

# TH Finance Customer Data Request

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## Technical Specification

**Prepared for:**

Nestle (Thailand) Ltd.

Finance Department

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## Version History

Version	Date	Author	Description
1.0	December 17, 2025	Nick Chamnong	Initial release

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## 1. Executive Summary

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The TH Finance Customer Data Request system is a Microsoft Power Platform solution that digitalizes Nestle Thailand's customer master data creation and approval process. The application enables Finance team members to submit, review, and approve customer data requests through a structured 7-stage workflow, ensuring data accuracy and compliance before integration with SAP.

Key deliverables include a comprehensive Canvas App with 7 screens, 7 Power Automate notification flows, integration with Microsoft Dataverse for data storage, and role-based access control supporting multiple approval levels. The solution is deployed to the FCL\_PROD environment as version 1.0.0.34 (managed solution).

## 2. Introduction

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### 2.1 Purpose

This Technical Specification document provides comprehensive technical details for IT administrators, developers, and support personnel responsible for maintaining and extending the TH Finance Customer Data Request system. It covers system architecture, data models, workflows, and configuration requirements.

### 2.2 Scope

#### In Scope

- Customer data request creation and management
- 7-stage approval workflow with role-based permissions
- Bilingual support (English/Thai) for address fields
- L6 Segmentation management
- Email notifications via Power Automate
- Integration with SAP field specifications
- Role and user management

#### Out of Scope

- Direct SAP system integration (handled by separate process)
- User authentication (managed by Microsoft Entra ID)
- Document management beyond file attachments

### 2.3 Definitions & Acronyms

Term	Definition
AR	Accounts Receivable - Finance team responsible for customer payment management
BU	Business Unit - Organizational division within Nestle Thailand
CS	Team responsible for shipping and delivery data (Delivery Priority, Shipping Conditions, Incoterms, Transport Zone)
L6 Segmentation	Customer classification system with 6-level hierarchy for sales categorization
NBS	Nestle Business Services - Shared services center for final processing
RM	Regional Manager - Sales approver role
Sales Support	Per-request role responsible for Marketing Detail, Sales View, and L6 Segmentation data entry (may be same person as Requester)
SAP	Enterprise Resource Planning system for financial and operational data

## 3. System Overview

### 3.1 System Architecture

The system is built on Microsoft Power Platform with the following components:

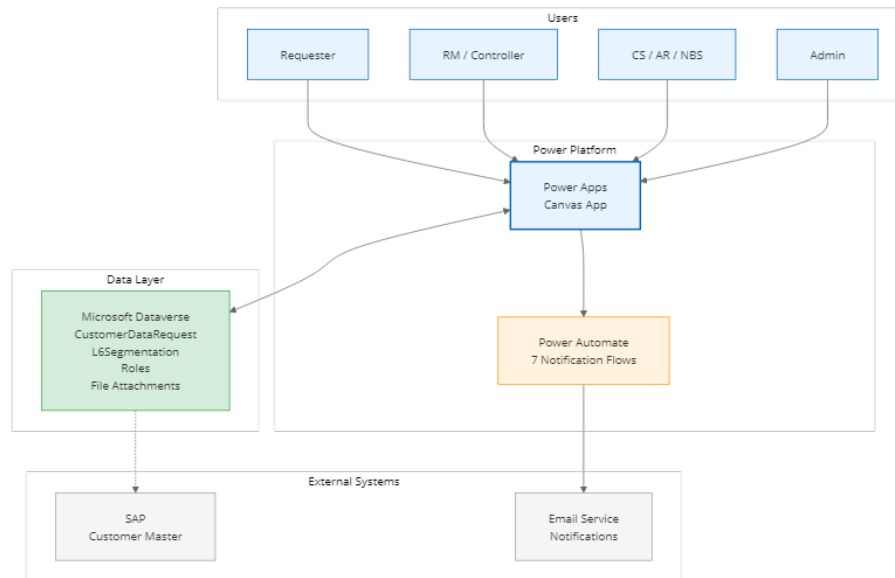


Figure 3-1: System Architecture

### Component Architecture

Component	Technology	Purpose
Frontend	Power Apps Canvas App (v3.25092.9)	User interface for request management
Backend	Microsoft Dataverse (v9.2.25084.163)	Data storage and business logic
Workflow	Power Automate Cloud Flows	Email notifications and automation
Authentication	Microsoft Entra ID	User authentication and authorization
File Storage	Dataverse File Column	Document attachments (10 MB limit per file)

