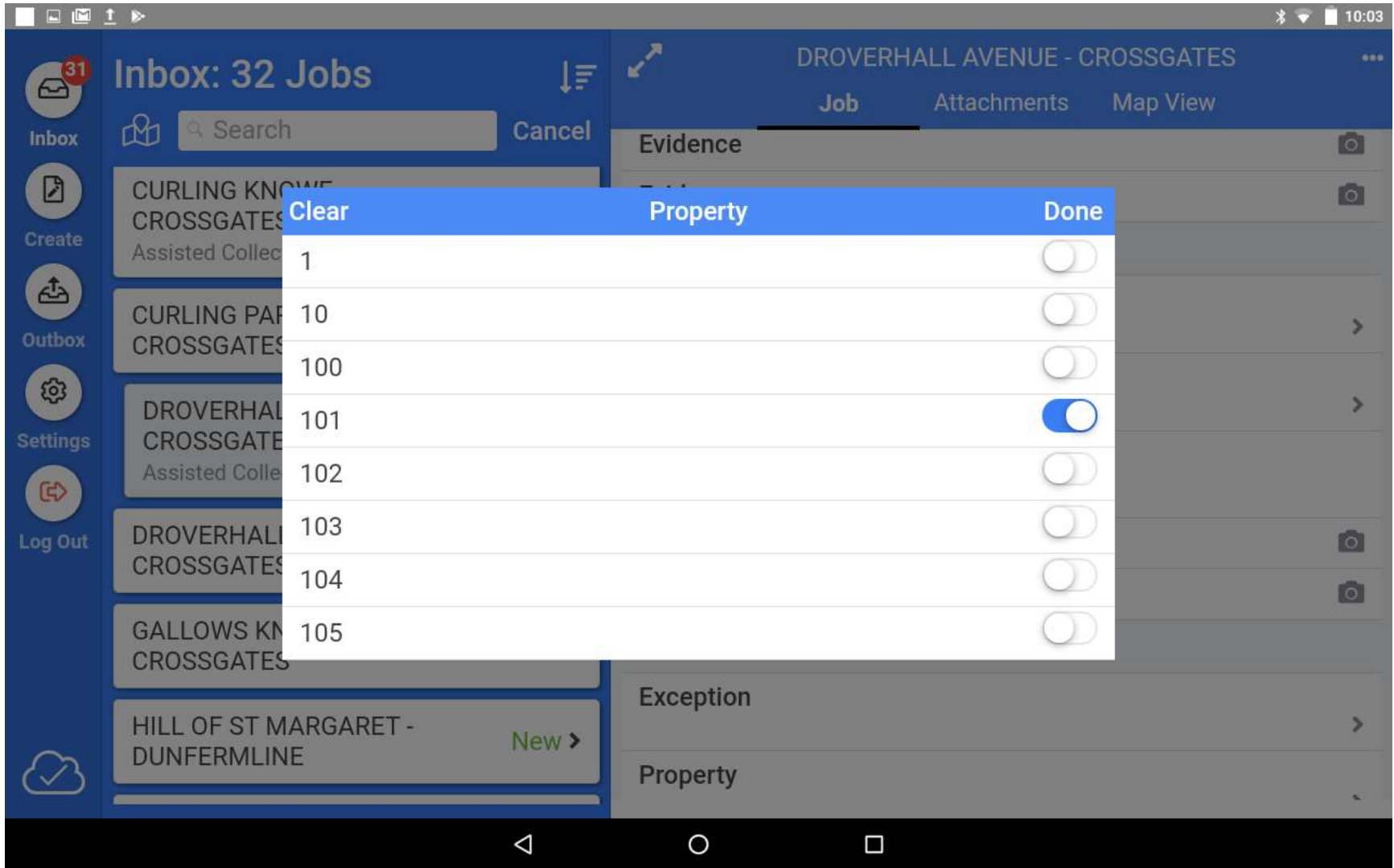
Properties

Evidence Single Property

Exception

Job Title	Status
CURLING KNOWE - CROSSGATES	New
CURLING PARK - CROSSGATES	New
DROVERHALL AVENUE - CROSSGATES	Drafts
DROVERHALL PLACE - CROSSGATES	New
GALLOWS KNOWE - CROSSGATES	New
HILL OF ST MARGARET - DUNFERMLINE	New





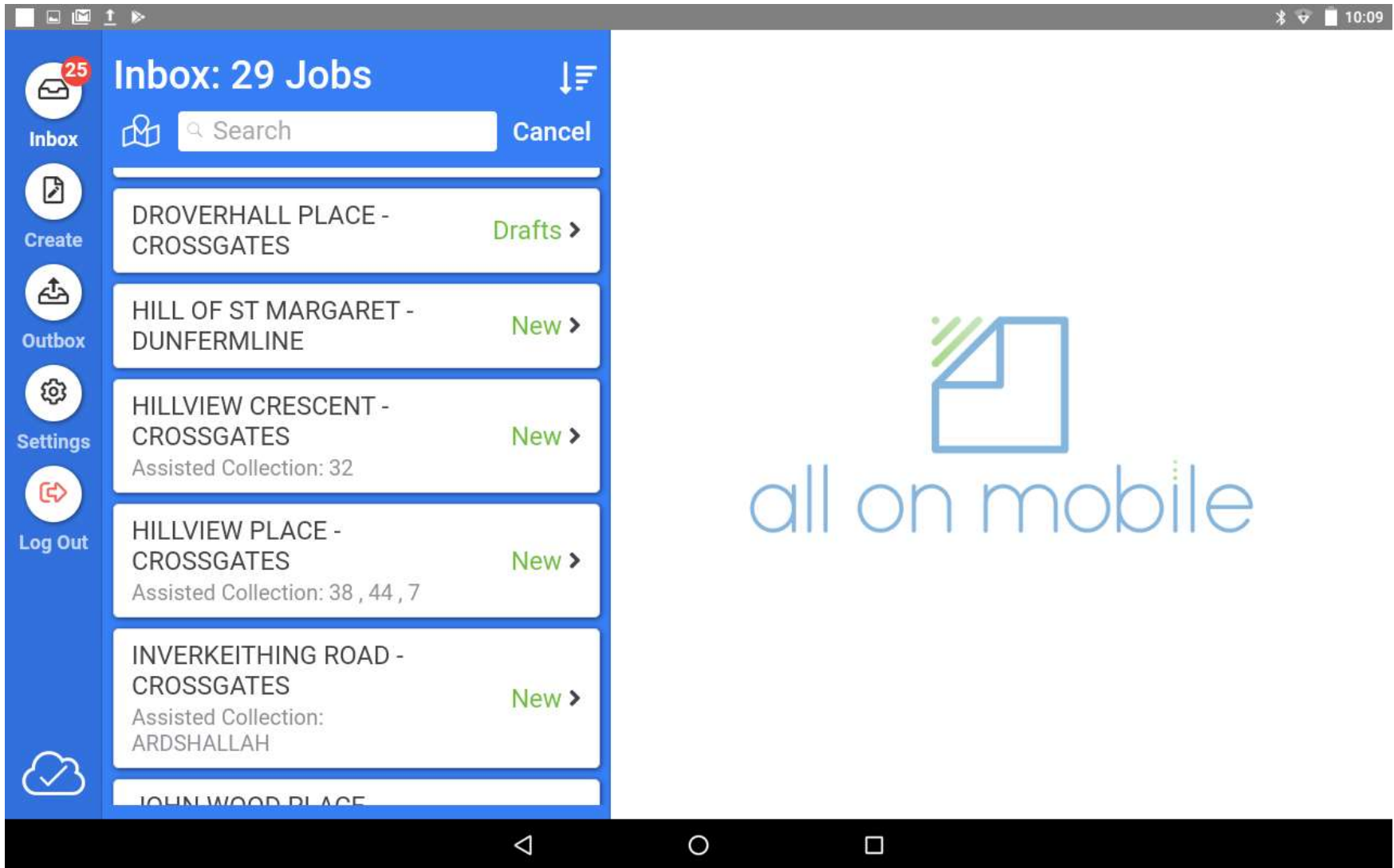
The screenshot shows a mobile application interface for job management. The top status bar displays the time as 10:04 and various system icons. The main interface is divided into a left sidebar and a main content area.

