

Case Study Report

Odoo Retail Management System

Retail / Multi-Store Operations

Odoo ERP + POS

Centralized store-side POS and back-office retail operations for KRS Retail Solutions



Prepared by SDLC CORP
A4 portrait business report

Table of Contents

A concise product and operations report aligned to the delivered Odoo retail solution.

01	Client and context
02	Executive summary
03	Baseline challenges and constraints
04	Objectives and success criteria
05	Solution overview
06	Solution architecture
07	Platform capabilities
08	Delivery approach and implementation model
09	Business impact and operational outcomes
10	Governance and day-to-day usage
11	Lessons learned and next steps

Report focus

- Operational control
- Connected retail workflows
- Governed administration
- Practical store usability

Design basis

Built in A4 portrait format with a clean business-report template inspired by the uploaded references.

Client and Context

The project required one retail platform that balanced fast checkout execution with stronger management visibility and standardized workflows.

Retail / Multi-Store Operations

Phased implementation

Client
KRS Retail Solutions

Technology
Odoo ERP, POS, and back-office modules

Scale
Store operations, cashiers, and managers

Core need
Connect store-side execution with back-office control

Project snapshot

- Front-counter billing and payment handling had to stay simple for cashiers.
- Stock, purchasing, reporting, and configuration needed tighter operational alignment.
- The target state was one shared system for store teams and managers.

Why it mattered

- More consistent store operations
- Better visibility for managers
- Governed setup across locations

Context at a glance

Operating model	Multi-store retail operations with store-side POS and back-office management needs
Users served	Cashiers, store staff, managers, and administrators
Workflow span	Checkout, stock awareness, purchasing, reporting, reconciliation, and store controls
Delivery approach	Phased rollout centered on practical daily usage and standardization

Executive Summary

SDLC CORP delivered a centralized Odoo-based retail management system that links transaction execution, stock awareness, reporting, and administration in one operating model.

What we built

Centralized billing, payments, inventory, purchasing, dashboards, reporting, loyalty support, employee management, and store configuration.

Who it serves

Cashiers use fast checkout flows while managers rely on oversight tools, reports, stock awareness, and administrative controls.

Why it matters

Operational control improves when store-side actions and back-office processes run from the same governed platform.

Connected operating flow



Operational value summary

- Treats POS as part of a wider retail operating system instead of a stand-alone billing tool.
- Creates a shared source of truth for store teams, managers, and administrators.
- Improves consistency across checkout, reconciliation, stock control, and reporting.

Baseline Challenges and Constraints

The starting point was a fragmented retail setup where billing, inventory, purchasing, reporting, and employee workflows were handled in separate or loosely connected processes.

Key pain points

- Disconnected workflows between POS, inventory, purchasing, and reporting.
- Limited visibility into stock movement, low-stock alerts, and receiving adjustments.
- Operational gaps between cashier activity, reconciliation, and management oversight.

Delivery constraints

Front-counter speed could not be compromised.

Managers needed better oversight without extra manual work.

Permissions and setup had to support standardization.

What the solution had to balance

Transaction speed

Simple cashier interactions for fast checkout and payment handling.

Control & visibility

Live insight into stock, reports, and operational activity.

Governance

Role-based permissions and configurable store-level administration.

Constraint summary

The platform could not be designed as a narrow POS upgrade. It needed to connect checkout execution with downstream control, reporting, and standardized administration so stores could operate from one shared system.

Objectives and Success Criteria

The goal was to build one Odoo environment that simplified retail execution while improving consistency, visibility, administrative control, and day-to-day usability.

01

Standardize checkout

Configured billing and multi-payment handling for consistent store-side execution.

02

Improve stock visibility

Support replenishment awareness, receiving updates, and clearer item status.

03

Centralize transactions

Create shared logs for reporting, reconciliation, and managerial oversight.

04

Enable governed control

Use role-based permissions and configurable store settings across teams.

How success is interpreted in this report

- Practical usability for both front-line users and managers.
- Evidence of connected workflows across POS, stock, reporting, and administration.
- Governed operating patterns rather than isolated transaction features.