## 3.2 Application Screens

Screen	Purpose	Key Features
scnDashboard	Main landing page and request overview	KPIs, workflow stage counts, recent activity, request list
scnRequest	Customer data request form	Multi-section form, approval buttons, status tracking
scnRole	User role management	Add/Edit/Remove user role assignments
scnL6Segmentation	L6 classification management	View/Add/Edit L6 segmentation records (shared table)
scnSettings	Application settings	User preferences and configuration
loadingScreen	Initial loading	App initialization and data preload
scnUnauthorized	Access denied	Display for unauthorized access attempts

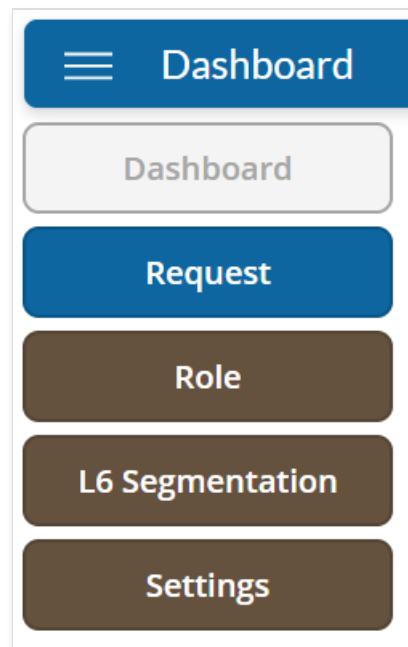


Figure 3-2: Application Navigation Menu

## 4. Functional Specifications

### 4.1 Request Form

#### 4.1.1 Purpose

The Request Form (scnRequest) is the primary interface for creating and managing customer data requests. It collects all necessary information for SAP customer master data creation across multiple sections.

#### 4.1.2 Form Sections

Figure 4-1: New Customer Request Form

Section	Fields	Responsible Role
Header	Request For, Account Group, BU, Controller, Sales Manager, Sales Support	Requester
Address Data	Legal Name (EN/TH), Branch, House No, Street, District, City, Province, Country, Postal Code, Tax ID	Requester
Sales Representative	Telephone, Fax, Email, Search fields	Requester
Marketing Detail	Vendor, Customer Class, Industry, Industry Code	Sales Support
Sales View	Sales Organization, Distribution Channel, Division, Sales District, Sales Office, Sales Group, Terms of Payment, L6 Segmentation	Sales Support
CS View	Delivery Priority, Shipping Conditions, Incoterms, Credit Control Area, Tax Classification, Transport Zone	CS Team
Company View	Company Code, Rec. Account, Cash Mgmt Group, Tolerance Group, Dunning, Withholding Tax	AR Team



Credit Management	Credit Limit, Risk Category, Credit Rep. Group, Customer Credit Group	AR Team
Attachments	File uploads (documents, images)	Requester

#### 4.1.3 Required Field Validation

The form enforces **36 required fields** (plus 3 AR conditional and 5 "Extend to" conditional) validated at different workflow stages. Fields are validated with red border styling when empty:

Figure 4-2: Required Field Validation Error

#### Validation by Workflow Stage

Stage	Fields Validated	Count
<b>Submit</b>	BU Controller, CS Manager, Sales Support, Attachment, Name1 (EN/TH**), Name3 (EN/TH**), Province, District, SubDistrict, PostalCode (EN/TH**), TaxID (EN/TH**), Country (EN/TH**), Telephone	18
<b>Sales Support Complete</b>	CustomerClass, Industry, IndustryCode, Sales Organization, Distribution Channel, Sales District, Sales Office, Terms of Payment, L6 Segmentation	9
<b>CS Complete</b>	Delivery Priority, Shipping Conditions, Incoterms, Transport Zone	4
<b>AR Complete</b>	Credit Limit, Risk Category, Credit Rep. Group, Customer Credit Group	4
<b>AR Complete (Sold to only)*</b>	Rec. Account, Cash Mgmt Group, Tolerance Group	3
<b>NBS Complete</b>	Customer No.	1

**Note:** Validation is enforced at each workflow stage. Draft saves are permitted without validation to allow partial data entry.

\*Fields marked "Sold to only" are conditionally required when Account Group = "Sold to" (367420000).

\*\*Thai (TH) fields are optional when Request For = "Extend to" (367420002): Name1\_th, Name3\_th, PostalCode\_th, TaxID\_th, Country\_th.

