

**Kerry Express System**

**EDI Service for Secondary System**

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**Issue / Amendment Record**

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| **Project Name** | KES – Kerry Express System |
| **Base Version** |  |
| **Document Status** |  |

**Reviewer Sign-off**

By signing this document, it implies all reviewers have fully reviewed and agreed with the content stated in this document.

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| **Position/Title (BU/Department)** | **Name** | **Signature** | **Date** |
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| **Version** | **Date dd/mm/yyyy** | **Author** | **Reviewer** | **Approver** | **Version Summary** |
| 1.0 | 02/05/2017 | Teerawut Songserm |  |  |  |
| 2.0 | 30/05/2017 | Jatuporn Pobohimai |  |  |  |
|  |  |  |  |  |  |

# Introduction

## Purpose

This document records the Function Specification is a document requirement for detailed descriptions and specifications of development Kerry Express System (KES), which is a main system in the Kerry Express (Thailand). The goal is to use this document to the person involved in application development and system development.

## Goals and Objective

The objective of a new Kerry Express Management System is to support Express business. And it will be scalable to support the business growth.

## Scope

The new system will support both Domestic Express and International Express business products

The scope of Function Specification is as follows

* KES status update
* RD System status update
* Data transaction between KES & RD System

## Definitions

* Label : The label in screen layout and business flow
* Mapping DB : Mapping with database design
* Mandatory : Mandatory for data
* Validation : Is the process of evaluating a system or component during or at the end of the development process to determine whether it satisfies specified requirements
* Format : Format data

# EDI Result Code

|  |  |
| --- | --- |
| **Code** | **Description** |
|  |  |
| 200 | Success |
| 401 | Login Failed |
| 402 | Token Expired |
| 403 | Invalid Parameter { } |
| 404 | Missing Parameter { } |
| 405 | Access Denied |
| 406 | Token String Validation Failed |
| 407 | Pickup Order not found |
| 408 | Consignment No not found |
| 409 | Batch No not found |
| 410 | Invalid Postal Code |
| 411 | Invalid Route Code |
| 412 | Invalid Status Code |
| 413 | Invalid Exception Code |
| 414 | Invalid Service Type |
| 415 | Batch is closed, cannot update |
| 500 | System Error |

# 

# EDI Information

## KEEDI\_JSON\_GET\_TOKEN

### Input Parameter (XML String)

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Parameter** | **Type** | **Mandatory (Y/N)** |
| 1 | User | String | Y |
| 2 | Password | String | Y |

### Output Parameter (XML String)

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Parameter** | **Type** | **Mandatory (Y/N)** |
| 1 | Token | String | Y |

### Logic

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Form > To** | **Logic** | **Format** | **Period** |
| 1 | App > KES | Client Application need to retrieve token from server before any web service | JSON (Synchronize web service) | ANYTIME |

1. Client Side acquire token per EDI\_USER
2. Generate Token and save in the EDI\_USER.TOKEN
3. Return the Token as the result

### Sample Input & Output

### Input

|  |
| --- |
| {  "Password":"String content",  "User":"String content"  } |

### Output

|  |
| --- |
| "token string" |

## KEEDI\_POST\_Consignment\_Signature

### Input Parameter

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Parameter** | **Type** | **Mandatory (Y/N)** |
| 1 | User | String | Y |
| 2 | Password | String | Y |
| 3 | TokenString | String | Y |
| 4 | Consignment\_No | String | Y |

### Output Parameter

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Parameter** | **Type** | **Mandatory (Y/N)** |
| 1 | ResultCode | String | Y |
| 2 | ResultDescription | String | Y |
| 3 | Consignment\_No | String | Y |
| 4 | Signature\_Base64 | String | Y |

### Logic

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Form > To** | **Logic** | **Format** | **Period** |
| 1 | App > KES | Client Application need to send the consignment number to KES for get the signature | JSON (Synchronize web service) | ANYTIME |

### Sample Input & Output

### Input

|  |
| --- |
| {  "Password":"String content",  "TokenString":"String content",  "User":"String content",  "Consignment\_No":"String content"  } |

### Output

|  |
| --- |
| {  "ResultCode":"String content",  "ResultDescription":"String content",  "Consignment\_No":"String content",  "Signature\_Base64":"String content"  } |

## KEEDI\_POST\_Shop\_Member

### Input Parameter

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Parameter** | **Type** | **Mandatory (Y/N)** |
| 1 | User | String | Y |
| 2 | Password | String | Y |
| 3 | TokenString | String | Y |
| 4 | AccountNo | String | Y |
| 5 | CustomerCode | String | N |
| 6 | IndentityCardNo | String | Y |
| 7 | AccountName | String | Y |
| 8 | SavingAccountNo | String | Y |
| 9 | BankName | String | Y |
| 10 | BankBranch | String | Y |
| 11 | Email | String | Y |
| 12 | Mobile1 | String | N |
| 13 | Mobile2 | String | N |
| 14 | Birthday | String (yyyy-MM-dd) | N |
| 15 | Address1 | String | N |
| 16 | Address2 | String | N |
| 17 | Address3 | String | N |
| 18 | PostCode | String | N |
| 19 | Remark | String | N |
| 20 | ActiveStatus | String (Y/N) | Y |
| 21 | CreatedBy | String | Y |
| 22 | RegisteredDate | String (yyyy-MM-dd HH:mm) | Y |

### Output Parameter

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Parameter** | **Type** | **Mandatory (Y/N)** |
| 1 | ResultCode | String | Y |
| 2 | ResultDescription | String | Y |

### Logic

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Form > To** | **Logic** | **Format** | **Period** |
| 1 | PDC > KES | Client Application need to send the customer information to KES for generate interface codc and create payment | JSON (Synchronize web service) | ANYTIME |

### Sample Input & Output

### Input

|  |
| --- |
| {  "AccountName":"String content",  "AccountNo":"String content",  "ActiveStatus":"String content",  "Address1":"String content",  "Address2":"String content",  "Address3":"String content",  "BankBranch":"String content",  "BankName":"String content",  "Birthday":"String content",  "CreatedBy":"String content",  "CustomerCode":"String content",  "Email":"String content",  "IndentityCardNo":"String content",  "Mobile1":"String content",  "Mobile2":"String content",  "Password":"String content",  "PostCode":"String content",  "RegisteredDate":"String content",  "Remark":"String content",  "SavingAccountNo":"String content",  "TokenString":"String content",  "User":"String content"  } |

### Output

|  |
| --- |
| {  "ResultCode":"String content",  "ResultDescription":"String content"  } |