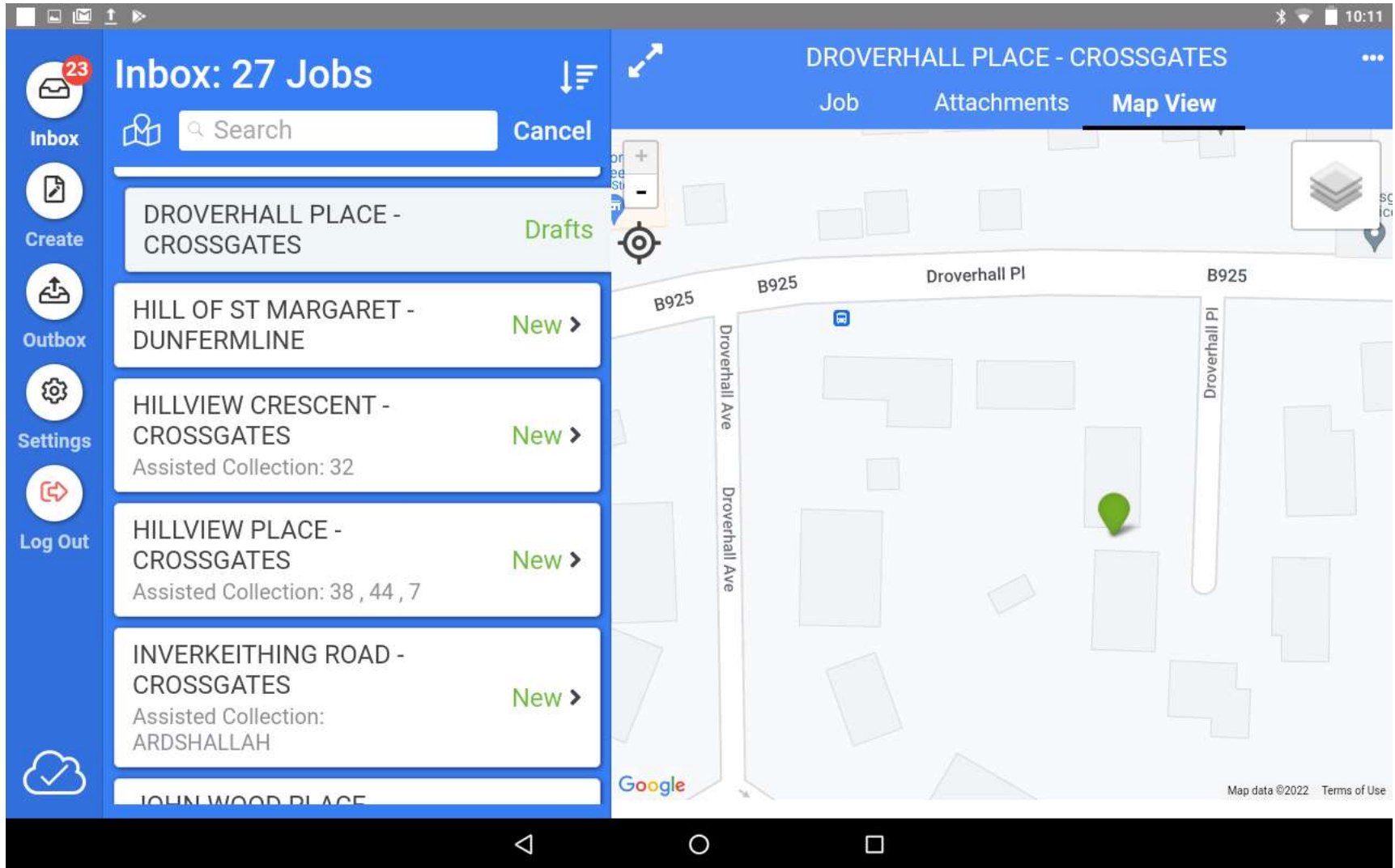
Left Sidebar:

- Inbox:** 31 jobs, 32 Jobs total. Includes a search bar and a 'Cancel' button.
- Create:** Curling Knowe - Crossgates (Assisted Collection: 38), New >
- Outbox:** Curling Park - Crossgates, New >
- Settings:** Drovershall Avenue - Crossgates (Assisted Collection: 114, 86, 88), Drafts
- Log Out:** Drovershall Place - Crossgates, New >
- Gallows Knowe - Crossgates, New >
- Hill of St Margaret - Dunfermline, New >

Main Content Area:

- Job Title:** DROVERHALL AVENUE - CROSSGATES
- Navigation:** Job, Attachments, Map View
- Comments:** Wood, Evidence (with camera icon), Evidence (with camera icon), Evidence Single Property, Exception >, Property >
- Additional Content:** Comments, Evidence (with camera icon), Evidence (with camera icon)
- Action:** Submit (red button)