## 4.2 Approval Workflow

### 4.2.1 7-Stage Workflow

The approval process follows a sequential 7-stage workflow:

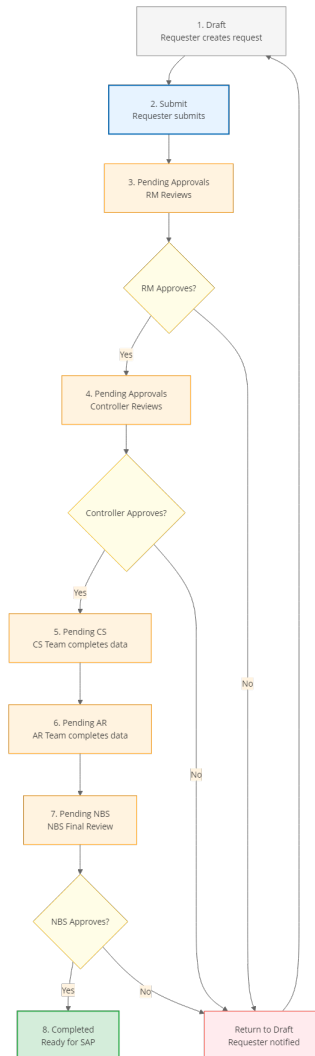
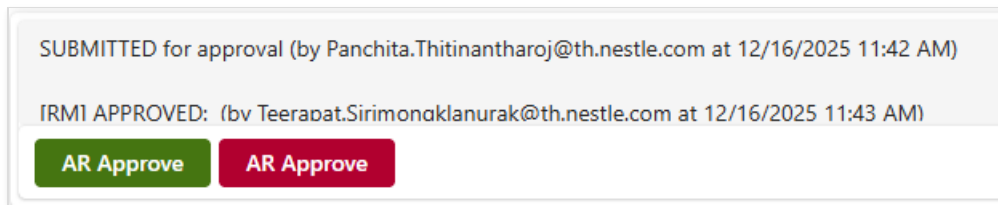


Figure 4-2: 7-Stage Approval Workflow

Stage	Status	Status Code	Action Required
1. Draft	Draft	367420000	Requester completes form and submits
2. Pending Approvals	Pending Approvals	367420002	RM reviews and approves/denies
3. Pending Controller	Pending Approvals	367420002	Controller reviews and approves/denies
4. Pending CS	Pending CS	367420004	CS team completes their section
5. Pending AR	Pending AR	676180001	AR team completes accounting data
6. Pending NBS	Pending NBS	676180002	NBS performs final review
7. Completed	Completed	676180003	Request ready for SAP processing

#### 4.2.2 Approval Buttons



SUBMITTED for approval (by Panchita.Thitinantharoj@th.nestle.com at 12/16/2025 11:42 AM)

IRM1 APPROVED: (by Teerapat.Sirimongklanurak@th.nestle.com at 12/16/2025 11:43 AM)

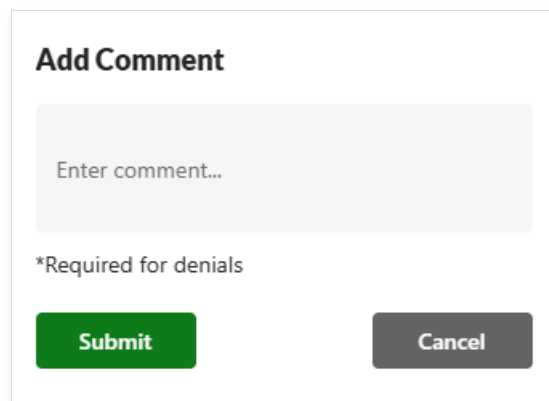
AR Approve AR Approve

Figure 4-3: AR Approval Buttons

#### 4.2.3 Denial Workflow

When any approver denies a request:

- Request status returns to **Draft** (367420000)
- Comment dialog requires denial reason
- Denial comment is appended to RequestComment field with timestamp
- Original requester is notified via email
- Requester can edit and resubmit



**Add Comment**

Enter comment...

