PCM MICROSERVICES

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# 

# INTRODUCTION

## Document Purpose

The document has been produced to provide detail and context around the migration of the current monolithic architecture of the PCM system to Microservices architecture.

# Approach

## Domain Driven Design

using object model first approach:

* Data presentation.
* How Data is divided into tables.
* How tables related to each other.
* Identify Models based on real word models

# Defining Domain Models

## Following the alphabetical order of the PCM schema tables

## Account Domain

The account domain comprises the following tables

* tblAccount
* tblAccountHistory
* tblAccountType
* tblAccountNonePostalConfirmation

## Sub Domains

* tbleCounterpartyDetails
* tblSettlmenetInstruction
* tblInboundMessage
* tblTrader
* tblUser

## Affirmation Domain

The affirmation domain comprises the following tables

* tblAffirmation
* tblAffirmationComment
* tblAffirmationStatus

## Sub Domains

* tblCommentType
* tblCounterParty
* tblUser

## Auto Matching Cash Flow

The affirmation domain comprises the following tables

* tblAffirmation
* tblAffirmationComment
* tblAffirmationStatus

## Sub Domains

* tblCommentType
* tblCounterParty
* tblUser