

4E Logistics (4E IS) Systems Requirements:

4E IS is an information system which helps 4E employees to properly keep records and to better service its customers.

Keywords

ADVANCE – Amount of Cash 4E pays to Transporter before the journey starts

AMI CHARGES – Part of ICD charges, 4E pays on behalf of the customer

BORDER CHARGES – Charges which are paid at the boarder, Transporter responsibility

DEMURRAGE – it is a penalty when either Transporter or customer failed to return the empty container ontime

FULL PAYMENT – Revenue received from customer in full invoice amount

HANDLING – Some of the Port charges, Customer responsibility

ICD - Some of the Port charges, Customer responsibility

GPS (Tracking device) – Transporter responsibility

CONTAINER OFFLOADING – Payment made for offloading empty container, Transporter resp.

MILEAGE – part of Advance payment to Transporter

MISCELLANEOUS – operational costs

PART OF FULL PAYMENT - Revenue received from customer but is less than the actual invoice amount

PENALTY – payments for any misconduct (4E/ Transporter/ Customer)

PENALTY BROKEN SEAL

ROAD TOLL – Part of Advance payment to Transporter

SHIPPING LINE – Part of port chargers to Customer, but 4E pays on their behalves

STORAGE – payment for overstayed consignment at the port, it can be Customer faults or 4E

TICTS - Part of port chargers to Customer, but 4E pays on their behalves

TOLL GATE - Part of Advance payment to Transporter

VALUATION – Customs charges, customer resp

VERIFICATION – Customs charges, customer resp

WHARFAGE – charges for consignment loading and offloading at the port, customer respo.

How we work:

4E provides customers with a service that they only pay **one fee**, in which it covers everything from clearing services, transportation, boarder charges etc until the consignment is delivered to its destination (local/ neighbouring countries).

This one fee *includes all charges between Transport, clearing services, ICD Charges etc.*

So whatsoever charges/fee happens in between, 4E covers whether it is for transporter or customer.

Steps:

1. Customer brings BL documents for his consignment, the clearing process begins
 - a. **Important Data to capture here are**
 - i. **B/L No. (Unique ID)**
 - ii. Container No.
 - iii. Size of the container
 - iv. Date Doc received
 - v. ETA.
 - b. Customer details (Company Name)
2. We pay some charges, *Kindly refer to Table 1 on the last page.*
 - a. Taxes are paid by local customers themselves
 - b. All ontransit consignments do not pay Tax, they only pay (ICD, wharfage, handling, demurrage if any, Valuation, verification, Tracking device etc)
***We need to keep track of all the charges/ payments made and dates when the payments made as per consignment (B/L)**
3. After all these payments, we get release order and shipping line release, this time we bring in Transporters
 - a. We have a list of Transporters we normally work with, so we assign the consignment to particular transporters
 - b. They send us, Truck(s) with the driver
 - i. **Data required**
 1. Truck Registration number
 2. Trailer registration number
 3. Driver Name
 4. Driver Telephone Number
 5. Date the Consignment left the port
 - c. Transporter sends us his requirements
 - i. Advance payment
 - ii. Other charges (Road Toll, Milleage etc)
 - iii. Boarder charges is paid when the Truck reaches the boarder
*We pay all these charges from 4E pockets on their behalves. (All payments should be recorded with the dates as per consignment, truck and transporter)
This data will help us know how much **we spent** on a particular truck so as we **deduct** from their **Final payment***

4. Truck starts the safari, we normally have a file which records where/ which **status** the consignment is (Under clearance, on transit, at the border, delivered)
5. We start paying Transporter, when they returned the empty container. We calculate how much we spent on those particular consignment(B/L) and deduct from the Total amount we're supposed to pay.

Agreed Amount (x) – Amount spent= **Balance** (*Amount we are supposed to pay*)

6. Customer pays the Agreed amount either Full or Part of, then We keep the difference

Customer pays (Agreed One Fee) – Transporter charges – Port charges = our commission

All these payments and dates should be captured as per each consignment

*The WebApp should be able to capture **atleast** the below items*

Object	Item	Contents
1. Pages	1. Add Container	i. B/L (P.K) ii. Container no. iii. Size iv. Date doc received v. ETA vi. Departure date vii. Border date (When the container is at the boarder) viii. Delivered date ix. Remarks
	1. Add Customer	i. Customer Name ii. Customer Company iii. Contact no. iv. Whatsapp number
	2. Add Transporter	i. Transporter Name ii. Representative name iii. Contact No
	3. Add Truck	i. Truck reg. No ii. Trailer Reg
	4. Add Driver	i. Driver name ii. Contact no
	5. Add transaction	i. Date ii. Expense/ income description iii. amount
	6. Add expenses	i. Charge name ii. Charge description
	7. Add Income	i. Income name ii. Income descr

2. Reports	1. Customer	<ul style="list-style-type: none"> i. All consignments payments (IN/OUT with Total) - <i>Filter Date</i> ii. List of All customers
	2. Transporter	<ul style="list-style-type: none"> i. Expenses per Consignment(BL) per Transporter, ii. Amount received per consignment BL
	3. expense/ income (Showing BL)	<ul style="list-style-type: none"> ii. expenses (filter by date) iii. Income (filter by date)
	4. container	<ul style="list-style-type: none"> i. search by BL, showing consignment status ii. search by BL, showing expense/ income
3. Invoice	Customer	Invoice should show All delivered BL (Consignments) which need payments
Other Functionality		<ul style="list-style-type: none"> i. Quick view of BL details ii. Double payments restrictions, atleast to be able see PAID BL charges first before allowing to add a new one iii. Easy user interface iv. whichever you think is best. v. access to import and export from excel

CHARGES	4E	Transporters	Customers
ADVANCE		*	
AMI CHARGES			
BORDER CHARGES		*	
DEMURRAGE		*	*
FULL PAYMENT		*	
HANDLING			*
ICD			*
KING'AMUZI		*	
KUSHUSHA CONTAINER		*	
MILEAGE		*	
MISCELLANEOUS	*		*
PART OF FULL PAYMENT		*	
PENALTY	*	*	*
PENALTY BROKEN SEAL		*	*
ROAD TOLL		*	
SHIPPING LINE			*
STORAGE	*		*
TICTS			*
TOLL GATE		*	
TRANSPORT		*	
VALUATION			*
VERIFICATION			*
WHARFAGE			*

The table shows which person is responsible to which charge.

NB: All these charges are paid by 4E on their behalf's (Transporter & Customer)