\*Required for denials

Submit Cancel

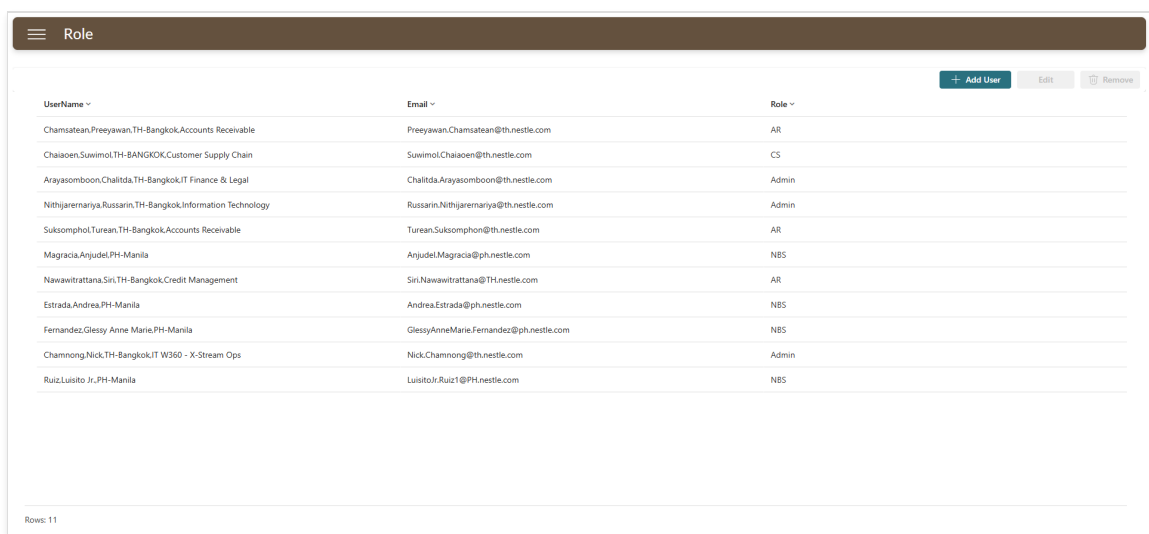
Figure 4-4: Denial Comment Dialog

## 4.3 Role Management

### 4.3.1 Global Roles

Global roles are assigned at the application level and determine system-wide permissions:

Role	Permissions
Admin	Full access to all requests, can impersonate any role, manage users and L6 data
CS	View all requests, edit CS View section, approve CS stage
AR	View all requests, edit Company View and Credit Management, approve AR stage
NBS	View all requests, perform final approval, complete workflow



The screenshot shows a web interface for role management. At the top, there's a header bar with a menu icon and the word "Role". Below the header, there's a table with three columns: "UserName", "Email", and "Role". The table contains 11 rows of user data. To the right of the table, there are three buttons: "+ Add User", "Edit", and "Remove". At the bottom left of the table, it says "Rows: 11".

UserName	Email	Role
Chamsatean,Preeyawan,TH-Bangkok,Accounts Receivable	Preeyawan.Chamsatean@th.nestle.com	AR
Chaisaen,Suwimol,TH-BANGKOK,Customer Supply Chain	Suwimol.Chaisaen@th.nestle.com	CS
Arayasomboon,Chalida,TH-Bangkok,IT Finance & Legal	Chalida.Arayasomboon@th.nestle.com	Admin
Nithjaremaraya,Russarin,TH-Bangkok,Information Technology	Russarin.Nithjaremaraya@th.nestle.com	Admin
Suksomphon,Turean,TH-Bangkok,Accounts Receivable	Turean.Suksomphon@th.nestle.com	AR
Magracia,Arjudel,PH-Manila	Arjudel.Magracia@ph.nestle.com	NBS
Nawawitrattana,Siri,TH-Bangkok,Credit Management	Siri.Nawawitrattana@th.nestle.com	AR
Estrada,Andrea,PH-Manila	Andrea.Estrada@ph.nestle.com	NBS
Fernandez,Glessy Anne Marie,PH-Manila	GlessyAnneMarie.Fernandez@ph.nestle.com	NBS
Chamnong,Nick,TH-Bangkok,IT W360 - X-Stream Ops	Nick.Chamnong@th.nestle.com	Admin
Ruiz,Luisito Jr.,PH-Manila	LuisitoJr.Ruiz1@PH.nestle.com	NBS

Figure 4-5: Role Management Screen

### 4.3.2 Record-Specific Roles

These roles are determined per-request based on email assignments:

Role	Field	Permissions
Requester	CreatedBy	Create requests, edit during Draft, resubmit after denial
Sales Support	SalesSupportEmail	Edit Marketing Detail, Sales View, L6 Segmentation
RM	SalesManagerEmail	Approve/Deny at RM stage
Controller	BUControllerEmail	Approve/Deny at Controller stage

## 5. Technical Details

### 5.1 Power Automate Flows

The solution includes 7 notification flows that trigger on status changes:

Flow Name	Trigger Condition	Purpose	Recipients
THFinanceCustomerDataSubmitNotification	cr76f_status eq 367420002	Notify stakeholders of new submission	Sales Support, RM, Controller
THFinanceCustomerDataControllerNotification	cr76f_status eq 367420004	Secondary CS notification (misnamed in solution)	CS Team
THFinanceCustomerDataCSNotification	cr76f_status eq 367420004	Notify CS team for data entry	CS Team
THFinanceCustomerDataARNotification	cr76f_status eq 676180001	Notify AR team for accounting data	AR Team
THFinanceCustomerDataNBSNotification	cr76f_status eq 676180002	Notify NBS for final processing	NBS Team
THFinanceCustomerDataCompleteNotification	cr76f_status eq 676180003	Notify all parties of completion	All stakeholders
THFinanceCustomerDataDeniedNotification	cr76f_status eq 367420000 AND contains(nc_requestcomment, 'DENIED')	Notify requester of denial	Requester