Inbox: 27 Jobs

Job Attachments **Map View**

DROVERHALL PLACE - CROSSGATES Drafts

HILL OF ST MARGARET - DUNFERMLINE New >

HILLVIEW CRESCENT - CROSSGATES New >
Assisted Collection: 32

HILLVIEW PLACE - CROSSGATES New >
Assisted Collection: 38 , 44 , 7

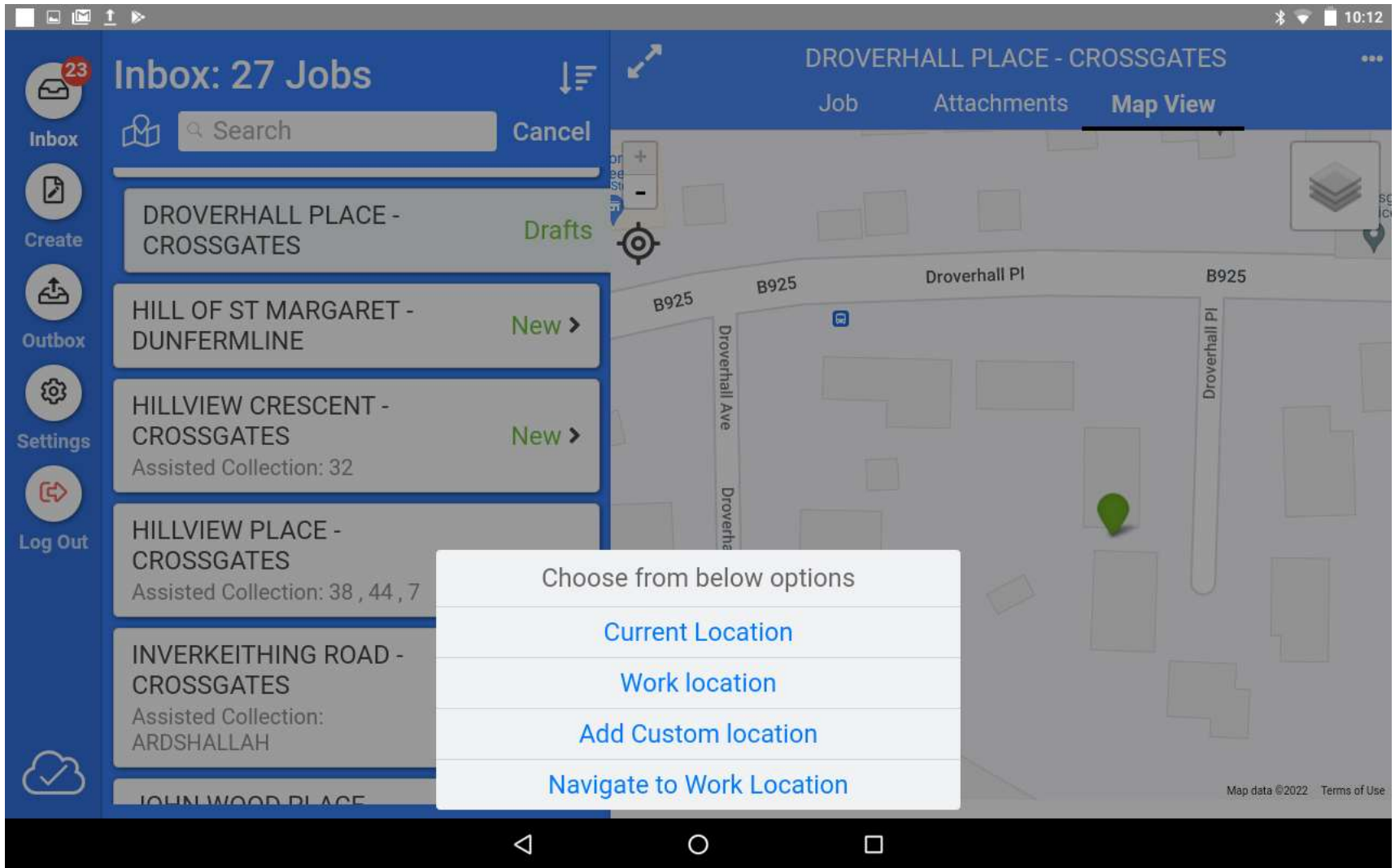
INVERKEITHING ROAD - CROSSGATES New >
Assisted Collection: ARDSHALLAH

JOHN WOOD PLACE

Droverhall Place - Crossgates

B925 Droverhall Ave Droverhall PI B925

Google Map data ©2022 Terms of Use



The screenshot displays a mobile application interface for job management. On the left, a navigation sidebar includes 'Inbox' (23 jobs), 'Create', 'Outbox', 'Settings', and 'Log Out'. The main area shows a list of jobs under the heading 'Inbox: 27 Jobs'. The selected job is 'DROVERHALL PLACE - CROSSGATES', which is in 'Drafts' status. Below it are other jobs: 'HILL OF ST MARGARET - DUNFERMLINE' (New), 'HILLVIEW CRESCENT - CROSSGATES' (New), 'HILLVIEW PLACE - CROSSGATES' (Assisted Collection: 38, 44, 7), and 'INVERKEITHING ROAD - CROSSGATES' (Assisted Collection: ARDSHALLAH). The right side of the screen shows a map view of the selected job location, 'DROVERHALL PLACE - CROSSGATES'. The map displays streets like 'Droverhall Ave', 'Droverhall Pl', and 'B925'. A green location pin is visible on the map. A context menu is open over the map, offering the following options: 'Choose from below options', 'Current Location', 'Work location', 'Add Custom location', and 'Navigate to Work Location'. The top right of the screen shows the time as 10:12 and various status icons.

