



Datarithm

Cloud-based pharmacy inventory management software that uses proprietary AI/algorithms to optimize reorder points, reduce surplus, and improve cash flow.

<https://www.datarithm.co>

Overview

Datarithm is a cloud-based inventory management and forecasting tool designed exclusively for pharmacies, including independent, multi-store, regional chains, hospital outpatient, and long-term care providers. The software analyzes historical dispensing data using proprietary algorithms to predict 30-day forward demand, which is then used to establish optimized reorder points for every item and generic group in a pharmacy's formulary. This automated process is designed to take the guesswork out of inventory control.

The system is built on four key pillars: **Forecasting**, **Balancing**, **Cycle Counting**, and **Analytics**.

Key Features and Capabilities:

Automated Demand Forecasting & Reorder Point Optimization: Calculates optimal order points monthly based on dispensing patterns and management preferences, automatically uploading them to the Pharmacy Management System (PMS).

Inventory Balancing: Deploys functionalities to attack surplus inventory (overstock & dead stock) through automatic daily wholesaler return recommendations and store-to-store transfers for multi-location pharmacies.

Intelligent Cycle Counting: Uses a dual-ranking approach to maintain on-hand precision throughout the year, reducing stock-outs and overstock situations.

Analytics & Reporting: Provides intuitive, comprehensive analytics (enterprise and store level) and pre-built insightful reports, including revamped dashboards and Key Performance Indicators (KPIs) in Version 3.0.

Daily Action Plan: Generates actionable information for staff to execute tasks like returns and transfers.

Benefits:

Datarithm clients typically see a 20-30% reduction in inventory investment, a 4-plus point improvement in inventory turns, and a payback time of less than 3 months. The software aims to free up pharmacy staff to focus on patient care by automating routine inventory tasks and improving overall cash flow and liquidity.

Key Features

- Automated Demand Forecasting
- Reorder Point Optimization
- Surplus Inventory Identification
- Store-to-Store Inventory Transfers (Balancing)
- Intelligent Cycle Counting
- Revamped Dashboards & KPIs
- Enhanced Reporting and Analytics
- Daily Action Plan

Pricing

Model: subscription

Subscription-based pricing is not publicly disclosed, but the software is described as extremely cost-effective with a typical payback time of less than 3 months.

Target Company Size: small, medium, enterprise

Integrations

Computer-Rx, DRX, Datascan, FSI Pharmacy Management System, Kroll, Liberty, PioneerRx, Rx30, SuiteRx

Compliance & Certifications

HIPAA

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