#### 5.1.2 Flow Details

All flows share common characteristics:

- **Trigger:** Dataverse "When a row is added, modified or deleted" webhook
- **Connections:** Dataverse, Office 365 Outlook, Microsoft Teams
- **Environment Mode:** Production/Development switch via environment variable
- **Email From:** THARCustomerMasterData@TH.nestle.com

#### Environment Variables

Variable	Schema Name	Purpose
Applink	nc_Applink	Deep link URL to open specific request in app
PA Test Notification Email	nc_PATestNotificationEmail	Redirect all emails to test address in Development mode
PA Current Environment Mode	nc_PACurrentEnvironmentMode	Production or Development mode switch

### Flow Actions (Submit Notification Example)

1. Trigger: Status changes to 367420002 (Pending Approvals)
2. Get full record details from Dataverse
3. Check Environment Mode (Production/Development)
4. If Production:
  - Send email to Sales Support (cr7bb\_salessupportemail)
  - Post Teams card to Sales Support
  - Send email to Controller (cr76f\_bucontrolleremail)
  - Post Teams card to Controller
  - Send email to RM (cr76f\_salesmanageremail)
  - Post Teams card to RM
5. If Development: Send all emails to test address

## 5.2 Data Schema

### 5.2.1 Core Entities

#### CustomerDataRequest Entity

**Table Name:** cr76f\_THFinanceCustomerDataCustomerDataRequest

**Purpose:** Primary table storing all customer data request records

**Record Count:** Active requests (production varies)

Field Name	Type	Required	Description
cr76f_RequestNo	nvarchar(100)	Auto	Auto-generated request number (R-XXXXX)
cr76f_Status	picklist	Yes	Current workflow status
cr76f_Name1_en	nvarchar(100)	Yes	Legal name (English)
cr76f_Name1_th	nvarchar(100)	Yes	Legal name (Thai)
cr76f_RequesterEmail	nvarchar(100)	Auto	Email of request creator
cr76f_BUControllerEmail	nvarchar(100)	Yes	Controller email for approval
cr76f_SalesManagerEmail	nvarchar(100)	Yes	RM email for approval
cr7bb_SalesSupportEmail	nvarchar(100)	Yes	Sales Support email
nc_L6Segmentation	lookup	Yes	Reference to L6 classification

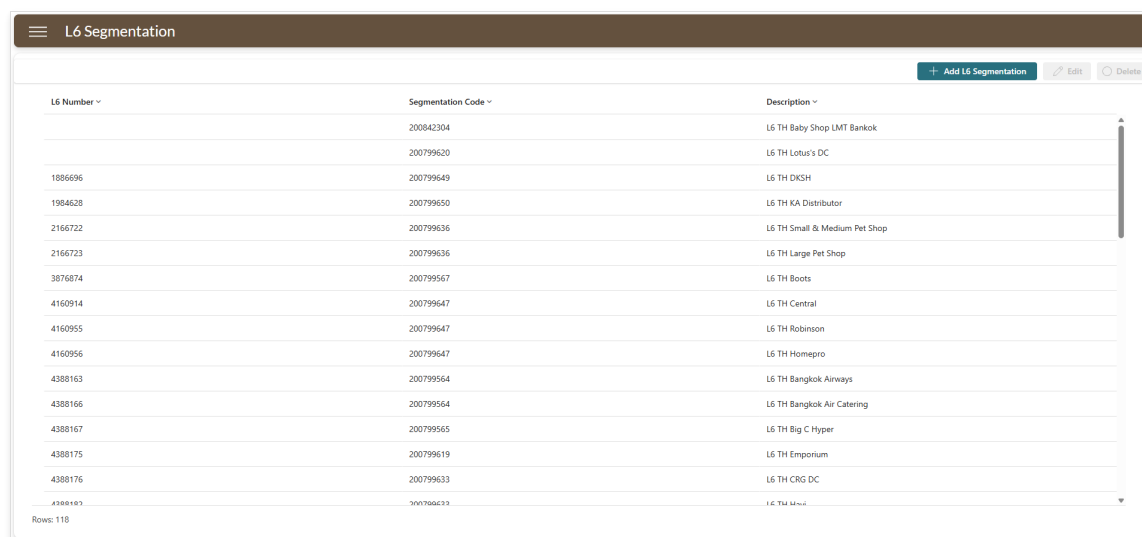
**Note:** The CustomerDataRequest entity contains 60+ additional fields for SAP integration. See DATABASE\_SCHEMA.md for complete reference.