Your location
13 Droverhall Pl

1 hr 2 hrs 24 11 hr 3 hrs 20

Options

1 hr (36 mi)
Fastest route now due to traffic conditions

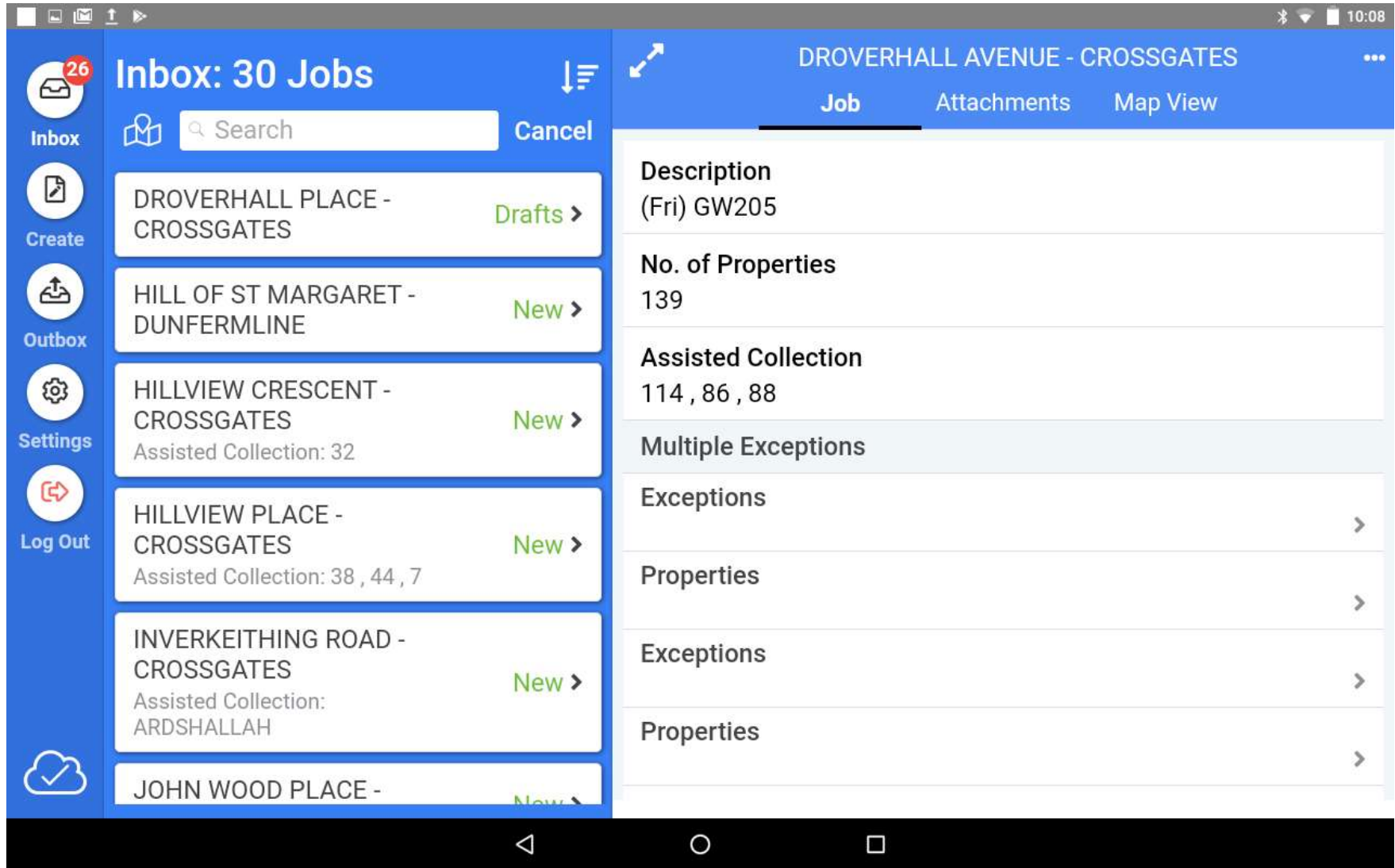
Traffic
! Roadworks on B942

Steps

- Your location
- Head north-west on Milne Gardens towards Kirkmay Rd
90 yd
- Turn right onto Kirkmay Rd

Start

Map labels: Perth, Errol, Leuchars, St Andrews, Kingsbarns, Dunino, Anstruther, St Monans, Elie, Methil, Leven, Stratheden, Cupar, Blebocraigs, Ladybank, Auchtermuchty, Milnathort, Kinross, Glenrothes, Mitchelston Industrial Estate, Kirkcaldy, Lochgelly, Cowdenbeath, Keltly, Kinghorn, Burntisland, North Berwick, Dirleton, Gullane, Rosyth, Ermline, Abernethy, Newburgh, Bridge of Earn, Craighend.



Inbox: 30 Jobs

Job | Attachments | Map View

DROVERHALL AVENUE - CROSSGATES

Description
(Fri) GW205

No. of Properties
139

Assisted Collection
114 , 86 , 88

Multiple Exceptions

Exceptions >

Properties >

Exceptions >

Properties >

Job List:

- DROVERHALL PLACE - CROSSGATES **Drafts** >
- HILL OF ST MARGARET - DUNFERMLINE **New** >
- HILLVIEW CRESCENT - CROSSGATES **New** >
Assisted Collection: 32
- HILLVIEW PLACE - CROSSGATES **New** >
Assisted Collection: 38 , 44 , 7
- INVERKEITHING ROAD - CROSSGATES **New** >
Assisted Collection: ARDSHALLAH
- JOHN WOOD PLACE - **New** >



Progress

Job Progress

This form is used to display job progress. Clicking a 'detail' line that has an exception recorded will display information on the exception(s) and a link to any properties

Map Icon Legend

- Scheduled/AdHoc Round Completed
- Scheduled/AdHoc Round Incomplete
- Scheduled/AdHoc Round Exception
- Ad Hoc(worksheet) Completed
- Ad Hoc(worksheet) Incomplete
- Ad Hoc(worksheet) Exception

28 February 2022

Properties on Board Completed

Exclude Ad Hoc

Board Progress Display		% of jobs completed	
BV1MON		<div style="width: 0%;"></div> 0 %	Status:
BV2MON		<div style="width: 0%;"></div> 0 %	Status:
BV3MON		<div style="width: 0%;"></div> 0 %	Status:
BV4MON		<div style="width: 0%;"></div> 0 %	Status:
BV5MON		<div style="width: 34%;"></div> 34 %	Status: STARTED
DR501		<div style="width: 37%;"></div> 37 %	Status: STARTED
DR506		<div style="width: 30%;"></div> 30 %	Status: STARTED
GW106		<div style="width: 92%;"></div> 92 %	Status: STARTED
GW121		<div style="width: 76%;"></div> 76 %	Status: STARTED
GW211		<div style="width: 44%;"></div> 44 %	Status: STARTED
GW221		<div style="width: 100%;"></div> 100 %	Status: COMPLETED
GW306		<div style="width: 86%;"></div> 86 %	Status: STARTED

Date: 28/02/2022 11:06:22

LF121	+	<div style="width: 45%;"><div style="width: 45%;"></div></div> 45 %	Status: STARTED
LF136	+	<div style="width: 40%;"><div style="width: 40%;"></div></div> 40 %	Status: STARTED
LF206	+	<div style="width: 45%;"><div style="width: 45%;"></div></div> 45 %	Status: STARTED
LF211	+	<div style="width: 43%;"><div style="width: 43%;"></div></div> 43 %	Status: STARTED
LF221	+	<div style="width: 40%;"><div style="width: 40%;"></div></div> 40 %	Status: STARTED
LF306	+	<div style="width: 31%;"><div style="width: 31%;"></div></div> 31 %	Status: STARTED
LF311	+	<div style="width: 40%;"><div style="width: 40%;"></div></div> 40 %	Status: STARTED
LF401	+	<div style="width: 49%;"><div style="width: 49%;"></div></div> 49 %	Status: STARTED
PC101	+	<div style="width: 17%;"><div style="width: 17%;"></div></div> 17 %	Status: STARTED
PC116	+	<div style="width: 45%;"><div style="width: 45%;"></div></div> 45 %	Status: STARTED
PC126	+	<div style="width: 55%;"><div style="width: 55%;"></div></div> 55 %	Status: STARTED
PC131	+	<div style="width: 38%;"><div style="width: 38%;"></div></div> 38 %	Status: STARTED
PC201	+	<div style="width: 50%;"><div style="width: 50%;"></div></div> 50 %	Status: STARTED
PC216	+	<div style="width: 50%;"><div style="width: 50%;"></div></div> 50 %	Status: STARTED
PC226	+	<div style="width: 34%;"><div style="width: 34%;"></div></div> 34 %	Status: STARTED
PC301	+	<div style="width: 49%;"><div style="width: 49%;"></div></div> 49 %	Status: STARTED
PC316	+	<div style="width: 35%;"><div style="width: 35%;"></div></div> 35 %	Status: STARTED



