

Key Integrations

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Integration Priority Table

Integration	Type	Priority	Launch Date
Fortnox	REST v3, OAuth2	P0	Launch
PostNord	REST, OAuth2	P0	Launch
DHL Sweden	REST	P1	Month 2
Instabee / Budbee	REST JSON	P1	Month 3
Shopify	REST + GraphQL	P1	Month 3
WooCommerce	REST	P2	Month 6
Visma	REST	P2	Month 6

P0 — Fortnox (Launch Critical)

Why P0: 598,000 Swedish companies use Fortnox. Fortnox Marketplace is the primary distribution channel. Deep integration = instant value for every new customer.

API: Fortnox REST API v3 (api.fortnox.se) **Auth:** OAuth2 (authorisation code flow)

Sync scope

Data	Direction	Frequency
Products (artiklar)	Fortnox to Plock	On demand + webhook
Suppliers (leverantorer)	Fortnox to Plock	On demand
Purchase orders	Bidirectional	Real-time
Sales orders	Fortnox to Plock	Real-time (webhook)

Data	Direction	Frequency
Stock levels	Plock to Fortnox	On every transaction
Invoices	Plock to Fortnox	On order completion

Fortnox Marketplace listing

- Plock listed as official Fortnox Marketplace integration
 - Customers connect via OAuth flow directly from Fortnox UI
 - Integration reviewed and certified by Fortnox team
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P0 — PostNord (Launch Critical)

Why P0: PostNord is the dominant carrier for Swedish e-commerce (primary for ~70% of SMBs).

API: PostNord REST API (developer.postnord.com) **Auth:** OAuth2

Features

- Generate shipping labels (PDF + ZPL for Zebra printers)
 - Book pickup
 - Track shipments (webhook updates)
 - Print manifests at end of day
 - Support for: PostNord MyPack, Varubrev, DHL Parcel (via PostNord reseller)
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P1 — DHL Sweden (Month 2)

API: DHL Express REST (developer.dhl.com) **Features:** Label generation, booking, tracking, rate quotes **Auth:** API key

P1 — Instabee / Budbee (Month 3)

API: Instabee REST JSON (developer.budbee.com) **Features:** Label generation, booking, real-time tracking, consumer notifications **Note:** Instabee acquired Budbee — same API, two brands

P1 — Shopify (Month 3)

API: Shopify REST Admin API + GraphQL **Auth:** OAuth2 (Shopify Partner app)

Sync scope

- Orders to Plock outbound queue
 - Inventory levels bidirectional (Plock as source of truth)
 - Product catalogue to Plock (read-only)
 - Fulfilment events to Shopify order tracking
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P2 — WooCommerce (Month 6)

API: WooCommerce REST API **Auth:** API key **Sync scope:** Orders, products, inventory levels (similar to Shopify)

P2 — Visma (Month 6)

API: Visma eAccounting REST API **Auth:** OAuth2 **Sync scope:** Similar to Fortnox — products, orders, invoices, stock levels

Integration Architecture

All integrations run through the Integration Layer in the Kotlin backend:

File structure:

- integrations/fortnox/ — FortnoxClient.kt, FortnoxSyncService.kt, FortnoxWebhookHandler.kt
- integrations/carriers/ — PostNordClient.kt, DhlClient.kt, InstabeeClient.kt
- integrations/ecommerce/ — ShopifyClient.kt, WooCommerceClient.kt

Queue: Redis + Kotlin coroutines for async integration jobs (label generation, carrier calls, sync tasks)

Error handling: Retry with exponential backoff, dead-letter queue, alert on persistent failure

Revision #3

Created 2026-03-04 05:10:39 UTC by John

Updated 2026-05-31 20:04:55 UTC by John