Report note

This report does not add unverified performance metrics. It focuses on the delivered workflows, the operating model, and the governance approach evident in the case study materials.

Solution Overview

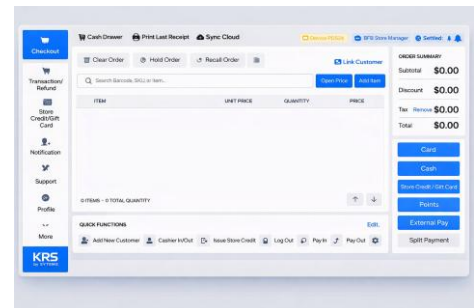
The delivered Odoo retail platform connects store-side execution with back-office workflows in one shared environment.

Checkout**Payments****Returns****Reporting****Administration**

Delivered scope

- POS checkout and billing
- Multiple payment methods
- Refund and return management
- Receipt printing and cloud sync
- Dashboards, reports, and configuration workflows

Representative screen



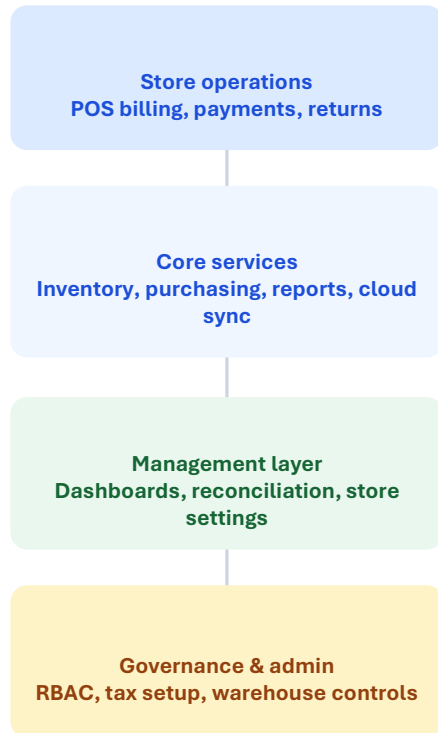
Why this structure works

- The system behaves like one retail operating model rather than a narrow billing tool.
- Store-side transactions stay tied to stock, administration, and reporting workflows.
- Managers gain more consistent oversight across operational activities.

Solution Architecture

The platform is best understood as a modular Odoo structure built after mapping the checkout-to-reconciliation flow.

Architecture layers



Representative dashboard view



Architecture principle

- Process mapping starts at checkout and continues through reconciliation and reporting.
- Modular Odoo services let store functions and back-office controls stay connected.
- The design prioritizes cashier speed, permissions, and standardization across operations.

Platform Capabilities

The delivered modules can be grouped into four practical areas that show how the system supports daily retail work.

Store Side

- Checkout and billing
- Multiple payment methods
- Refunds, returns, and receipt printing

Back Office Management

- Sales dashboards
- Sales and activity reports
- Operations reporting

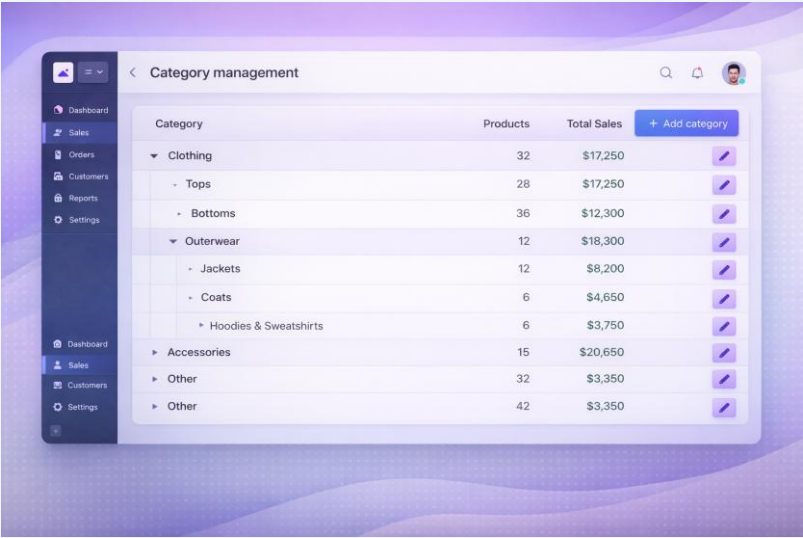
Item Management

- Product and item management
- Category management
- Field and value configuration

Settings & Administration

- Store information
- Tax and warehouse setup
- Item configuration controls

Representative module view



Capability design intent

Each capability area supports a specific part of the retail operating cycle while remaining connected through the same platform.