Status: **STARTED**

Status: **STARTED**

Status: **STARTED**

Seq	W/S Id	Job Type	Location	Properties	Time	Exceptions
1		STREET	ADAMSON PLACE - GLENROTHES	19	28/02/2022 07:54:30	
2		STREET	ALFORT PLACE - GLENROTHES	9	28/02/2022 08:05:19	
3		STREET	ALFORD DRIVE - GLENROTHES	36		
4		STREET	ALME COURT - GLENROTHES	27	28/02/2022 10:47:40	
5		STREET	ANDERSON PLACE - GLENROTHES	7	28/02/2022 07:54:36	
6		STREET	ARDROSS COURT - GLENROTHES	21		
7		STREET	ARDROSS PLACE - GLENROTHES	69		
8		STREET	BALFOUR GARDENS - GLENROTHES	53		
9		STREET	BALNAGOWAN DRIVE - GLENROTHES	89		
10		STREET	BEAULY COURT - GLENROTHES	6	28/02/2022 10:00:31	
11		STREET	BECKMAN STREET - GLENROTHES	3	28/02/2022 07:54:45	
12		STREET	BEVAN COURT - GLENROTHES	24	28/02/2022 10:27:56	
13		STREET	BILSLAND PATH - GLENROTHES	27	28/02/2022 07:54:49	
14		STREET	BILSLAND ROAD - GLENROTHES	148	28/02/2022 10:21:11	
15		STREET	BOVES PATH - GLENROTHES	10	28/02/2022 07:54:52	
16		STREET	BRAEMAR COURT - GLENROTHES	12		
17		STREET	BRAEMAR GARDENS - GLENROTHES	73		
18		STREET	BROOM ROAD - GLENROTHES	76		
19		STREET	CARNEGIE PLACE - GLENROTHES	29	28/02/2022 09:38:29	
20		STREET	CASKIEBERRAN DRIVE - GLENROTHES	6		
21		STREET	CASKIEBERRAN ROAD - GLENROTHES	14	28/02/2022 08:40:36	
22		STREET	CAWDOR DRIVE - GLENROTHES	69		
23		STREET	CLYDE COURT - GLENROTHES	33		
24		STREET	CORNAN PLACE - GLENROTHES	7	28/02/2022 08:32:49	
25		STREET	CROMARTY COURT - GLENROTHES	34		
26		STREET	DORNOCH PLACE - GLENROTHES	25	28/02/2022 08:43:46	
27		STREET	DUNVEGAN COURT - GLENROTHES	27		
28		STREET	DURNESSE COURT - GLENROTHES	28	28/02/2022 10:42:49	
29		STREET	DURRIS DRIVE - GLENROTHES	58		
30		STREET	ETIVE PLACE - GLENROTHES	16	28/02/2022 08:02:03	
31		STREET	FORTH COURT - GLENROTHES	18	28/02/2022 08:24:34	
32		STREET	HUNTLY DRIVE - GLENROTHES	82		
33		STREET	INVER PLACE - GLENROTHES	9	28/02/2022 08:53:00	
34		STREET	KEITH DRIVE - GLENROTHES	119		
35		STREET	LAKFORD ROAD - GLENROTHES	30	28/02/2022 10:26:27	
36		STREET	LOCH KATHINE GARDENS - GLENROTHES	37	28/02/2022 11:04:18	
37		STREET	LOCH VERNACHAN GARDENS - GLENROTHES	28	28/02/2022 10:55:38	
38		STREET	LORNE COURT - GLENROTHES	30		
39		STREET	MELFORD PLACE - GLENROTHES	4	28/02/2022 08:12:47	





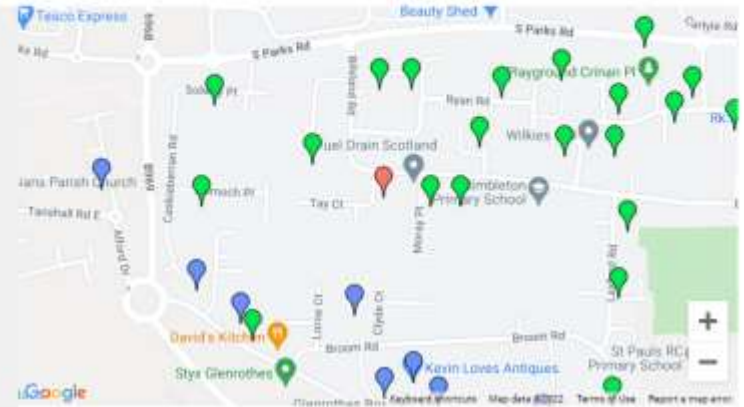
Status: **STARTED**

Status: **STARTED**

Status: **STARTED**

Seq	W/S Id	Job Type	Location	Properties	Time
1		STREET	ADAMSON PLACE - GLENROTHES	19	28/02/2022 07:54:30
2		STREET	ALFORT PLACE - GLENROTHES	9	28/02/2022 08:05:19
3		STREET	ALFORD DRIVE - GLENROTHES	36	
4		STREET	ALME COURT - GLENROTHES	27	28/02/2022 10:47:43
5		STREET	ANDERSON PLACE - GLENROTHES	7	28/02/2022 07:54:36
6		STREET	ARDROSS COURT - GLENROTHES	21	
7		STREET	ARDROSS PLACE - GLENROTHES	69	
8		STREET	BALFOUR GARDENS - GLENROTHES	53	
9		STREET	BALNAGOWAN DRIVE - GLENROTHES	89	
10		STREET	BEAULY COURT - GLENROTHES	6	28/02/2022 10:00:31
11		STREET	BECKMAN STREET - GLENROTHES	3	28/02/2022 07:54:45
12		STREET	BEVAN COURT - GLENROTHES	24	28/02/2022 10:27:56
13		STREET	BILSLAND PATH - GLENROTHES	27	28/02/2022 07:54:49
14		STREET	BILSLAND ROAD - GLENROTHES	148	28/02/2022 10:21:11
15		STREET	BOVES PATH - GLENROTHES	10	28/02/2022 07:54:52
16		STREET	BRAEMAR COURT - GLENROTHES	12	
17		STREET	BRAEMAR GARDENS - GLENROTHES	73	
18		STREET	BROOM ROAD - GLENROTHES	76	
19		STREET	CARNEGIE PLACE - GLENROTHES	29	28/02/2022 09:38:29
20		STREET	CASKIEBERRAN DRIVE - GLENROTHES	6	
21		STREET	CASKIEBERRAN ROAD - GLENROTHES	14	28/02/2022 08:40:36
22		STREET	CAWDOR DRIVE - GLENROTHES	89	
23		STREET	CLYDE COURT - GLENROTHES	33	
24		STREET	CRINAN PLACE - GLENROTHES	7	28/02/2022 08:32:49
25		STREET	CROMARTY COURT - GLENROTHES	34	
26		STREET	DORNOCH PLACE - GLENROTHES	25	28/02/2022 08:43:46
27		STREET	DUNVEGAN COURT - GLENROTHES	27	
28		STREET	DURNESS COURT - GLENROTHES	29	28/02/2022 10:42:49
29		STREET	DURRIS DRIVE - GLENROTHES	58	
30		STREET	ETIVE PLACE - GLENROTHES	16	28/02/2022 08:02:03
31		STREET	FORTH COURT - GLENROTHES	18	28/02/2022 08:24:34
32		STREET	HUNTLY DRIVE - GLENROTHES	82	
33		STREET	INVER PLACE - GLENROTHES	9	28/02/2022 08:53:00
34		STREET	KEITH DRIVE - GLENROTHES	119	
35		STREET	LAKFORD ROAD - GLENROTHES	30	28/02/2022 10:26:27
36		STREET	LOCH KATHINE GARDENS - GLENROTHES	37	28/02/2022 11:04:18
37		STREET	LOCH VERNACHAN GARDENS - GLENROTHES	28	28/02/2022 10:55:38
38		STREET	LORNE COURT - GLENROTHES	30	
39		STREET	MELFORD PLACE - GLENROTHES	4	28/02/2022 08:12:47

