

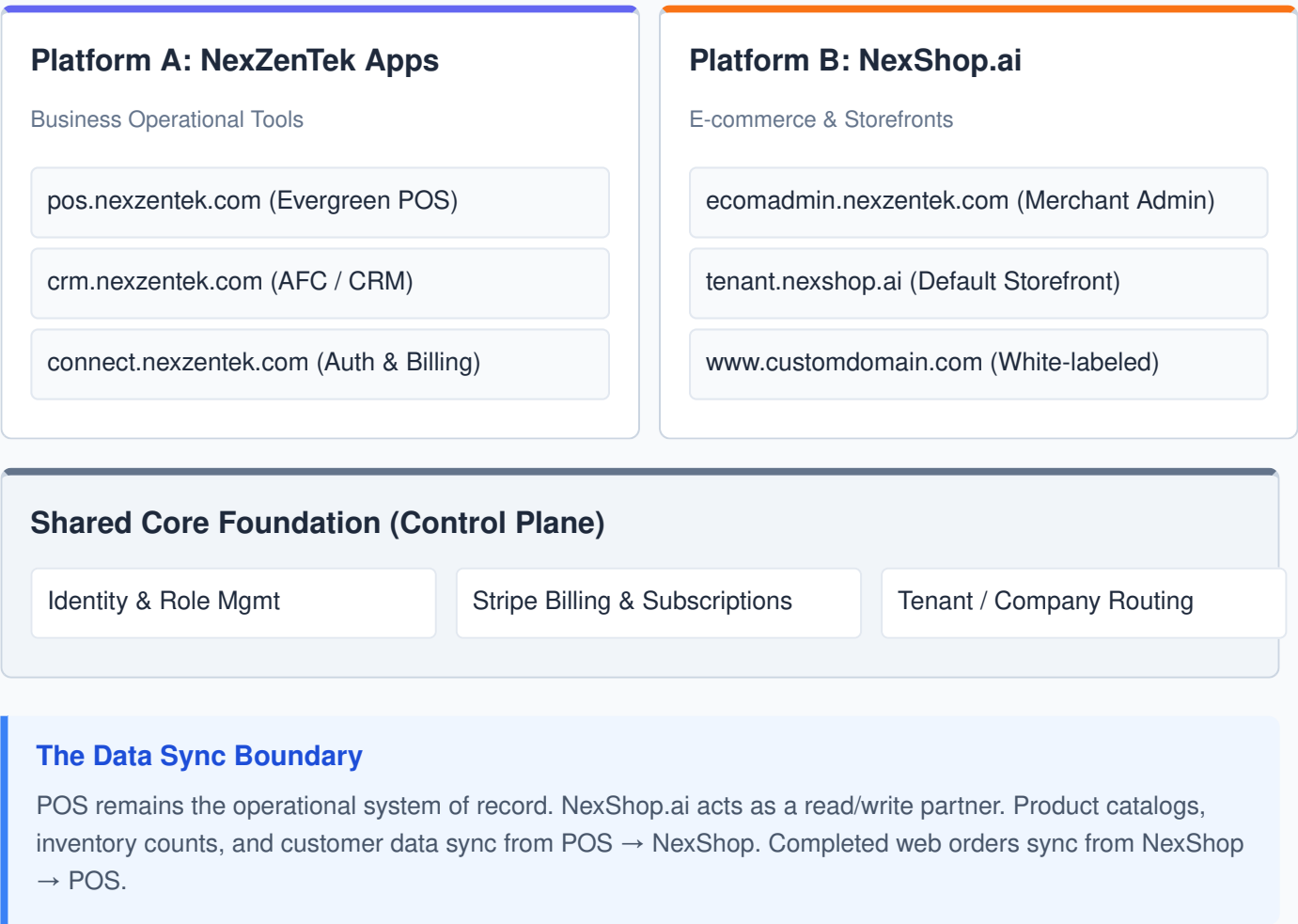
Nexzentek Ecosystem

System Architecture, Workflows, and UX Wireframes

This document details the architectural evolution and UX strategy for the Nexzentek ecosystem, incorporating the shift from a monolithic dashboard to a **"One Foundation, Two Platforms"** model. It covers structural routing, onboarding paths (including the PointOS-style Control Plane), and high-fidelity wireframe mappings.

1. Platform Architecture & Domains

The ecosystem is divided into two functionally distinct platforms that share a single underlying identity, billing, and tenant management foundation. This decoupled approach allows independent deployment cycles while maintaining a unified customer experience.



| 2. Tiered Onboarding & Provisioning Flow

Reconciling the "Instant Checkout" vision with the "PointOS Admin Review" requirement yields a Tiered Provisioning model. Standard plans auto-provision; Enterprise or High-Risk plans require Admin approval.

1

Customer Discovery & Selection

User selects plan on public site. For NexShop.ai, they input their desired store name (slug preview).

2

Checkout & Identity Creation

User completes payment. Core identity and Company record are created instantly in the Foundation layer.

3

Provisioning Router (The Fork)

Path A (Standard Plans): Auto-provisions POS/Storefront instantly. Redirects to onboarding.

Path B (Enterprise/Custom): Flags status as "Pending Review." Admin notified. User sees "Setting up workspace" screen.

4

Admin Control Plane (If Path B)

Nexzentek Super Admin reviews request in Admin Portal, clicks "Approve & Provision". Webhook triggers instance creation.

| 3. UX & UI Wireframes

A. Unified Authentication & Company Switcher

Because users may manage multiple businesses or have access to both Nexzentek POS and NexShop.ai, the login resolves their identity and asks them to select their workspace before routing them to the correct subdomain.



connect.nexzentek.com/login

Nexzentek

Welcome back, Alex

Select Workspace

Alpha Retail Inc.

Evergreen POS • NexShop.ai

Beta Fencing Co.

AFC Platform

Continue to Workspace

B. NexShop.ai Onboarding (Slug Generation)

During the NexShop.ai checkout process, merchants configure their storefront URL. This is a critical divergence from the standard SaaS onboarding.

Let's set up your storefront. You can connect a custom domain later.

Store Name

Alpha Electronics

Storefront URL (Subdomain)

alpha-electronics

.nexshop.ai

✓ URL is available

Create Store & Process Payment

C. Super Admin Dashboard (PointOS Pattern)

The centralized admin portal where internal Nexzentek staff manage pending account requests, platform health, and cross-platform billing.



[Placeholder]

[Placeholder]

[Placeholder]

[Placeholder]

[Placeholder]

Pending Provisioning Requests

Review and approve new enterprise accounts and custom environments.

Company	Requested Product	Plan Tier	Status	Action
Omega Retail Group omega@example.com	NexShop.ai + POS Sync	Enterprise	Pending Review	Review
Texas Fencing Pros contact@txfence.com	AFC Platform	Custom	Pending Review	Review

Quick Stats

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Auto-provisioned today