#### L6Segmentation Entity

**Table Name:** nc\_THFinanceCustomerDataL6Segmentation

**Purpose:** Customer classification lookup table (shared across applications)

**Record Count:** 118 records



The screenshot shows a web application interface for "L6 Segmentation". It features a table with three columns: "L6 Number", "Segmentation Code", and "Description". The table contains 118 records, with the first few rows visible. At the top right of the table, there are buttons for "Add L6 Segmentation", "Edit", and "Delete". At the bottom left, it says "Rows: 118".

L6 Number	Segmentation Code	Description
	200842304	L6 TH Baby Shop LMT Bankok
	200799620	L6 TH Lotus's DC
1886696	200799649	L6 TH DKSH
1904628	200799650	L6 TH KA Distributor
2166722	200799636	L6 TH Small & Medium Pet Shop
2166723	200799636	L6 TH Large Pet Shop
3876874	200799567	L6 TH Boots
4160914	200799647	L6 TH Central
4160955	200799647	L6 TH Robinson
4160956	200799647	L6 TH Homepro
4388163	200799564	L6 TH Bangkok Airways
4388166	200799564	L6 TH Bangkok Air Catering
4388167	200799565	L6 TH Big C Hyper
4388175	200799619	L6 TH Emporium
4388176	200799633	L6 TH CRG DC
4388183	200799633	L6 TH M&M

Figure 5-1: L6 Segmentation Management

Field Name	Type	Required	Description
nc_l6number	nvarchar(850)	Yes	L6 classification number (e.g., "912080")
nc_segmentationcode	nvarchar(100)	No	9-digit segmentation code (e.g., "200799650")
nc_description	nvarchar(100)	No	L6 classification description

## Geographic Entities

Thailand geographic hierarchy for address selection:

Entity	Table Name	Fields
THProvince	cr76f_THProvince	ProvinceCode, Name_EN, Name_TH
THDistrict	cr76f_THDistrict	DistrictCode, Name_EN, Name_TH, Province (lookup)
THSubDistrict	cr76f_THSubDistrict	SubDistrictCode, Name_EN, Name_TH, Province, District (lookups)

### 5.2.2 Choice/Picklist Values

All choice fields and their available options:

#### Request Status (cr76f\_requeststatus)

Code	Label
367420000	Draft
367420001	Submitted
367420002	Pending Approvals
367420003	Pending Sales Support
367420004	Pending CS
676180001	Pending AR
676180002	Pending NBS
676180003	Completed

#### Account Group

Code	Label
367420000	Sold to
367420001	Ship to
367420002	Ship to - Agent (WT)
367420003	Ship to - DC (WT)
367420004	Ship to - Customer (WT)

#### Sales Organization (cr7bb\_salesorganization)

Code	Label
676180000	TH18 NTH
676180001	TH15 QCP

#### Distribution Channel (cr7bb\_distributionchannelchoice)

Code	Label
676180000	01 Retail
676180001	02 Out of Home
676180002	04 Nestle Aff.
676180003	05 Export 3 Parties



676180004	01,02
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#### Sales District (cr7bb\_salesdistrictchoice)

Code	Label
676180000	TH0001 Bangkok DA
676180001	TH0002 Modern Trade
676180002	TH0003 Central East
676180003	TH0004 North East
676180004	TH0005 North
676180005	TH0006 South
676180006	TH0007 Central West
676180007	TH0008 CVS
676180008	TH0009 Export
676180009	TH0010 Other

#### Sales Office (cr7bb\_salesofficechoice)

Code	Label
676180000	TH01 TH Srinakarin DC
676180001	TH03 TH On-nuch Office
676180002	TH04 TH Bangkok DA
676180003	TH05 TH Modern Trade
676180004	TH06 TH Central East
676180005	TH07 TH North East
676180006	TH08 TH North
676180007	TH09 TH South
676180008	TH10 TH Central West
676180009	TH11 TH CVS
676180010	TH12 TH Export
676180011	TH13 TH Amata
676180012	TH14 TH HOD
676180013	TH15 TH Wangnoi DC
676180014	TH16 TH Surat DC

**Delivery Priority (cr7bb\_deliveryprioritychoice)**

Code	Label
676180000	3 CP + eCommerce
676180001	4 Makro + Lotus's + BigC + TOPS
676180002	5 TT (LTP Customers) ->NDP
676180003	6 Jiffy, Sun 108, CJ Express, Siam DCM
676180004	7 Other CVS and MT Supermarket
676180005	8 DKSH
676180006	9 Other TT/ Semi Wholesaler
676180007	99 Export, Others

**Rec. Account (cr7bb\_recaccountchoice)**

Code	Label
676180000	1046000 Local Customers
676180001	1046020 Foreign Customers
676180002	1046050 Customer Down Payments
676180003	1048240 Other Receivables (AR)
676180004	1050000 Intra Group (Affiliate)

**Tax Classification (cr7bb\_taxcchoice)**

Code	Label
676180000	1 = Vat 7%
676180001	0 = Vat 0% ด่วน.

