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Road Delivery Mimic

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 stage.

The screenshot displays the software interface for a weighing station, organized into several sections:

- FIELD:** A table with columns for Q No, Ticket No., Bin, Farm, Block, Pad, and Harvest Time. It lists multiple entries with their respective details.
- MILL ENTRANCE:** A table with columns for Q No., Ticket No., Truck, Bin, Pad, and Time. It shows truck arrivals at the mill entrance.
- TIP:** A table with columns for Q No., Ticket No., Truck, Bin, Gross, Tare, and Time. It provides detailed weighing and tipping data.
- WEIGHBRIDGE:** A central control panel showing 'CONDONG' status, 'WEIGHT' (00.00), 'NET', 'TRANS N°', and 'PROD'. It includes a 'TRUCK ON W/B' indicator and a detailed table of truck data.
- LABORATORY:** A table with columns for Deliv, Truck, Bin, Gross, Tare, and Time, showing lab results for specific deliveries.
- NOTICES:** A section for system alerts, including warnings about duplicate telemetry and RFID tag issues.
- WEIGHBRIDGE STATUS:** A diagram on the right showing the physical components of the weighing station, such as the NIR sensor, Juice Sampler, and Dump Valve.

Features

- Web-based mimic, runs in any modern web browser
- Truck and bin identified by RFID
- AWCS (Automatic Weighing and 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.

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	20					
399	23 3518	25					
401	22 3334	25					
402	22 3335	25					
403	22 3336	25					

Data Entry Forms

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

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

Mill Entrance

When the bins are filled in the field, the bin numbers are transferred by telemetry to the cane receipts 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 and Control Station). The mimic dynamically illustrates each stage of the weighing cycle.

Truck	Reg	Trailer	Type	Prod	Item Prod	Item Prod	Weight	Time
498	HIJ900	398	r	MISC	27	0	17.23	16:44
434	CD 64HQ	594	R	CANE	9999	0	21.25	17:38
443	CD34RE	615	R	CANE	9999	0	21.25	17:35
434	CD 64HQ	556	R	CANE	9999	0	21.25	15:32
443	615	R	CANE	8121	3	17.23	15:28	
434	CD 64HQ	594	R	CANE	9999	0	17.23	14:40
443	CD34RE	556	R	CANE	9999	0	17.23	13:16
443	CD34RE	615	T	CANE	0	0	00.00	13:06

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.

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 Window

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 the 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