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Preface

About this Manual

This manual gives you a jump-start working knowledge on the **ECDS**. It also explains the step by step information on how to use ECDS application, fields, entries, functions, modules etc.

Audience

All the Users working or implementing the application are the intended audience for ECDS application. All the users who work on the application will be provided with this document as a reference.

Related Documents:


All other documents are included in CD ROM in both printed (PDF) and online (HTML) formats.

Modules Covered in this Guide Document Conventions

In this manual, certain words are represented in different fonts, typefaces, sizes, and weights. This highlighting is systematic; different words are represented in the same style to indicate their inclusion in a specific category.

For example: The Courier font indicates a command sequence, file type, URL, Folder/File name. For example: <http://169.254.128.132>.

Additionally, this document has different strategies to draw User attention to certain pieces of information. In order of how critical the information is to your system, these items are marked as a note, tip, important, caution, or warning. For example:

Icon	Purpose
	Note



Tip/ Best Practice



Important



Caution

Support Information

Every effort has been made to ensure the accuracy of the document. If you have comments, questions, or ideas regarding the document contact online support: support@ktwo.co.in

Chapter 1

Introduction

This chapter will introduce you about purpose, features and specifications

ECDS,

Introduction to ECDS

ECDS (Express Cargo Delivery System) is an automated application developed to optimize the performance of the entire Cargo Delivery system by managing the data and transactions in a rather simpler way. Using this application all the Paperwork is cut down thereby optimizing the productivity and improving the operational process time.

It facilitates the User to manage the master data in a structured format making it easier for processing the shipment transactions. Based on the scheduled requests the Inbound and Outbound activities are processed. These activities are tracked remotely on a timely basis in order to know the status of the transportation using an interactive device.

Features

Features of the ECDS application follows:

- Manages and maintains the Customer and User information
- Organizing the master data and allocating the available resources based on the Customer requirement
- Schedules the Customer requests and is responsible for initiating the pickups
- Handles the activities in a service station
- Ensures high security on the Customer transaction details
- Logs all the activities while shipment
- Facilitate scanning on the shipped goods to avoid any damages or misplacement of goods

Software Specification

Software requirement

- Browser : IE 6.0 or above, Mozilla
- Front end tool : Ajax, JSF
- OS : Sun Solaris
- Web Server : JBOSS Server - 4.2.3.GA
- JDK version : 1.5.0.4

Hardware requirement

- RAM : 5GB
- HDD : 160 GB
- Processor : E2180, Dual CPU, with 2.00 GHz
- Database Back end tool : Oracle 10G

Chapter 2

Overview of ECDS

This chapter will provide an overview of the ECDS, accessibility details, and common icons of the application...

Overview of ECDS

ECDS application is segmented into three modules. Each module is categorized for a specific function. Through interactivity of the modules the transaction are processed.

1. MDM (Master Data Management)
2. ECDS (Express Cargo Delivery System)
3. PDA (Personal Digital Assistants)

MDM (Master Data Management): Information required in processing the shipment transactions and the User verifications are maintained here. This data is fetched by the ECDS module for carrying the activities in picking and delivering the goods.