**ALW in SAP (WT)**

Code	Label
367420000	3.65
367420001	2

**5.2.3 Complete Field Reference**

All CustomerDataRequest fields with validation requirements:

**Header Section Fields**

Field	Schema Name	Type	Max Length	Required
-------	-------------	------	------------	----------

Request For	cr76f_RequestFor	picklist	-	No
Account Group	cr76f_AccountGroup	picklist	-	No
BU	cr76f_BU	picklist	-	No
BU Controller	cr76f_BUControllerEmail	ComboBox	100	Submit
CS Manager	-	ComboBox	100	Submit
Sales Support	cr76f_SalesSupportEmail	ComboBox	100	Submit
RM Email	cr76f_SalesManagerEmail	nvarchar	100	No

#### Address Fields (English)

Field	Schema Name	Type	Max Length	Required
Name 1	cr76f_Name1_en	nvarchar	35	Submit
Name 2	cr76f_Name2_en	nvarchar	35	No
Name 3	cr76f_Name3_en	nvarchar	35	Submit
Name 4	cr76f_Name4_en	nvarchar	35	No
House No	cr76f_HouseNo_en	nvarchar	10	No
Street	cr76f_Street_en	nvarchar	100	No
Street 2	cr76f_Street2_en	nvarchar	35	No
Street 3	cr76f_Street3_en	nvarchar	35	No
Street 4 (SubDistrict)	cr76f_Street4_en	nvarchar	35	Submit
Street 5	cr76f_Street5_en	nvarchar	35	No
District	cr76f_District_en	nvarchar	100	Submit
City (Province)	cr76f_City_en	nvarchar	100	Submit
Country	cr76f_Country_en	nvarchar	100	Submit
Postal Code	cr76f_PostalCode_en	nvarchar	100	Submit
Tax ID	cr76f_TaxID_en	nvarchar	13	Submit
Search 1	cr76f_Search1	nvarchar	10	No
Search 2	cr76f_Search2	nvarchar	10	No

#### Address Fields (Thai)

**Note:** Fields marked "Submit\*\*" are optional when Request For = "Extend to".

Field	Schema Name	Type	Max Length	Required
-------	-------------	------	------------	----------

ชื่อ 1	cr76f_Name1_th	nvarchar	35	Submit**
ชื่อ 2	cr76f_Name2_th	nvarchar	35	No
ชื่อ 3	cr76f_Name3_th	nvarchar	35	Submit**
ชื่อ 4	cr76f_Name4_th	nvarchar	35	No
บ้านเลขที่	cr76f_HouseNo_th	nvarchar	10	No
ถนน	cr76f_Street_th	nvarchar	100	No
อาคาร/หมู่บ้าน/ซอย	cr76f_Street2_th	nvarchar	35	No
ตำบล/แขวง	cr76f_Street3_th	nvarchar	35	No
อำเภอ/เขต	cr76f_Street4_th	nvarchar	35	No
ประเทศ	cr76f_Country_th	nvarchar	35	Submit**
รหัสไปรษณีย์	cr76f_PostalCode_th	nvarchar	35	Submit**
เลขประจำตัวผู้เสียภาษี	cr76f_TaxID_th	nvarchar	13	Submit**
โทรศัพท์	cr76f_Telephone	nvarchar	100	Submit

#### Sales View Fields

Field	Schema Name	Type	Max Length	Required
Sales Organization	cr7bb_salesorganization	picklist	4	Sales Support
Distribution Channel	cr7bb_distributionchannel	picklist	5	Sales Support
Sales District	cr7bb_salesdistrict	picklist	6	Sales Support
Sales Office	cr7bb_salesoffice	picklist	4	Sales Support
Terms of Payment	-	ComboBox	-	Sales Support
L6 Segmentation	nc_L6Segmentation	lookup	-	Sales Support
Vendor	cr7bb_vendor	nvarchar	100	No
Customer Class	nc_CustomerClass	nvarchar	100	Sales Support
Industry	nc_Industry	nvarchar	100	Sales Support
Industry Code	nc_IndustryCode	nvarchar	100	Sales Support
Partner Function	cr7bb_partnerfunction	nvarchar	100	No
Partner Function Number	cr7bb_partnerfunctionnumber	nvarchar	100	No
Set Link to Sold	cr7bb_SetLinkToSold	nvarchar	100	No
Propose Target	cr7bb_ProposeTarget	nvarchar	100	No

