



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

YardView Rail

Consigned bins are displayed in the Field Queue

Bins identified by RFID readers

Ensures all farm details assigned to correct bin

Mimic can be run in two modes

Mimic runs in any modern web browser



The Full Yard Mimic provides a complete overview of the consignment, delivery and processing cycle as the cane deliveries progress from the field to factory. It illustrates each phase of the delivery cycle.

FIELD				FULL YARD				NOTICES		
Ticket No.	Bin No.	Form	Block	Side	Harvest Time	Bin No.	Ticket No.	Level	Time	Details
48 0725	1293	1060	2B	57	Oct 25	1192	8 0098	993	17 0835	22 47 0722
48 0728	1293	1060	3B	57	Wed 05:56	737	8 0098	784	52 0098	1489 17 0835
48 0725	1293	1060	2B	57	Oct 25	24	8 0098	772	17 0835	902 47 0722
66 1096	424	8780	10A	103	Wed 05:22	926	8 0098	836	17 0835	755 47 0722
66 1096	440	8780	10A	103	Wed 06:30	168	8 0098	759	17 0835	1003 47 0722
48 0728	1293	1060	3B	57	Wed 05:56	285	8 0098	414	17 0835	1802 8 0094
48 0728	137	1060	3B	57	Wed 07:04	1086	8 0098	1055	53 0442	1201 17 0835
48 0728	1384	1060	3B	57	Wed 07:21	163	8 0098	93	17 0835	21 8 0094
48 0728	278	1060	3B	57	Wed 07:38	73	8 0098	843	17 0835	700 8 0094
48 0728	291	1060	3B	57	Wed 07:55	416	8 0098	416	8 0098	853 39 0277
48 0728	546	1060	3B	57	Wed 08:12	879	8 0098	383	39 0277	728 8 0094
48 0728	514	1060	3B	57	Wed 08:29	572	8 0098	954	39 0277	1511 8 0094
53 1221	189	1020	5A	42	Wed 08:46	631	8 0098	263	39 0277	363 8 0094
53 1221	1209	1020	5A	42	Wed 09:03	877	8 0098	721	39 0277	37 8 0094
53 1221	1276	1020	5A	42	Wed 09:20	840	8 0098	1141	53 0441	614 8 0094
53 1221	1135	1020	5A	42	Wed 09:37	324	8 0098	350	53 0441	789 8 0094
53 1221	784	1020	5A	42	Wed 09:54	708	8 0098	601	53 0441	752 8 0094
53 1221	442	1020	5A	42	Wed 10:11	152	8 0098	264	39 0277	632 8 0094
53 1221	580	1020	5A	42	Wed 10:28	46	8 0098	703	39 0277	731 8 0094
53 1221	23	1020	5A	42	Wed 10:45	910	8 0098	908	39 0277	490 8 0094
53 1221	668	1020	5A	42	Wed 11:02	868	8 0098	117	0 0000	234 8 0094
53 1221	714	1020	5A	42	Wed 11:19	364	8 0098	109	39 0277	838 8 0094
53 1221	42	1020	5A	42	Wed 11:36	784	8 0098	340	39 0277	182 8 0094
53 1221	958	1020	5A	42	Wed 11:53	1063	8 0098	156	39 0277	56 8 0094
53 1221	931	1020	5A	42	Wed 12:10	424	8 0098	848	0 0000	910 8 0094
53 1221	73	1020	5A	42	Wed 12:27	56	53 0442	936	39 0277	198 8 0094
53 1221	1044	1020	5A	42	Wed 12:44	1055	53 0442	739	39 0277	378 8 0094
53 1221	1473	1020	5A	42	Wed 13:01	209	53 0442	1834	39 0277	454 8 0094
53 1221	86	1020	5A	42	Wed 13:18	987	53 0442	53	39 0277	1153 8 0094
53 1221	358	1020	5A	42	Wed 13:35	1428	53 0442	526	39 0277	224 8 0094
53 1221	485	1020	5A	42	Wed 13:52					

Features:

- Web-based mimic, runs in any modern browser
- Vehicles identified by RFID
- Lists all consigned bins
- Multi-line or single-line viewing mode
- 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.

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YardView Rail – Description

Uses telemetry to list bins consigned from the field

Bins identified through the use of RFID antennas

Ticket details for a particular bin can be viewed and amended

Weights and consignment details displayed as each bin crushed and processed

Provides diagnostic warning message

Field Details

This lists all of the bins that have been consigned from the field using telemetry. The user can highlight a row, view the details and has the facility to remove this entry from the field queue.

Full Yard

The full yard consists of number of lines that are used for storage.

The 'FULL YARD' interface displays a grid of storage lines. Line 1 has 0 bins, Line 2 has 115 bins, Line 3 has 90 bins, and Line 4 has 91 bins. A detailed view for Ticket 510049 shows 32 field bins and 20 yard bins. The interface includes fields for Ticket No., Farm, Harvester, Harvest Date, Time, Green, Burn Date, and Time, along with Block, Variety, and Class options.

A list of bins is shown with a context menu for Bin 1730. The menu options are: Insert bins after Bin 1730, Insert bins before Bin 1730, Reassign Bin 1730, Reassign Bin 1730 to Ticket 151458, Delete Bin 1730, Add bins to end of Line 4, and Clear Line 4.

Tip Queue

This displays the bins between the merging of the full yard lines onto the tip queue. As the bins move onto the weighbridge tippler, the weights and consignment details are displayed as each bin is crushed and processed.

The Tip Queue interface shows a list of bins with their weights and consignment details. A control panel on the right includes: Tippler State: tipping, Weigh Mode: Automatic, Tick: 535778, F/B: 1480 27A, Bin: 866, Var: Q183, Gros: 752, Rak: 17625, Tare: 0, Sam: 16421. A visual representation of the tippler shows bins 672, 419, 599, 1065, 49, 1267, 1949, 226, 1249, 866, and 944.

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 an error has returned to normal displayed in Green.

The 'FIELD' interface displays a list of bins with their ticket numbers, bin numbers, farm numbers, block numbers, side numbers, and harvest times. A detailed view for Ticket 480728 shows 8 field bins and 12 yard bins. The interface includes fields for Ticket No., Bin No., Farm, Harvester, Harvest Date, Time, Green, Burnt Date, and Time, along with Block, Variety, and Class options.

RFID antennas mounted at the entrance identify the bins and a line selector identifies which line these bins are being transferred onto. Bins are recorded and the system examines the bins in the field queue and attempts to match the bin on the line to the telemetry details. Bins that have been matched have a ticket number associated with it; bins not matching have a zero ticket number and are shown in red (suspense). The ticket details for a particular bin can be viewed and amended.

The 'Ticket 170271' interface shows a detailed view of a bin. It includes fields for Ticket No., Farm, Harvester, Harvest Date, Time, Green, Burnt Date, and Time, along with Block, Variety, and Class options. The interface also displays a list of field bins and yard bins.

Warning	Oct 15, 17:44	Missed tag at tip
Normal	Oct 15, 16:08	PLC online again
Severe	Oct 15, 16:08	PLC offline