## 1280 Truck In/Out

Date: 3/12/15

### Software User Guide

**Scope**

The 1280 Truck In/Out application is included with the 1280 standard firmware and is loaded by importing the application from the Configuration menu “Import Files”.

Sequence of Operation

The softkeys on powerup and exit configuration are [] – [] – [**Inbound Trucks**] – [**Toggle Lights**] – [**Setup** **Menu**]

System streams the current weight to a stop n go remote display.

**Weigh In**

1. With the traffic light **Green** the truck will pull fully onto the scale for a transaction.
2. The traffic light will turn **Red** when the **Threshold Weight** is exceeded.
3. System displays - [**Weigh In**] – [**Weigh Out**] - **[Truck Register] – [Toggle Light] –** []softkeys**.**
4. Operator presses the [**Weigh In**] softkey.
5. System prompts – “Enter Truck ID”
6. Operator enters the TRUCK ID and presses the **ENTER** key.
7. System queries the Inbound database table.
	1. ID FOUND
		1. Momentary displays – “Truck Already Weighed In” and goes back to STEP 3.
	2. ID NOT FOUND
		1. Captures a stable GROSS weight
		2. Adds inbound transaction to the truck register.
		3. Prints a weigh in ticket. The reprint is available until the driver exits the scale.
		4. System turns the light **Green**.
		5. Momentary displays – “Weigh In Complete – Exit Scale”.
8. When the weight drops below the **Threshold Weight** system returns to STEP 1.

**Weigh Out**

1. With the traffic light **Green** the truck will pull fully onto the scale for a transaction.
2. The traffic light will turn **Red** when the **Threshold Weight** is exceeded.
3. System displays - [**Weigh In**] – [**Weigh Out**] - **[Truck Register] – [Toggle Light] –** []softkeys**.**
4. Operator presses the [**Weigh Out**] softkey.
5. System prompts – “Enter Truck ID”
6. Operator enters the TRUCK ID and presses the **ENTER** key.
7. System queries the Inbound database table.
	1. ID NOT FOUND with NO KEYD Tare
		1. Momentary displays – “Truck Already Weighed In” and goes back to STEP 3.
	2. ID NOT FOUND with KEYED tare
		1. Captures a stable NET weight
		2. Prints a weigh in ticket. The reprint is available until the driver exits the scale.
		3. System turns the light **Green**.
		4. Momentary displays – “Weigh Out Complete – Exit Scale” and goes back to STEP 3.
	3. ID NOT FOUND
		1. Captures a stable GROSS weight
		2. Does **Value Swapping** if enabled in the Setup Menu (Not with KEYED Tare).
		3. Prints a weigh in ticket. The reprint is available until the driver exits the scale.
		4. System turns the light **Green**.
		5. Deletes inbound weight if **Stored Tares** is disabled in the Setup Menu (Not with KEYED Tare).
		6. Momentary displays – “Weigh Out Complete – Exit Scale”.
8. When the weight drops below the **Threshold Weight** system returns to STEP 1.

**Inbound Trucks**

1. Operator presses the [**Inbound Trucks**] softkey. If a password is stored
2. The display will show 8 inbound weighments, including ID, weight and time/date and the softkeys will switch to [**Page Up**] – [**Page Down**] – [**Delete**] – [**Delete ALL**] – [**Exit**].
3. The top weighment is selected, meaning the arrow is next to it and the weighment is also displayed at the bottom of the screen.
4. Press the **NAV DOWN** or **NAV UP** keys to change the selection, or the [**Page Up**] and [**Page Down**] softkeys to scroll through stored inbound weighments 8 at a time.
5. Press the [**Delete**] softkey to delete the selected inbound weighment. The display will display “Are You Sure?” and change the softkeys to [**Yes**] – [] – [] – [] – [**No**]. To delete press the [**Yes**] softkey.
6. Press the [**Delete All**] softkey to delete all inbound weighments. The display will prompt “Are You Sure?” and change the softkeys to [**Yes**] – [] – [] – [] – [**No**]. To clear all weighments press the [**Yes**] softkey.

**Serial Communications – Tickets, PC**

**Weigh In Ticket (Auxfmt1)**

The program uses the Auxiliary Print Format #1 so that the dealer may modify the print format thru the 920i front panel or by using iRev PC software.

ID: 555

GROSS: 6000 lb INBOUND

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**Weigh Out Ticket (Auxfmt2)**

The program uses the Auxiliary Print Format #2 so that the dealer may modify the print format thru the 920i front panel or by using iRev PC software.

ID: 555

GROSS: 100000 lb
TARE: 6000 lb RECALLED
NET: 94000 lb

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**Modifying the Database Tables**

Databases can be saved to a USB thumb drive from configuration, or can be uploaded to the PC application Interchange.

Application Setup & Configuration

The [**Setup Menu**] softkey is password-protected and offers access to the following:

* Display Program Name & Version
* Display a weight widget

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Default** | **Softkey** | **Description** |
| System Password | “” | Setup Password | Changing the password that is required for entry into the Setup menu. Setting the password to nothing will cause the system to not prompt for a password when the [**Setup Menu**] softkey is pressed. |
| Stored Tares | ON | Stored Tares | When this is ON the Inbound Weight is stored even after Weighing Out. When this is OFF the Inbound record is deleted after Weighing Out. |
| Inbound Trucks Password | “” | Trucks Password | Changing the password that is required for entry into the Inbound Trucks display. Setting the password to nothing will cause the system to not prompt for a password when the [**Inbound Trucks**] softkey is pressed. |
| Value Swapping | ON | Value Swapping | When this is ON the Gross weight is always the larger of the Gross and Tare values, whether the Outbound weight was larger or smaller than the Inbound weight. When this is OFF the Gross is always the Outbound weight. |
| Threshold Weight | 5000 | Threshold Weight | Enter the weight that triggers the optional traffic light, and also is what must go above/below between weighments are allowed. |

Database Tables

|  |
| --- |
| **Inbound Database Table** |
| **Field** | **Type** | **Description** |
| ID | String | Alphanumeric ID – 15 Characters |
| InWgt | Real | Inbound weight stored |
| DT | Datetime | Time and Date of transaction |

Hardware Setup

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| --- |
| **Option Card Locations** |
| **Slot** | **Type** |
| 1 | Single Channel A/D Card |

|  |
| --- |
| **Digital I/O** |
| **Slot** | **Bit** | **Type** | **Function** |
| 0 | 1 | Output | Green Traffic Light |
| 0 | 2 | Output | Red Traffic Light |

|  |
| --- |
| **Serial Port** |
| **Port** | **Type** | **Description** | **Setup** |
| 1 | CMD | Ticket Printer | 9600,8,N,2 |
| 2 | CMD | Optional Laserlight | 9600,8,N,2 |

**Version Changes**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Changes** | **Date** | **Firmware** |
| 1.00 | * Initial Release
 | 3/1/2015 | 1.00 |
| Download: [x] **SC** [x] **PF** [x] **SP** [x] **W** [x] **DB** [x] **COD** **SC =**  Standard Configuration **PF =**  Print Formats **SP =** Setpoints **W =**  Widgets**DB =**  Database Tables **COD =** Program |