Exceptions



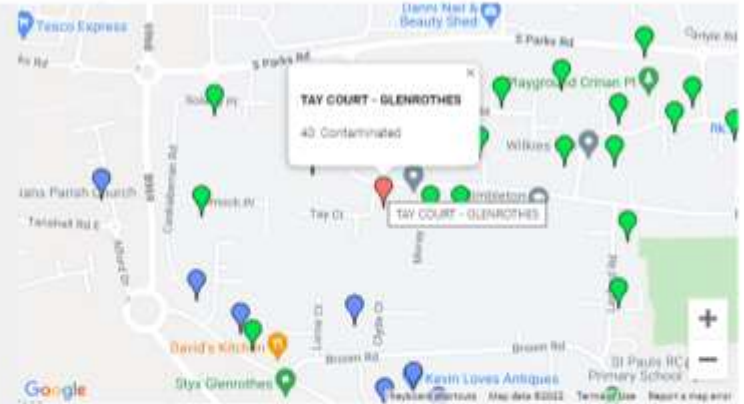


Status: **STARTED**

Status: **STARTED**

Status: **STARTED**

Seq	W/S Id	Job Type	Location	Properties	Time	Exceptions
1		STREET	ADAMSON PLACE - GLENROTHES	18	26/02/2022 07:54:30	
2		STREET	ALFORT PLACE - GLENROTHES	9	26/02/2022 06:00:19	
3		STREET	ALFORD DRIVE - GLENROTHES	36		
4		STREET	ALNE COURT - GLENROTHES	22	26/02/2022 10:47:45	
5		STREET	ANDERSON PLACE - GLENROTHES	7	26/02/2022 07:54:36	
6		STREET	ARDROSS COURT - GLENROTHES	21		
7		STREET	ARDROSS PLACE - GLENROTHES	69		
8		STREET	BALFOUR GARDENS - GLENROTHES	53		
9		STREET	BALNAGOWAN DRIVE - GLENROTHES	89		
10		STREET	BEAUX COURT - GLENROTHES	6	26/02/2022 10:00:01	
11		STREET	BECKMAN STREET - GLENROTHES	2	26/02/2022 07:54:45	
12		STREET	BEVAN COURT - GLENROTHES	24	26/02/2022 10:27:56	
13		STREET	BILSAND PATH - GLENROTHES	27	26/02/2022 07:54:49	
14		STREET	BILSAND ROAD - GLENROTHES	148	26/02/2022 10:21:11	
15		STREET	BOYES PATH - GLENROTHES	10	26/02/2022 07:54:52	
16		STREET	BRAEMAR COURT - GLENROTHES	12		
17		STREET	BRAEMAR GARDENS - GLENROTHES	73		
18		STREET	BROOM ROAD - GLENROTHES	76		
19		STREET	CARNEIDE PLACE - GLENROTHES	29	26/02/2022 09:38:29	
20		STREET	CASHIEBERRAN DRIVE - GLENROTHES	6		
21		STREET	CASHIEBERRAN ROAD - GLENROTHES	14	26/02/2022 06:40:35	
22		STREET	CAWDOR DRIVE - GLENROTHES	69		
23		STREET	CLYDE COURT - GLENROTHES	33		
24		STREET	CIRNAN PLACE - GLENROTHES	7	26/02/2022 06:32:49	
25		STREET	CROMARTY COURT - GLENROTHES	34		
26		STREET	DERROCH PLACE - GLENROTHES	25	26/02/2022 06:43:46	
27		STREET	DUNVEGAN COURT - GLENROTHES	27		
28		STREET	DUNNESS COURT - GLENROTHES	26	26/02/2022 10:42:49	
29		STREET	DURRIS DRIVE - GLENROTHES	58		
30		STREET	ETVAE PLACE - GLENROTHES	15	26/02/2022 06:52:59	
31		STREET	FORTH COURT - GLENROTHES	10	26/02/2022 06:26:34	
32		STREET	HUNTLY DRIVE - GLENROTHES	82		
33		STREET	INVER PLACE - GLENROTHES	9	26/02/2022 06:52:00	
34		STREET	KEITH DRIVE - GLENROTHES	119		
35		STREET	LARFORD ROAD - GLENROTHES	36	26/02/2022 10:26:27	
36		STREET	LOCH KATRINE GARDENS - GLENROTHES	27	26/02/2022 11:04:15	
37		STREET	LOCH VENACHAN GARDENS - GLENROTHES	26	26/02/2022 10:55:38	
38		STREET	LORNE COURT - GLENROTHES	30		
39		STREET	MELFORD PLACE - GLENROTHES	4	26/02/2022 08:12:47	



29	STREET	DURRIS DRIVE - GLENROTHES	58	
30	STREET	ETVAE PLACE - GLENROTHES	18	28/02/2022 08:02:52
31	STREET	FORTH COURT - GLENROTHES	18	28/02/2022 08:26:34
32	STREET	HUNTLY DRIVE - GLENROTHES	82	
33	STREET	RYVER PLACE - GLENROTHES	3	28/02/2022 08:53:00
34	STREET	KEITH DRIVE - GLENROTHES	119	
35	STREET	LAXFORD ROAD - GLENROTHES	30	28/02/2022 10:24:27
36	STREET	LOCH KATRINE BARDENS - GLENROTHES	37	28/02/2022 11:04:15
37	STREET	LOCH VENACHAR BARDENS - GLENROTHES	36	28/02/2022 10:55:38
38	STREET	LORNE COURT - GLENROTHES	30	
39	STREET	MELFORD PLACE - GLENROTHES	4	28/02/2022 08:12:47
40	STREET	MORAR COURT - GLENROTHES	22	
41	STREET	MURRAY PLACE - GLENROTHES	34	28/02/2022 10:11:58
42	STREET	NARRIN RATH - GLENROTHES	18	28/02/2022 07:38:01
43	STREET	PENTLAND ROAD - GLENROTHES	13	
44	STREET	REID PLACE - GLENROTHES	29	28/02/2022 08:50:25
45	STREET	RIMBLE LOAN - GLENROTHES	12	28/02/2022 07:22:33
46	STREET	RIMBLETON AVENUE - GLENROTHES	113	28/02/2022 07:56:59
47	STREET	RIMBLETON PARK - GLENROTHES	3	28/02/2022 06:41:02
48	STREET	ROTHES ROAD - GLENROTHES	6	28/02/2022 08:22:14
49	STREET	RYAN ROAD - GLENROTHES	79	28/02/2022 08:23:35
50	STREET	SHIEL COURT - GLENROTHES	25	
51	STREET	SILWAY PLACE - GLENROTHES	51	28/02/2022 08:52:13
52	STREET	SOUTH PARKS ROAD - GLENROTHES	39	28/02/2022 08:54:40
53	STREET	STENTON ROAD ACCESS ROAD FROM STENTON ROAD TO PITTEUCHAR DRIVE - GLENROTHES	6	
54	STREET	STRIVEN PLACE - GLENROTHES	10	28/02/2022 08:22:46
55	STREET	SUNART PLACE - GLENROTHES	18	28/02/2022 08:12:57
56	STREET	TAY COURT - GLENROTHES	40	28/02/2022 10:09:11
57	STREET	TOMINTOUL PLACE - GLENROTHES	21	
58	STREET	TORRSDON PLACE - GLENROTHES	15	28/02/2022 08:07:34
59	STREET	WOODS DRIVE - GLENROTHES	25	
60	STREET	WOODS PLACE - GLENROTHES	34	
61	STREET	WOODS WAY - GLENROTHES	10	

