



Developed to provide full overview of consignment, delivery and processing cycle of cane deliveries

Road Delivery Mimic

Illustrates each phase of the delivery cycle

Consigned bins are displayed in the Field Queue

Bins identified by RFID readers

Mimic can be run in two modes

Mimic runs in any modern web browser



This mimic has been produced specifically for factories using road transport. It provides a complete overview of the delivery cycle, from the remote field entry of the consignment details and each phase as it progresses through the factory processing stages.



The screenshot displays a complex web-based interface with several data tables and a central control panel. The tables include:

- FIELD**: A table with columns for Q No., Ticket No., Bin, From, Stock, Prod, Harvest Time, and Date. It lists various bin numbers and their associated data.
- MP1 ENTRANCES**: A table with columns for Q No., Ticket No., Stock, Bin, Prod, Time, and Date. It shows entry details for different trucks.
- TOP**: A table with columns for Q No., Ticket No., Stock, Bin, Gross, Tons, Time, and Date. It provides a summary of top-level data.
- WEIGHTBRIDGE**: A central panel showing 'WEIGHT 00.00', 'NET', 'TRANS N°', and 'PROD'. It also includes a 'TRUCK ON W/B' section with a table of truck details.
- NOTICES**: A section at the bottom left displaying warning and error messages with dates and details.
- LANDFILL DATA**: A table at the bottom right showing data for different landfills.

Features:

- Web-based mimic, runs in any modern browser
- Truck and bin identified by RFID
- AWCS (Automatic Weighing & Control Station) records weight details
- Diagnostic warning message

The mimic can be run in two modes. *Operator Mode* is available to users with the appropriate permissions and allows amendments to be made. *Monitor Mode* is available to anyone, and restricts the user to passively viewing the mimic. It runs in any modern web browser, convenient for a wide range of personnel.

Road Delivery Mimic – Description

Lists bins consigned from the field using telemetry

View, enter or amend bins

Weighbridge operations carried by the AWCS

Queue provides list of vehicles waiting to tip

Provides diagnostic warning message

Field Details

The Field section lists all of the bins that have been consigned from the field using telemetry.

FIELD							82
Q No.	Ticket No.	Bin	Farm	Block	Pad	Harvest Time	
504	27 5272	272	4161	300	22	Mon 23:51	
360	16 2966	205	4139	160	343	Tue 06:37	
361	16 2967	305	4139	160	343	Tue 06:38	
382	23 3514	280	4253	180	210	Tue 07:27	
386	23 3515	316	4253	180	210	Tue 07:38	
388	28 4252	229	4136	221	291	Tue 07:41	
489	22 3343	223	4008	170	246	Tue 07:42	
490	22 3344	223	4014	232	246	Tue 07:42	
392	27 2996	202	4161	300	359	Tue 07:58	
399	23 3518	253	4253	180	210	Tue 08:19	
401	22 3334	2					
402	22 3335	2					
403	22 3336	2					

Data Entry Forms

Ticket No.	Bin No.	Farm	Block	Class	Harvest Time
480725	1293				
480728	1293				
+++++	+++++				
480725	1293	1060	2B	57	Oct 25

Details of a bin can be viewed, entered or amended in a data entry

Mill Entrance

When the bins are filled in the field, the bin numbers are transferred by telemetry to the cane receivals server.

MILL ENTRANCE						
Q No.	Ticket No.	Truck	Bin	Arrived	Cut	
394	23 3517	440	324	11:46	Tue	
407	20 0000	416	277	11:34	Sat	
429	22 3337	498	286	11:24	Tue	



Weighbridge

The automatic weighbridge operations is carried by the AWCS (Automatic Weighing & Control Station). The mimic dynamically illustrates each stage of the weighing cycle.

Tip

After the vehicle has been gross weighed, the consignment moves from the Booked In Queue to the Tip Queue. This queue provides a list of vehicles currently waiting to

TIP								
Q No.	Ticket No.	Truck	Bin	Gross	Tip	Tare	Grossed	Cut
442	15 3038	420	242	41.90	0.00	11:44	Tue	
450	17 3059	436	377	38.60	0.00	11:38	Tue	
421	16 2970	415	289	42.08	0.00	11:10	Tue	
422	16 2971	415	289	42.08	0.00	11:10	Tue	
340	16 2965	442	304	40.74	19.42	11:09	Tue	

Laboratory

These crushed deliveries are listed in the Laboratory section of the display.

LABORATORY					
Deliv	Truck	Bin	Gross	Tare	Time
31784	421	265	43.04	20.14	11:34

Notices

Should a diagnostic warning message or a more serious error occur, these will be displayed in this window. The serious error is displayed in Red, the diagnostic error in Amber and when an error has returned to normal, displayed in Green.

NOTICES		
Level	Time	Details
Warning	Oct 15, 17:44	Booked-in a bin at the mill entrance that was not found in the field queue. Bin 608, Truck 421
Normal	Oct 15, 16:08	PLC online again
Severe	Oct 15, 16:08	PLC offline
Warning	Oct 14, 23:28	Received a tip message from the sample tracking, but no bin was ID-ed at the tip since tipped bin 558