



## Electronic Loading Point

### Introduction

One of the challenges faced currently by the Sugar industry is to verify the source of cane:

- Growers and transporters bring the cane from a shorter distance and claim that they have brought it from longer distance. Hence they claim more TPT Subsidy and this ultimately results for a loss for factory.
- Growers / Transporter get the TPT documents stamped from the LP (Loading Point) / sector office of different sugar mills for one truck and claim the full TPT, Subsidy charges for multiple trucks.
- The Transporters / Grower prepare fake and duplicate rubber stamps LP / of sector offices check post and cheat the mills to the tune of millions of rupees in losses.

### Solution

The solution to this problem is to find a secure way through which it can be made sure that the truck has come from the specific LP and eLP do this for the customer.

There are two portions of the application one is Mobile Application and the other is Web Application, following are the features:

- Departure date and time from that LP.
- Picture of Number Plate, Indent, Driver and the Body of the Vehicle.
- GPS coordinate indicating from which place the picture has been taken.
- Internet enabled Mobile phones at all LP's.
- This mobile device would take pictures from sides of truck ,driver, Number Plate, LP check post name, chassis number and also visible cane quantity / trolley length.
- This image automatically uploaded on the Web server with date, time and location.

## Solutions

- The starting point of the vehicle can be viewed through map.
- On arrival at mills again the pictures will be taken by mobile device at the gate and uploaded on the Web server.
- Pictures of that vehicle will be compared at Customer's Head office / Site by Independent Audit Team.
- On arriving at mills gate all the images will be finally compared by Customer's Audit team and LP would be affixed automatically by the software.
- If the Pictures of truck do not match then the LP will be rejected by the Customer's Audit team.
- In case of acceptance a verification report is printed as confirmation.
- Time consumed from arriving at mills would be matched with the average time stored in the database.
- Multiple MIS reports can be used extensively for various comparisons and audit checks.
- Log reports maintained to maintain check and balance.
- Online Dash Board display on the way vehicles, Pending registration, Pending arrivals and Pending Verifications.

## MIS Report

- Pending Registrations
- Pending arrival
- Pending verification
- Uncleared registration
- LP Wise Summary Report
- Reconciliation report
- Total Loads
- Total Registered Audit Reports
- Total Arrival Audit Report
- List of Vehicles not arrived in more than 48 hours
- Reconciliation Report
- Journey Time

### Verification Report

Client Company Name CIS Sugar Mills Ltd.

Registration



Arrival



	Registrations Details	Arrival Details
Registration Number:	0000008	0000008
Vehicle Number:	JT6808	JT6808
Haulage Name:	Truck	Truck
LP Code:	0001 - Pul Qamber	0000 - Gate
Date:	25-12-2010	25-12-2010
Time:	12:41:59	12:44:08
Serial Number:	25122010124015	25122010124258
GPS Coordinates Actual:	31.515261210426,74.329181966742	30.303020289569,71.058237105909
GPS Coordinates as per Parameters:	30.30316269805,71.058231573855	30.303241404091,71.058224700697
Tower Id:	58591	54442
Status:	<b>Accepted</b>	