PC131		<div style="width: 38%;"><div style="width: 38%;"></div></div> 38 %
PC201		<div style="width: 50%;"><div style="width: 50%;"></div></div> 50 %
PC216		<div style="width: 38%;"><div style="width: 38%;"></div></div> 38 %
PC226		<div style="width: 34%;"><div style="width: 34%;"></div></div> 34 %
PC301		<div style="width: 49%;"><div style="width: 49%;"></div></div> 49 %

Status: **STARTED**

Status: **STARTED**

Status: **STARTED**

Status: **STARTED**

Status: **STARTED**

Account Site	Property	Exception	Round	Date	Status
LF101					STARTED
LF106					STARTED
LF206					STARTED
LF211					STARTED
LF221					STARTED
LF300					STARTED
LF311					STARTED
LF401					STARTED
PC101					STARTED
PC116					STARTED
PC138					STARTED
PC131					STARTED
PC201					STARTED
PC216					STARTED
PC224					STARTED
PC301					STARTED
PC314					STARTED

Account Site	Property	Exception	Round	Date
223803	40 TAX COURT - GLENROTHES	Contaminated	(Mon) PC126	28/02/2022 10:00:11

Close this modal



Account Sites

Site Authority: Fife

Search Mode Edit Mode Add Mode

Account Site

Authority: Fife

Status: Active ID: 339489

Ref: UPRN: 320030931

Site Name:

Prefix: Number 40

Name:

Sub Street:

Street: TAY COURT

Village/Area: GLENROTHES

Post Town: GLENROTHES

County: FIFE

Postcode: KY6 2EX

- Worksheets
- Attachments
- Logs
- Rounds
- Incidents
- Collections**
- Details
- Contacts
- Flags
- Contracts
- Notifications

February 2022

Mon	Tue	Wed	Thu	Fri	Sat	Sun
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	1	2	3	4	5	6
7	8	9	10	11	12	13

- Legend
- Today's Date
 - Collection
 - Non Working Day
 - Non Collection
 - Selected Service

Best Collections

Cans and Plastics Collection Service	14/03/2022
Food and Garden Waste Collection Service	07/03/2022
Landfill Collection Service	07/03/2022

Collection Today

Paper and Cardboard Collection Service	Exception Raised	Contaminated
--	------------------	--------------

Collection details Show Valid Collections Show Extra Service Collections

Cans and Plastics Collection Service (1)

Action	Service Item	Qty	Round Schedule	Contract Number	From	To
	CP-240	1	CP126 MonFWd	4921513	01/04/2014	N/A

Food and Garden Waste Collection Service (1)

Action	Service Item	Qty	Round Schedule	Contract Number	From	To
	FGW-240	1	FGW126 MonFuT2	4821526	01/04/2014	N/A

Landfill Collection Service (1)


Action	Service Item	Qty	Round Schedule	Contract Number	From	To
	LF-240	1	LF126 MonFuT2	3460047	02/04/2018	N/A

Paper and Cardboard Collection Service (1)

Action	Service Item	Qty	Round Schedule	Contract Number	From	To
	PC-240	1	PC126 MonFW1	5051285	01/04/2014	N/A

Account • Progress • Admin • Scheduled • Management • Reports • Users • Help • Logout | Shaun Kanyon

Account Sites

whitespace work software 

Workflows **Attachments** Logs Reports Incidents
Defactions Details Contacts Flags Contracts Notifications

Search Mode **Edit Mode** Add Mode

Account Site

Authority: Fife

Status: Active ID: 330489

Ref: UPRN: 320030931


Site Name:

Prefa: Number: 48

Name:

Sub Sheet:



Sheet: TAV COURT

Village/Area: GLENROTHES 

Post Town: GLENROTHES

County: FIFE

Postcode: KY6 2EX

File	Date	Notes		
20240117.jpg	21/06/2022 15:28:00			

Add



Key Factors

- Essential to get Crew buy in from the beginning of the project.
- Provide a user friendly, in house training package to all users
- Ensure the round information is accurate
- Identify how the tablet will be used: Secured in a cradle in the cab (comply with the law, using a handheld device whilst driving) or free standing.
- Extensive user acceptance testing

Benefits So Far

- 100% reduction in paper worksheets (over 52000 per annum)
- Over 15% reduction in missed Assisted Collections
- One source providing up to date live round information which enables crews from other areas to provide assistance reducing service failure.
- Crews ability to close jobs/report exceptions are immediately recorded on Whitespace which provides round progress

INTEGRATED CAMERA SYSTEM



History

- 2014 First Hard Drive Based 360 degree camera
- 2017 Hard Drive with Web Based App
- 2019 Move To CMS Supatrak combined Telematics and Camera System