Delivery Approach and Implementation Model

The case study describes a phased implementation. In report form, that can be read as a staged rollout from process discovery through standardization.

Illustrative rollout sequence

1

Discovery and process mapping

Map POS, stock, purchasing, reporting, and reconciliation flows.

2

Core configuration

Set up store-side billing, payments, and base transaction handling.

3

Reporting and controls

Roll out dashboards, item management, and admin capabilities.

4

Operational refinement

Standardize day-to-day store processes and governance patterns.

5

Phased adoption

Extend usage across teams while keeping the operating model consistent.

Delivery principle

Treat retail execution and operational governance as part of the same product design problem.

What phased delivery enables

Start with checkout-critical flows, then expand into reporting, administration, and standardized operating patterns.

Implementation note

Because the source describes the rollout at high level, this timeline is used only to make the delivery model readable - not to add unsupported detail.

Business Impact and Outcomes

The clearest outcome is stronger operational control because store-side actions and back-office tasks now run through one configurable system.

Before vs. after operating model

Metric area	Before	After
Checkout & payment	Manual or inconsistent rules	Configured POS workflow
Refund & reconciliation	Manual cross-checks	Centralized transaction logs
Stock visibility	Delayed updates	Low-stock alerts and receiving adjustments

Outcome themes

- Reduced manual coordination between store-side and back-office work.
- Stronger basis for management oversight and store governance.
- More consistent retail execution across teams and settings.

Retail operations context



Practical business value

The project improves daily retail execution by keeping transactions, stock visibility, reports, and store controls aligned in one system.

Governance and Day-to-Day Usage

Governance is a core part of the platform, with controlled permissions, configurable settings, and store-level administration designed for routine operational use.

Governance controls

- Role-based access for controlled permissions and decision rights.
- Store-specific configuration inside a centralized structure.
- Tax, warehouse, and item setup managed through administration workflows.
- More standardized operating patterns across locations and teams.

Role view

Cashiers	Checkout, payments, returns, receipts
Store staff	Inventory actions and item handling
Managers	Dashboards, reports, and operational oversight
Admins	Configuration, tax, warehouse, and permissions

Operationalization in daily work

Cashier workflow

Use the system for billing, payment handling, returns, and receipts.

Store management

Monitor dashboards, reports, stock awareness, and settings.

Administrative continuity

Keep configuration and governance tied to the same operating platform.

Lessons Learned and Next Steps

The project shows how a modular ERP approach can improve transaction efficiency while still preserving administrative control and operational flexibility.

Lessons learned

- Retail POS works best when connected to back-office workflows rather than treated as a separate tool.
- Operational visibility matters alongside billing speed, especially where stock movement affects service quality.
- Permissions and configuration controls are essential in multi-store environments.
- A modular ERP structure can balance speed, flexibility, and governance.

Roadmap direction

- Expand dashboards for store, product, and transaction trends.
- Increase automation around purchasing and replenishment decisions.
- Refine loyalty reporting and customer activity visibility.
- Add more templates and controls for multi-location standardization.

Final takeaway

The most important outcome is not just better POS execution. It is the ability to run retail work from a single governed environment where checkout, stock, reporting, and store controls reinforce each other.

Retail systems work best when the store and back office operate as one.

This report template was created in A4 portrait format using only the uploaded image resources and a theme inspired by #2563EB and #0C0B1D.

Prepared for next refinement

Footer URL placeholder added on every page:
sdiccorp.com

You can now replace that with the final PNG
footer mark if needed.

Primary deliverable

Odoo Retail Management System
Business / product case study deck