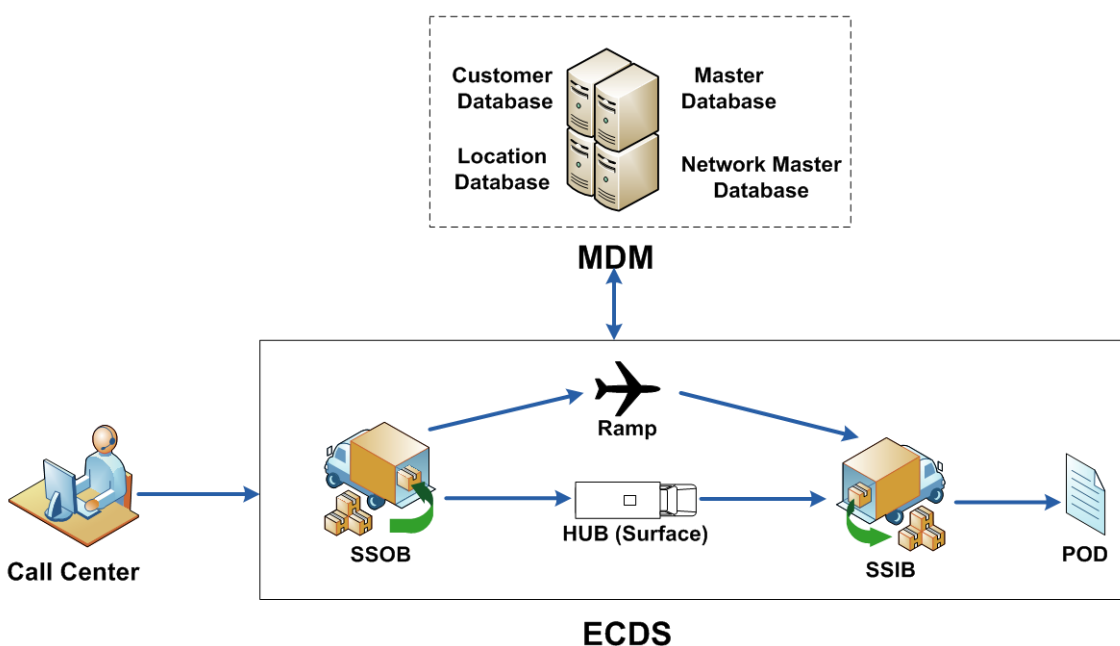
ECDS (Express Cargo Delivery System): ECDS is involved in controlling and scheduling the inbound and outbound activities involved in shipment of goods.

PDA (Personal Digital Assistants): Through this, transactions and the movement of the commodities are tracked remotely using a handheld device. The information required is fetched from MDM.

Architecture Diagram

The conceptual diagram of the ECDS application is given below:

Work Flow of ECDS Application



Accessibility

ECDS Application can be accessed through a simple login process which is highly secured to ensure security of the data of each activity. User with access privileges can login to the ECDS application using an authenticated Username and Password. Based on the login privileges and access roles, User is allowed to access the ECDS, MDM or PDA modules. Successful login process will authenticate the User to access the ECDS transactions else an error message “**Invalid Username or Password**” is displayed informing the User about the invalid parameters.

EMPLOYEE LOGIN

Username : murali

Password :

Login

Figure 1: Login form

Steps to login to the application:

1. Enter the authorized **Username** and **Password** in the respective fields.

2. Click **Login**.









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- It is mandatory to provide valid **Username** and **Password** to access ECDS application.
- **Username** and **Password** are case sensitive.

Common Icons

Following are some of the common icons of the application.

Icon	Name	Description
	Active Pickup	Request in active state
	Cancel Pickup	Remove/delete the request
	Cancelled Pickup	Pickup request was cancelled
	Modify Pickup	Modify the pickup request details
Icon	Name	Description
	No Pickup	No Pickup to the location
	Register Pickup	Creating a new pickup request, based on previous request.
	Re-initiate Pickup	Re- start the cancelled Pickup request
	Unallocated Pickup	Request is not allocated to any TSR
	First Page	Navigate to initial page
	Fast Backwards	Move backwards to access the previous requests
	Previous Page	Navigate to the previous page
	Next Page	Navigate to the next page
	Fast Forward	Move forward to access the requests


	Last Page	Navigate to the Last page
	Date Form	To select a date
	Email	To email the data
	Release	
	View	To view the data
	History	To view the

Number Format

The following number format used in generating AWB, MPS, DC, Plastic Bag (PB), and Master Bag (MB).

AWB	11 digits. E.g. 59886388567
MPS	8 digits. E.g. M1234321
DC	7 digits. E.g. D323232
PB	8 digits. E.g. 12345678

Calendar

The date form is provided whenever User needs to select a date during an activity. To select a date, click date form  icon and a date form is popped up as shown as following screen.