Integrated Camera System



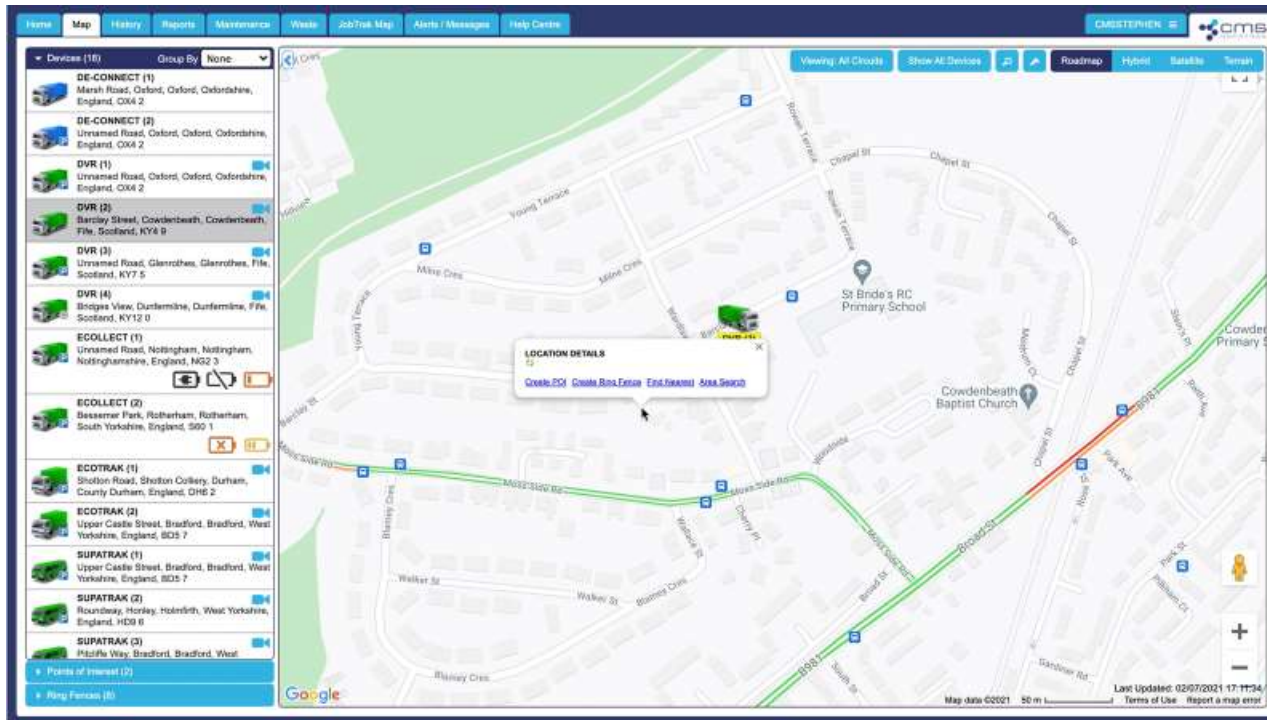
Connected Camera Solution



- Integrated with CMS telematics solutions
- 4G communications
- 1080p HD recording on up to 8 cameras
- Various interior and exterior camera options
- Up to 2GB SSD internal hard drive
- Dual record mode (Continuous + Event)
- Tamper-resistant design
- Driver record button optional
- CMS crash reconstruction compatible



Map View



The screenshot displays a web-based map application interface. On the left side, there is a sidebar titled 'Devices (18)' with a 'Group By' dropdown set to 'None'. The sidebar lists various devices with their respective icons and addresses:

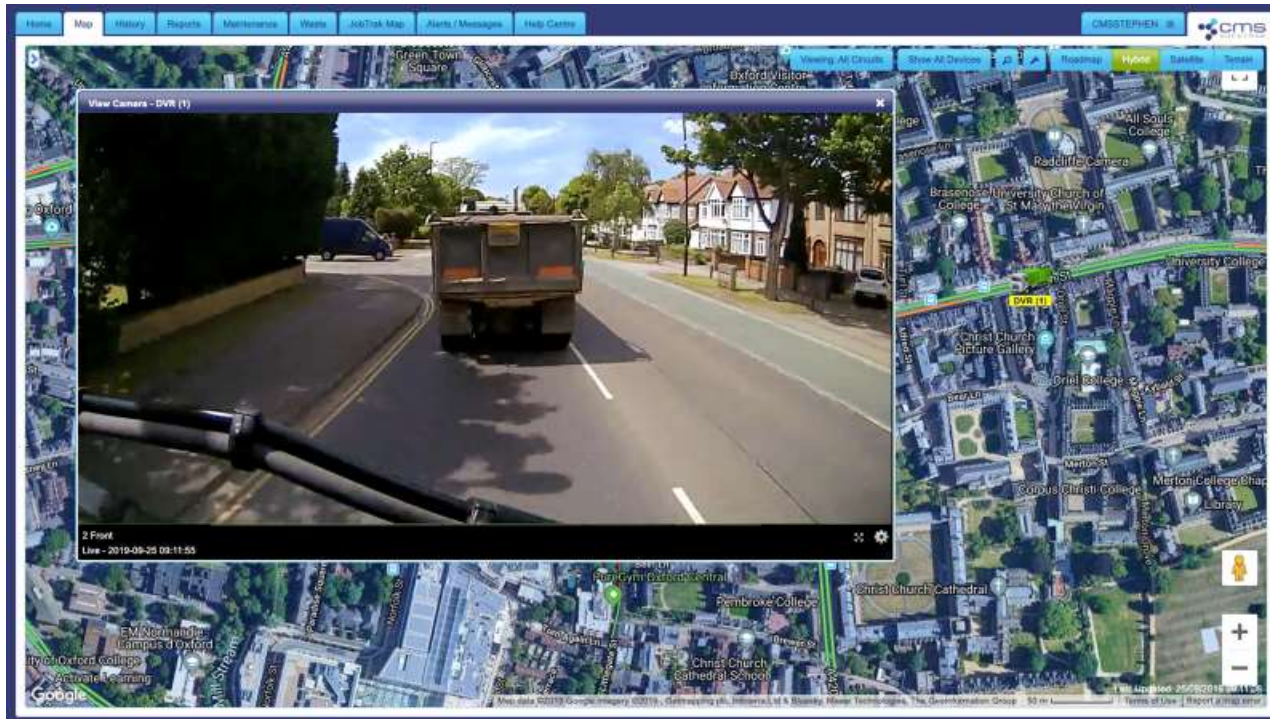
- DE-CONNECT (1)**: Marsh Road, Oxford, Oxford, Oxfordshire, England, OX4 2
- DE-CONNECT (2)**: Unrased Road, Oxford, Oxford, Oxfordshire, England, OX4 2
- DVR (1)**: Unrased Road, Oxford, Oxford, Oxfordshire, England, OX4 2
- DVR (2)**: Barclay Street, Coedbereth, Coedbereth, Fife, Scotland, KY6 8
- DVR (3)**: Unrased Road, Glenrothes, Glenrothes, Fife, Scotland, KY7 5
- DVR (4)**: Bridges View, Dunfermline, Dunfermline, Fife, Scotland, KY12 0
- ECOLLECT (1)**: Unrased Road, Nottingham, Nottingham, Nottinghamshire, England, NG2 3
- ECOLLECT (2)**: Bessemer Park, Rotherham, Rotherham, South Yorkshire, England, S60 1
- ECOTRAK (1)**: Shotton Road, Shotton Colliery, Durham, County Durham, England, DH6 2
- ECOTRAK (2)**: Upper Castle Street, Bradford, Bradford, West Yorkshire, England, BD5 7
- SUPATRAK (1)**: Upper Castle Street, Bradford, Bradford, West Yorkshire, England, BD5 7
- SUPATRAK (2)**: Roundway, Horley, Horsham, West Yorkshire, England, HD8 8
- SUPATRAK (3)**: Mistle Way, Bradford, Bradford, West

At the bottom of the sidebar, there are links for 'Points of Interest (2)' and 'Ring Fences (8)'. The main map area shows a residential street layout with a highlighted green route. A popup window titled 'LOCATION DETAILS' is open over a device icon, displaying the following information:

- LOCATION DETAILS**
- 12
- [Google Earth](#) [Google Maps](#) [OpenStreetMap](#) [Satellite](#) [Street View](#)

The map interface includes a top navigation bar with tabs for 'Home', 'Map', 'History', 'Reports', 'Maintenance', 'Waste', 'JobTrak Map', 'Alerts / Messages', and 'Help Centre'. The user's name 'CHRISTOPHER' and the 'CMS' logo are visible in the top right. The map itself has a toolbar with options for 'Viewing All Chunks', 'Show All Devices', 'Roadmap', 'Hybrid', 'Satellite', and 'Terrain'. A scale bar at the bottom right indicates 'Map data ©2021 50 m' and 'Last Updated: 02/07/2021 17:11:34'.

Real Time Viewing



CMS Supatrak Live

www.supatrak.com

Benefits

- No Need to remove hard drive from vehicle
- Instant downloading following incident
- Live feed from vehicle
- Remote supervisor checks
- Ability to check for missed bins

Examples in practice

[Snow slip.mp4](#)

[FOI request.mp4](#)

[near miss 1.mp4](#)

[near miss 2.mp4](#)

[customer complaint.mp4](#)