#### CS View Fields

Field	Schema Name	Type	Max Length	Required
Delivery Priority	cr7bb_DeliveryPriority	picklist	-	CS Complete
Shipping Condition	cr7bb_ShippingCondition	picklist	-	CS Complete
Incoterms	cr7bb_Incoterms	nvarchar	100	CS Complete
Incoterms Location	cr7bb_Incoterms1	nvarchar	100	No
Transport Zone	-	nvarchar	100	CS Complete
Tax Classification	cr7bb_TaxC	picklist	-	No
Rebate	cr7bb_Rebate	picklist	-	No
Price Determin	cr7bb_PriceDetermin	picklist	-	No
Payment Condition	cr76f_PaymentCondition	nvarchar	100	No

### Company View Fields (AR)

**Conditional Validation:** Fields marked "AR (Sold to only)" are only validated when Account Group = "Sold to" (367420000). For other account groups, these fields are optional.

Field	Schema Name	Type	Max Length	Required
Company Code	-	nvarchar	4	Yes
Rec. Account	-	picklist	10	AR (Sold to only)
Cash Mgmt Group	-	nvarchar	10	AR (Sold to only)
Tolerance Group	-	nvarchar	4	AR (Sold to only)
Dunning Clerk	-	nvarchar	2	Yes
Acctg Clerk	-	nvarchar	3	Yes
Bank Statement	-	nvarchar	2	Yes
Clerk's Fax	-	nvarchar	3	Yes
Clerk's Interest	-	nvarchar	100	Yes
Billing Condition	cr76f_BillingCondition	nvarchar	100	No
Payment Method	cr76f_PaymentMethod	picklist	-	No

### Credit Management Fields

Field	Schema Name	Type	Max Length	Required
Credit Limit	-	nvarchar	100	AR Complete
Risk Category	-	nvarchar	100	AR Complete

Credit Rep. Group	-	nvarchar	100	AR Complete
Customer Credit Group	-	nvarchar	100	AR Complete

#### NBS Fields

Field	Schema Name	Type	Max Length	Required
Customer No.	cr76f_CustomerNo	nvarchar	100	NBS Complete

#### Contact Fields

Field	Schema Name	Type	Max Length	Required
Telephone Ext	cr76f_TelephoneExt	nvarchar	100	No
Fax	cr76f_Fax	nvarchar	100	No
Requester Email	cr76f_RequesterEmail	nvarchar	100	Auto
Requester Telephone	cr76f_RequesterTelephone	nvarchar	100	No

**Validation Note:** 36 required fields (plus 3 AR conditional and 5 "Extend to" conditional) are validated across workflow stages (Submit: 18, Sales Support: 9, CS: 4, AR: 4 + 3 conditional, NBS: 1). Draft saves are permitted without validation. Character limits are based on SAP field specifications.

## 6. Configuration

### 6.1 Environment Variables

Variable	Value	Description
PA Current Environment Mode	Production / Development	Controls test vs production behavior
PA Test Notification Email	[test email address]	Redirect notifications in test mode
Applink (nc_Applink)	[production app URL]	App URL for email notification links

### 6.2 Security Roles

Dataverse security roles required for application access:

Security Role	Target Users	Privileges
Finance User (Standard)	All Finance team members	Read/Write to CustomerDataRequest, Read to lookup tables
Finance Admin	System administrators	Full access to all entities including Role and RoleAssignment

**Important:** Users must have both a Dataverse security role AND an application role assignment to access full functionality.

## 7. Appendices

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### Appendix A: Status Codes Reference

Code	Status Name	Description
367420000	Draft	Initial state, editable by requester
367420001	Submitted	Submitted, awaiting initial processing
367420002	Pending Approvals	Awaiting RM/Controller approval
367420003	Pending Sales Support	Reserved for future use
367420004	Pending CS	Awaiting CS team input
676180001	Pending AR	Awaiting AR team input
676180002	Pending NBS	Awaiting NBS final processing
676180003	Completed	Workflow complete, ready for SAP

### Appendix B: Solution Package Information

Property	Value
Solution Name	THFinanceCustomerDataRequest
Version	1.0.0.34
Type	Managed
Publisher	Nestle
Environment	FCL_PROD
Canvas App Version	v3.25092.9
Dataverse Version	v9.2.25084.163