August							2009
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
						1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30	31						

Figure 2: Date Form

Now, select an appropriate month, year and date from the form. After selecting the date, the form is disabled and the details will be updated in the date field.



The linked image cannot be displayed. The file may have been moved, renamed, or deleted. Verify that the link points to the correct file and location.

By default, the current month, year and date are selected. Incase if the month and year are not selected then the current details are automatically applied.

Pin Code Help

Pin Code Help allows the User to search for a valid pin code. It also helps the user to check whether the Pincode is serviceable or non – serviceable by Deccan 360 and convey the same to the customer. In the Pin Code Help window, the details such as **Area**, **City** and **State** should be entered to fetch a required Pin Code.

To access the Pin Code Help window, select the **Help** link of the **Pin Code** field.

PinCode	Territory	City	State	
560010	RAJAJI NAGAR	BANGALORE	KARNATAKA	Select

Figure 3: Pin Code Help Form

Steps to search a Pin Code:

1. Enter the area in the **Area (Territory)** textbox.
2. Select a **City** from the drop down list.
3. Select a **State** from the drop down list.
4. Click **Search**, the pin code details are fetched and displayed in the Pin Code Help window.

Click **Select** of any Pin Code as shown in the preceding figure. Note that the **Pin Code**, **City**, **State** and **Area (Territory)** details will be updated in their appropriate fields.

Dashboard

The dashboard is shown in the following screen. This is the common page available for all the Users accessing ECDS module. It generally displays the reports, alerts and actions generated for the activities of the application.



Figure 4: Dashboard

Navigate through the links given in the preceding screen.

Chapter 3

ECDS (Express Cargo Delivery System)

This chapter will provide overview on Express Cargo Delivery System module and also gives a detailed information on the sub modules...

Frequently Asked Questions *A*

Appendix

B

Field	Description
Account Number	Numbers assigned to significant customer for ease of reference in an organization's accounting records.
AWB Number	Air-Way Bill, for lading that serves as a receipt of goods by an airline (carrier) and as a contract of carriage between the shipper and the carrier.
Shipper	Seller named in the shipping documents as the party responsible for initiating a shipment, and who may also bear the freight cost.
Consignee	The one to whom something, such as goods or merchandise, is consigned.
Inbound	Arriving (such as Goods), or coming in
Outbound	Process of sending goods for a delivery
Commodities	A physical substance which is interchangeable with another product of the same type, which investors buy or sell, usually through future contracts.
Pickup Request	The act or process of picking up the Delivery.
Octroi	Additional tax collected in particular location
PUP Reference Number	

Surcharge	Charge added on top of another charge.
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Appendix

Field	Description
MICR (M agnetic I nk C haracter R ecognition) Number	The machine recognition of numeric data printed with magnetically charged ink. It is used on bank checks and deposit slips. MICR readers detect the characters and convert them into digital data.
RTO (Return to shipment)	
RED (Re-direct)	
Inventory	Itemized catalog or list of tangible goods or property, or the intangible attributes or qualities.
PDA	Personal Digital Assistant is a Powerful handheld computing device without a keyboard, but with a screen that reads the words written (drawn) on it with a pen -like stylus.
TSR	A Courier boy who is responsible for delivery of Goods.

Acronyms and Glossary C

Term	Description
MDM	Master Data Management
ECDS	Express Cargo Delivery System

PDA	Personal Digital Assistant
AWB	Air-way Bill
RTO	Return to Origin
SOP	Station Outbound Pack
DL	Delivery
PUP	
ATA	Actual Time of Arrival
ETA	Estimated Time of Arrival
STA	Starting Time of Arrival
SSOB	Service Station Outbound
SSIB	Service Station Inbound
SIP	Shipment Inbound Scan
SOP	Shipment Outbound scan
CRP	Customer Relationship
TRRP	
MPS	Multiple Piece Shipment

Acronyms and Glossary

DC	Delivery Challan
PW	Paper Work
EDL	Extra Delivery Location

APPS	
AWPP	
AE	
MICR	Magnetic Ink Character Recognition

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